



STATE OF OKLAHOMA STATEWIDE CONTRACT WITH ICM OF AMERICA, INC

This State of Oklahoma Statewide Contract #0193 - Sewer Equipment ("Contract") is entered into between the State of Oklahoma by and through the Office of Management and Enterprise Services ("State") and ICM of America, INC ("Supplier") and is effective as of the date of last signature to this Contract. The initial term of the Contract shall be for 1 year with four (4) one-year options to renew.

Purpose

The State is awarding this Contract to Supplier for the provision of sewer cleaning and inspection equipment to all Oklahoma state agencies and interlocal entities, as more particularly described in certain Contract Documents. Supplier submitted a proposal with no exceptions, BAFO, vendor documents or confidentiality requests. This Contract memorializes the agreement of the parties with respect to the terms of the Contract that is being awarded to Supplier.

Now, therefore, in consideration of the foregoing and the mutual promises set forth herein, the receipt and sufficiency of which are hereby acknowledged the parties agree as follows:

1. The parties agree that Supplier has not yet begun performance of work under this Contract. Issuance of a purchase order is required prior to payment to a Supplier.
2. The following Contract Documents are attached hereto and incorporated herein:
 - 2.1. Solicitation, Attachment A;
 - 2.2. Q&A, Amendment;
 - 2.3. Non-negotiable terms, Attachment A-1;
 - 2.4. General Terms, Attachment B;
 - 2.5. Statewide Contract Terms, Attachment C;
 - 2.6. Reserved, Attachment D;
 - 2.7. Response to Specifications, Attachment E-1; and
 - 2.8. Price Attachment E-2.
3. Any reference to a Contract Document refers to such Contract Document as it may have been amended. If and to the extent any provision is in multiple documents and addresses the same or substantially the same subject matter but does not create an actual conflict, the more recent provision is deemed to supersede earlier versions.

Signatures

The undersigned represent and warrant that they are authorized, as representatives of the party on whose behalf they are signing, to sign this Contract and to bind their respective party thereto.

STATE OF OKLAHOMA
by and through the
OFFICE OF MANAGEMENT AND
ENTERPRISE SERVICES:

ICM OF AMERICA, INC

By: 
Amanda Otis (Oct 29, 2024 06:46 CDT)

By: 
Patrick White (Oct 29, 2024 06:35 CDT)

Name: Amanda Otis

Name: Patrick White

Title: State Purchasing Director

Title: Vice President

Date: Oct 29, 2024

Date: Oct 29, 2024

ATTACHMENT A
SOLICITATION/EVENT NO. EV00000499

Sewer Cleaning and Inspection Equipment

Statewide Contract No. SW0193

This Solicitation is a Contract Document and is a request for proposal in connection with the Contract awarded by the Office of Management and Enterprise Services as more particularly described below. Any defined term used herein but not defined herein shall have the meaning ascribed in the General Terms or other Contract Document.

PURPOSE

The Contract is awarded as a statewide contract on behalf of The Oklahoma Office of Management and Enterprise Services (OMES) Central Purchasing Division for the purchase to provide Sewer Cleaning and Inspection Equipment to all Oklahoma state agencies and interlocal entities. The Contract is awarded as a Mandatory Statewide contract.

1. Contract Term and Renewal Options

The initial Contract term, which begins on the effective date of the Contract, is one year and there are (4) one-year options to renew the Contract. [This Statewide Contract will automatically renew annually. Should either party not want to renew the Contract, a written notice of termination shall be sent at least 30 days prior to the end of the Contract term.]

2. Solicitation Criterion

The Bid will be evaluated using a best value criterion, based on the following:

- I. Technical response (Exhibit#1)
- II. Price (Exhibit#2)

3. Scope and Description

The parties agree to the following terms in addition to obligations set forth in other Contract Documents:

Certain Contract requirements and terms are set forth below as Exhibit 1.



Date of Issuance: 07/30/2024

Solicitation No. EV00000499

Requisition No. _____

Amendment No. 2

Hour and date specified for receipt of offers is changed: ☐ No ☒ Yes, to: 08/08/2024 closing 3:00 PM CST

Pursuant to OAC 260:115-7-30(d), this document shall serve as official notice of amendment to the solicitation identified above. Such notice is being provided to all suppliers to which the original solicitation was sent.

Suppliers submitting bids or quotations shall acknowledge receipt of this solicitation amendment prior to the hour and date specified in the solicitation as follows:

Sign and return a copy of this amendment with the solicitation response being submitted; or,

If the supplier has already submitted a response, this acknowledgement must be signed and returned prior to the solicitation deadline. All amendment acknowledgements submitted separately shall have the solicitation number and bid opening date in the subject line of the email.

ISSUED FROM:

Cini Zacharia
Contracting Officer

405-522-9078
Phone Number

Cini.zacharia@omes.ok.gov
E-Mail Address

RETURN TO: <https://oklahoma.gov/omes/services/purchasing/supplier-portal.html>

Description of Amendment:

a. This is to incorporate the following:

Vendor Q&A closed on 07/30/2024 at 3PM.

The questions we received, and the answers are below.

All the Amendment need to be signed and submitted along with your bid response.

Question #1

I am putting this contract together on our end. There is a lot about street sweeping and not much for pricing on Sewer Cleaning and Inspection. Is that correct? I know it is a combined bid for both, but I don't see any information on Exhibit #2 for any Sewer Cleaners or Inspection. Just want to make sure everything is correct.

Answer:

This is only for sewer Cleaning & Inspection Equipment. NO more Sweeping. That was a mistake.

Question #2

I have attached all my current pricing to the bid opportunity. However, if any of the manufacturers take a price increase, these sheets will be void. The discount will not change just the pricing. Is there a way to note that somewhere in the bid?

Answer:

You can write that on the top of price sheet. Or added an extra sheet to that and write your concerns.

Question # 3

Attachment B page 6 - 5.3 / Attachment A-1 page 3 - 4.3

I believe this requires the standard delivery costs to be included in the item pricing. I believe this was intended for small goods. My issue is that delivery costs of large equipment, like the equipment requested in this bid, vary widely throughout the year. Current fuel prices are the major determinant of delivery costs. Prices can easily double. I could cover this, but I would have to reduce my discount enough to cover price increases. I would like to offer delivery at our cost on a quote-by-quote basis. I will be happy to provide proof of cost any time it is needed. This would insure the best pricing for the customer.

Answer:

Attachment B is State General terms. -Any exceptions you are asking on this, Attachment B, you can submit with your bid response. But Attachment A -1 is lock down language – not allowed to negotiate. The best and final offer you can provide on this RFP can be clearly stated on your price sheet submission on your bid response.

Question # 4

Attachment B page 9 - 8.1

Insurance requirements:

We have been conducting business for over 25 years. I have a licensed insurance broker evaluate my business. They even provide a third-party company inspection and evaluation. They then provide me with properly sized solutions. This insures proper protection for myself and for my customers. Item B. requires \$2,000,000 per occurrence. I have 1,000,000 per occurrence. We are a small company and do not have the exposure to justify a \$2,000,000 policy. Item C. requires \$2,000,000, automotive policy. We have policies that meet the lawful requirements and fit the vehicles we own and drive. I need guidance on how to handle this. I have attached insurance on the above issues for review. Being forced to meet these requirements would put an extreme hardship on us.

Answer:

Attachment B is State General terms. -Any exceptions you are asking on this, Attachment B, you can submit with your bid response. If you make it to the stage of the final award process, then we will reach out for the insurance requirements. Whatever insurance you have now, please provide that with your submission. If that is not good enough, then we will get back with you after we review your submission.

Question #5

I would also ask for an extension to the due date.

Answer:

Vendor Q&A close will be extended to 07/30/2024 at 3:00 PM.

The bid will be extended to 08/08/2024 at 3:00PM.

Questions#6

I understand insurance will be an exception. I will put that in the asked for exceptions section. I just don't want to be denied the award because of this. If I have to get the additional coverage I will (it will really hurt us). If they don't allow my exception, will I have the opportunity to comply?

Answer: At this time, please submit your bid response with whatever insurance you have now. If that is not good enough, then we will get back with you after we review your submission.

Question #7

On the delivery charges, would I place that under additional terms?

Answer:

You can add that to the price sheet.

Question #8

I have some other exceptions/additional terms I need to add. If I place them in the wrong location, will you guys work with me on them?

Answer:

If you add this exception in a word format anywhere on your bid response submission, we will accept that. After the evaluation process, it will go to OMES legal team to review all the docs.

It will ONLY go to legal, if you reach to the next step of the award process, then the legal will review the exceptions and bidders' agreement etc. you have.

All the documents that need to go to legal review need to be in word format for the legal team to make red comments on the side. If you submit this in word format that will save our time at the end.

Question #9

And some of this is a request for review, which does not fall under questions and answers does it?

Answer:

Vendor Q&A close will be extended to 07/30/2024 at 3:00 PM.

The bid will be extended to 08/08/2024 at 3:00PM.

All questions we received will be answered after 3 PM on 07/30/24 as an amendment too.

That need to be signed and submitted along with your bid response.

Question #10

Is it possible to extend the due date on the SW 193 contract by 2 weeks?

Answer:

Vendor Q&A close will be extended to 07/30/2024 at 3:00 PM.

The bid will be extended to 08/08/2024 at 3:00PM.

All questions we received will be answered after 3 PM on 07/30/24 as an amendment#2 too.

That need to be signed and submitted along with your bid response.

Question # 11

We have already submitted everything in the portal. Do I need to resubmit it?

I just want to make sure I don't miss anything.

Answer:

No. you are good. But always make sure if there is any amendment, we post that needs to be signed and return with your bid response.

The questions we received at the last minute of the closing of Vendor Q&A will be posted as an amendment. So, we always recommend keeping an eye on the Closing time of the Vendor Q&A period.

Please do not miss the amendment signed & added to the bid response.

After the vendor Q&A closes, we cannot reply any of your questions. No more questions will be accepted after the vendor Q&A period closes.

Question #12

I can't get past the Existing User Sign In because I don't know the password that was originally set up. When I click on Forgot My Password, I am supposedly going to get an email to help re-set it. I still have not received that email.

I started out as a new supplier but found out that our FEIN number was already in your system. When I got to the page for the W-9, it asked for an ID that I didn't know. That is where I stopped yesterday. How do I get these tasks completed so that I may submit my bid?

Answer:

You can submit a bid without being a registered supplier/vendor, but you do have to have a log in as a bidder. Supplier Registration can help a supplier/bidder register, but registering as a bidder is pretty simple:
<https://oklahoma.gov/omes/divisions/central-purchasing/suppliers-and-payees/supplier-portal.html>

There is also a link here to request your userid from the previous supplier registration system visit here to request your user ID.

I think this is what the user needs to do to access their account. As bidder do have an existing supplier account. If you register a new bidder account it can cause issues, but if you aren't able to figure this out quickly or get help from supplier registration who I've copied on the email then I would have you register as the bidder and if awarded we can link the bidder to the supplier account.

OMES Supplier Registration supplier.registration@omes.ok.gov

Question 13:

Exhibit # 1 technical response

Asks for street sweeper information instead of sewer cleaning.

Answer:

Please see Exhibit#1- we fixed the Spelling mistake and it is for Sewer Cleaning & inspection Equipment.

Question 14:

Bidders' instructions, PG 8, Section 8, a.

a. Pricing associated with the bid shall be inserted in this section using Exhibit 3 Price.

This asks us to use exhibit 3. I can't find Exhibit 3.

Answer:

PG#8 Section 7.8 Please read Exhibit#2 for pricing. There is no more pricing #3 that was a mistake.

Question 15:

I have been trying to get set up to submit a bid for this but every time I try to set up as a new vendor it tells me that I am already set up. When I try to log in to enter the information for this bid, I get errors also, but I have no idea how to fix these errors. I have tried every HELP button I can find.

How do I get registered to submit this bid?

Answer:

You can submit a bid without being a registered supplier/vendor, but you do have to have a log in as a bidder. Supplier Registration can help a supplier/bidder register, but registering as a bidder is pretty simple:
<https://oklahoma.gov/omes/divisions/central-purchasing/suppliers-and-payees/supplier-portal.html>

There is also a link here to request your userid from the previous supplier registration system visit here to request your user ID.

I think this is what the user needs to do to access their account. As bidder do have an existing supplier account. If you register a new bidder account it can cause issues, but if you aren't able to figure this out quickly or get help from supplier registration who I've copied on the email then I would have you register as the bidder and if awarded we can link the bidder to the supplier account.

OMES Supplier Registration supplier.registration@omes.ok.gov

Question 16:

We have already submitted everything in the portal . Do I need to resubmit it?

I just want to make sure I don't miss anything .

Answer:

No. you are good. But always make sure if there is any amendment, we post that needs to be signed and return with your bid response.

The questions we received at the last minute of the closing of Vendor Q&A, will be posted as an amendment. So, we always recommend keeping an eye on the Closing time of the Vendor Q&A period.

Please do not miss the amendment signed & added to the bid response.

After the vendor Q&A closes, we cannot reply any of your questions. No more questions will be accepted after the vendor Q&A period closes.

Question#17

SHIPPING:

Attachment B, Pg.6 of 29, 5.3

5.3 The price of a product offered under the Contract shall include and Supplier shall prepay all shipping, packaging, delivery and handling fees. All product deliveries will be free on board Customer's Destination. No additional fees shall be charged by Supplier for standard shipping and handling. If Customer requests expedited or special delivery, Customer may be responsible for any charges for expedited or special delivery.

Answer:

You can put everything on the pricing sheet.

Question#18

Attachment A-1,Pg.3of 10,4.3

4.3 The price of a product offered under the Contract shall include and Supplier shall prepay all shipping, packaging, delivery and handling fees. All product deliveries will be free on board Customer's Destination. No additional fees shall be charged by Supplier for standard shipping and handling. If Customer requests expedited or special delivery, Customer may be responsible for any charges for expedited or special delivery.

The cost of shipping big equipment is extreme and varies greatly, especially with the unstable fuel prices. It is almost impossible to value shipping costs more than 30 days out (much less the entirety of this contract). I would ask for modification of Attachment B page 6 - 5.3 / Attachment A-1 page 3 - 4.3 to allow shipping to be charged in addition to the equipment pricing. Shipping costs will be charged at suppliers cost. Proof of shipping cost must be available upon request. This will allow us to give a better discount.

Answer:

This Attachment A-1 is not negotiable – this is a lock down language.

Question#19

Insurance:

Attachment B, Pg9, B. and C.

B. Commercial General Liability Insurance covering the risks of personal injury, bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of liability of not less than \$2,000,000 per occurrence

C. Automobile Liability Insurance with limits of liability of not less than \$2,000,000 combined single limit each accident;

We have been conducting business for over 25 years. I have a licensed insurance broker evaluate my business. They even provide a third party company on-site inspection and evaluation. They then provide me with properly sized solutions. This ensures proper protection for me and for my customers. We are an Oklahoma Licensed used automobile dealer and an Oklahoma new motor vehicle dealer. We have met all the requirements set forth by the state to sell automobiles to the general public. Item B. requires \$2,000,000 per occurrence. I have 1,000,000 per occurrence. We are a small company and do not have the exposure to justify a \$2,000,000 policy. Item C. requires \$2,000,000, automotive policy. We have policies that meet the lawful requirements and fit the vehicles we own and

drive. I have attached my insurance certifications. I am asking for a review of them to allow them to be acceptable. I view these requirements as restrictive and the additional cost would be a great burden to our company.

Answer:

Attachment B is State General terms. -Any exceptions you are asking on this, Attachment B, you can submit with your bid response. If you make it to the stage of the final award process, then we will reach out for the insurance requirements. Whatever insurance you have now, please provide that with your submission. If that is not good enough, then we will get back with you after we review your submission

Question#20

Demonstration equipment:

Bidders instructions, Pg7.,Section7.7,C.

c. Bidder shall offer new items of current design and technology unless the State specifies older models or versions, or used, reconditioned, or remanufactured products are acceptable. Warranties in either case should be the same. The Bid is required to state the manufacturer's name and number. The Bid shall also explain in detail how a proposed equivalent will meet the specifications and should not be considered an exception.

The above section seems to allow for the following. From time to time Vac-Con sells their demonstration equipment. This equipment is only used by factory trained personnel to show customers. These units are in like new. They have never been sold or titled to an end user. They come with full warranties intact. We would like to offer them at a 10% discount on the contract. The 10% would not include the chassis. The additional discount will help customers get better equipment and still remain in budget.

I hope we can do this. It is a great option for some cities. I don't know where to put this request in the bid: request for administrative review, or additional terms, or requested exceptions. Can you please advise?

Answer:

You can add that in price sheet add as a value-added item., if need use extra page to it,

Question#21

Chassis pricing

Our manufacturer invests a large amount of money stocking a fleet of chassis. These units are ready to go and are at the factory. This lowers delivery times and insures the chassis is perfect for the build. The chassis and associated options provided by our manufacturer are offered to us with no discount. So we offer them to our customers at pass through pricing. This means what the chassis costs us will be the price to our customers. The chassis pricing is provided in the pricing section of the bid under each appropriate model. These chassis are limited and subject to sale on a first come first serve basis. We are happy to provide proof of cost on these anytime requested.

Again, I am unsure where to place this in the bid request for administrative review, or additional terms, or requested exceptions. Can you please advise?

Answer:

You can add that in price sheet add as a value-added item., if need use extra page to it,

Question#22

Authorized dealer letter

Most bids require a letter of authorization from each of the manufacturers for the respective dealer in the state. I didn't see this in the bid. Is this a requirement? If so what section do you want it placed?

Answer:

Not a requirement, but you can always add that with your bid response and add that right after the pricing sheet, as a separate document.

Question#23

Certificate of good standing

Most bids require a Certificate of good standing from the Oklahoma Secretary of State. I didn't see this in the bid. Is this a requirement? If so what section do you want it placed?

Answer:

Not a requirement, but you can always add that with your bid response and add that right after the pricing sheet , as a separate document

Question#24

New motor vehicle dealer's license

It is a state Requirement to have a new motor vehicle dealer's license to sell this type of equipment whole (on a chassis). I did not see and request for the Oklahoma dealers license certificate in the bid. Is this a requirement? If so what section do you want it placed?

Answer:

Not a requirement, but you can always add that with your bid response and add that right after the pricing sheet , as a separate document

Question 25:

I just wanted to make sure you received our bid for this event. I posted it last Wednesday. I know the due date is today. I wanted to make sure we were good to go. Please let me know if there are any issues.

Answer:

Yes. you can. Please check on the website. Amendment #1 and after the 07/30/2023 3 PM we will post Amendment #2 to web site too.

You need to sign and return all these amendments along with your bid response too.

Question 26:

We have already submitted everything in the portal. Do I need to resubmit it?

I just want to make sure I don't miss anything.

Answer:

No. you do not need to resubmit but keep an eye on Amendment 1&2 and that need to sign and return with your submission.

b. All other terms and conditions remain unchanged.

Supplier Company Name (**PRINT**)

Date

Authorized Representative Name (**PRINT**)

Title

Authorized Representative Signature

ATTACHMENT A-1

STATE OF OKLAHOMA LOCKDOWN GENERAL TERMS

This State of Oklahoma Lockdown General Terms (“Lockdown General Terms”) is a Contract in connection with a Contract awarded by the Office of Management and Enterprise Services on behalf of the State of Oklahoma. The terms contained in this document are not negotiable.

In addition to other terms contained in an applicable Contract document, Supplier and State agree to the following General Terms:

1 Scope and Contract Renewal

- 1.1** Supplier may not add products or services to its offerings under the Contract without the State’s prior written approval. Such request may require a competitive bid of the additional products or services. If the need arises for goods or services outside the scope of the Contract, Supplier shall contact the State.
- 1.2** At no time during the performance of the Contract shall the Supplier have the authority to obligate any Customer for payment for any products or services (a) when a corresponding encumbering document is not signed or (b) over and above an awarded Contract amount. Likewise, Supplier is not entitled to compensation for a product or service provided by or on behalf of Supplier that is neither requested nor accepted as satisfactory.
- 1.3** If applicable, prior to any Contract renewal, the State shall subjectively consider the value of the Contract to the State, the Supplier’s performance under the Contract, and shall review certain other factors, including but not limited to the: a) terms and conditions of Contract documents to determine validity with current State and other applicable statutes and rules; b) current pricing and discounts offered by Supplier; and c) current products, services and support offered by Supplier. If the State determines changes to the Contract are required as a condition precedent to renewal, the State and Supplier will cooperate in good faith to evidence such required changes in an Amendment. Further, any request for a price increase in connection with a renewal or otherwise will be conditioned on the Supplier providing appropriate documentation supporting the request.
- 1.4** Upon mutual agreement, the Parties may extend the Contract for ninety (90) days beyond a final renewal term. The Parties may to the extent allowable by law, choose to exercise subsequent ninety (90) day extensions.

- 1.5 Supplier understands that supplier registration expires annually and, pursuant to OAC 260:115-3-3, Supplier shall maintain its supplier registration with the State as a precondition to a renewal of the Contract.

2 Contract Effectiveness

- 2.1 Unless specifically agreed in writing otherwise, the Contract is effective upon the date last signed by the parties. Supplier shall not commence work, commit funds, incur costs, or in any way act to obligate the State until a proper purchase order has been issued.
- 2.2 Any Contract document shall be legibly written in ink or typed. All Contract transactions, and any Contract document related thereto, may be conducted by electronic means pursuant to the Oklahoma Uniform Electronic Transactions Act.

3 Modification of Contract Terms and Contract documents

- 3.1 The Contract may only be modified, amended, or expanded by an Amendment. Any change to the Contract, including the addition of work or materials, the revision of payment terms, or the substitution of work or materials made unilaterally by the Supplier, is a material breach of the Contract. Unless otherwise specified by applicable law or rules, such changes, including without limitation, any unauthorized written Contract modification, shall be void and without effect and the Supplier shall not be entitled to any claim under the Contract based on those changes. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the Contract.
- 3.2 Any additional terms on an ordering document provided by Supplier are of no effect and are void unless mutually executed. OMES bears no liability for performance, payment or failure thereof by the Supplier or by a Customer other than OMES in connection with an Acquisition.
- 3.3 Except for information deemed confidential by the State pursuant to applicable law, rule, regulation, or policy, the parties agree Contract terms are not confidential and are disclosable without further approval of or notice to Supplier.
- 3.4 Unless mutually agreed to in writing by the State of Oklahoma by and through the Office of Management and Enterprise Services, no Contract document or other terms and conditions or clauses, including via a hyperlink or uniform resource locator, shall supersede or conflict with the terms of this

Contract or expand the State's or Customer's liability or reduce the rights of Customer or the State.

- 3.5** To the extent any term or condition in any Contract document, including via a hyperlink or uniform resource locator, conflicts with an applicable Oklahoma and/or United States law or regulation, such term or condition is void and unenforceable. By executing any Contract document which contains a conflicting term or condition, the State or Customer makes no representation or warranty regarding the enforceability of such term or condition and the State or Customer does not waive the applicable Oklahoma and/or United States law or regulation which conflicts with the term or condition.

4 Pricing

- 4.1** Pursuant to 68 O.S. §§ 1352, 1356, and 1404, State agencies are exempt from the assessment of State sales, use, and excise taxes. Further, State agencies and political subdivisions of the State are exempt from Federal Excise Taxes pursuant to Title 26 of the United States Code. Any taxes of any nature whatsoever payable by the Supplier shall not be reimbursed.
- 4.2** Pursuant to 74 O.S. §85.40, all travel expenses of Supplier must be included in the total Acquisition price.
- 4.3** The price of a product offered under the Contract shall include and Supplier shall prepay all shipping, packaging, delivery and handling fees. All product deliveries will be free on board Customer's Destination. No additional fees shall be charged by Supplier for standard shipping and handling. If Customer requests expedited or special delivery, Customer may be responsible for any charges for expedited or special delivery
- 4.4** Any product to be delivered pursuant to the Contract shall be subject to final inspection and acceptance by the Customer at Destination. The Customer assumes no responsibility for a product until accepted by the Customer. Title and risk of loss or damage to a product shall be the responsibility of the Supplier until accepted. The Supplier shall be responsible for filing, processing, and collecting any and all damage claims accruing prior to acceptance
- 4.5** Pursuant to OAC 260:115-9-1, payment for an Acquisition does not constitute final acceptance of the Acquisition. If subsequent inspection affirms that the Acquisition does not meet or exceed the specifications of the order or that the Acquisition has a latent defect, the Supplier shall be notified as soon as is

reasonably practicable. The Supplier shall retrieve and replace the Acquisition at Supplier's expense or, if unable to replace, shall issue a refund to Customer. Refund under this section shall not be an exclusive remedy.

5 Invoices and Payments

5.1 Supplier shall be paid upon submission of a proper invoice(s) at the prices stipulated in the Contract in accordance with 74 O.S. §85.44B which requires that payment be made only after products have been provided and accepted or services rendered and accepted. This section shall not prohibit the payment of membership dues or payment for subscriptions to magazines, periodicals or books or for payment to vendors providing subscription services under 74 O.S. 85.44B.

The following terms additionally apply:

- A.** An invoice shall contain the purchase order number, description of products or services provided and the dates of such provision.
- B.** Failure to provide a timely and proper invoice may result in delay of processing the invoice for payment. Proper invoice is defined at OAC 260:10-1-2.
- C.** Payment of all fees under the Contract shall be due NET 30 days, but shall not be deemed late until 45 days. Payment and interest on late payments are governed by 62 O.S. §34.72. Such interest is the sole and exclusive remedy for late payments by a State agency and no other late fees are authorized to be assessed pursuant to Oklahoma law.
- D.** The date from which an applicable early payment discount time is calculated shall be from the receipt date of a proper invoice. There is no obligation, however, to utilize an early payment discount.
- E.** If an overpayment or underpayment has been made to Supplier any subsequent payments to Supplier under the Contract may be adjusted to correct the account. A written explanation of the adjustment will be issued to Supplier.
- F.** If the Supplier accepts payment by Purchase Card they shall do so according to Oklahoma law.

6 Oklahoma Open Records Act

Supplier acknowledges that all State agencies and certain other Customers are subject to the Oklahoma Open Records Act set forth at 51 O.S. §24A-1 et seq. Supplier also

acknowledges that compliance with the Oklahoma Open Records Act and all opinions of the Oklahoma Attorney General concerning the Act is required. Customer may be provided access to Supplier Confidential Information. State agencies are subject to the Oklahoma Open Records Act and Supplier acknowledges information marked confidential information will be disclosed to the extent permitted under the Open Records Act and in accordance with this section. Nothing herein is intended to waive the State Purchasing Director's authority under OAC 260:115-3-9 in connection with Bid information requested to be held confidential by a Bidder. Notwithstanding the foregoing, Supplier Confidential Information shall not include information that: (i) is or becomes generally known or available by public disclosure, commercial use or otherwise and is not in contravention of this Contract; (ii) is known and has been reduced to tangible form by the receiving party before the time of disclosure for the first time under this Contract and without other obligations of confidentiality; (iii) is independently developed without the use of any of Supplier Confidential Information; (iv) is lawfully obtained from a third party (without any confidentiality obligation) who has the right to make such disclosure or (v) pricing provided to the State. In addition, the obligations in this section shall not apply to the extent that the applicable law or regulation requires disclosure of Supplier Confidential Information, provided that the Customer provides reasonable written notice, pursuant to Contract notice provisions, to the Supplier so that the Supplier may promptly seek a protective order or other appropriate remedy.

7 Conflict of Interest

In addition to any requirement of law or of a professional code of ethics or conduct, the Supplier, its employees are required to disclose any outside activity or interest that conflicts or may conflict with the best interest of the State. Prompt disclosure is required under this section if the activity or interest is related, directly or indirectly, to any person or entity currently under contract with or seeking to do business with the State, its employees or any other third-party individual or entity awarded a contract with the State. Further, as long as the Supplier has an obligation under the Contract, any plan, preparation or engagement in any such activity or interest shall not occur without prior written approval of the State. Any conflict of interest shall, at the sole discretion of the State, be grounds for partial or whole termination of the Contract.

8 State Shall Not Indemnify

The State of Oklahoma cannot lawfully agree to indemnify a private contractor. The credit of the State shall not be given, pledged, or loaned to any individual, company, corporation, or association, municipality, or political subdivision of the State pursuant to Oklahoma Constitution article 10, Section 15, OAC 260:115-7-32(k)(3)(A) and Attorney General Opinion 2012-18.

9 Indemnification Coordination of Defense

9.1 In connection with indemnification obligations under the Contract, when a State agency is a named defendant in any filed or threatened lawsuit, the defense of the State agency shall be coordinated by the Attorney General of Oklahoma, or the Attorney General may authorize the Supplier to control the defense and any related settlement negotiations; provided, however, Supplier shall not agree to any settlement of claims against the State without obtaining advance written concurrence from the Attorney General. If the Attorney General does not authorize sole control of the defense and settlement negotiations to Supplier, Supplier shall have authorization to equally participate in any proceeding related to the indemnity obligation under the Contract and shall remain responsible to indemnify the applicable Indemnified Parties.

10 Termination for Funding Insufficiency

10.1 Notwithstanding anything to the contrary in any Contract document, the State may terminate the Contract in whole or in part if funds sufficient to pay obligations under the Contract are not appropriated or received from an intended third-party funding source. In the event of such insufficiency, Supplier will be provided at least fifteen (15) calendar days' written notice of termination. Any partial termination of the Contract under this section shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that are not terminated. The determination by the State of insufficient funding shall be accepted by, and shall be final and binding on, the Supplier.

10.2 Upon receipt of notice of a termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contractor certain obligations are terminated shall be refunded.

10.3 The State's exercise of its right to terminate the Contract under this section shall not be considered a default or breach under the Contract or relieve the Supplier of any liability for claims arising under the Contract.

11 Suspension of Supplier

- 11.1** Supplier may be subject to Suspension without advance notice and may additionally be suspended from activities under the Contract if Supplier fails to comply with confidentiality, privacy, security, environmental or safety requirements applicable to Supplier's performance or obligations under the Contract.
- 11.2** Upon receipt of a notice pursuant to this section, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to receipt of notice by Supplier, the Suspension does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract during a period of Suspension or suspended activity or for any damages or other amounts caused by or associated with such Suspension or suspended activity. A right exercised under this section shall not be an exclusive remedy but shall be in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees attributable to a period of Suspension or suspended activity shall be refunded.
- 11.3** Such Suspension may be removed, or suspended activity may resume, at the earlier of such time as a formal notice is issued that authorizes the resumption of performance under the Contract or at such time as a purchase order or other appropriate encumbrance document is issued. This subsection is not intended to operate as an affirmative statement that such resumption will occur.

12 Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The certification made by Supplier with respect to Debarment, Suspension, certain indictments, convictions, civil judgments and terminated public contracts is a material representation of fact upon which reliance was placed when entering into the Contract. A determination that Supplier knowingly rendered an erroneous certification, in

addition to other available remedies, may result in whole or partial termination of the Contract for Supplier's default. Additionally, Supplier shall promptly provide written notice to the State Purchasing Director if the certification becomes erroneous due to changed circumstances.

13 Certification Regarding State Employees Prohibition From Fulfilling Services

Pursuant to 74 O.S. § 85.42, the Supplier certifies that no person involved in any manner in development of the Contract employed by the State shall be employed to fulfill any services provided under the Contract.

14 Notices

All notices, approvals or requests allowed or required by the terms of any Contract shall be in writing, reference the Contract with specificity and deemed delivered upon receipt or upon refusal of the intended party to accept receipt of the notice. Notice information may be updated in writing to the other party as necessary.

In addition to other notice requirements in the Contract and the designated Supplier contact provided in a successful Bid, notices shall be sent to the State at the email address set forth below.

Notwithstanding any other provision of the Contract, confidentiality, breach and termination-related notices shall be delivered to the address below in addition to e-mail.

If sent to the State:

State Purchasing Director
2401 North Lincoln Blvd., Second Floor
Oklahoma City, Oklahoma 73105

With a copy, which shall not constitute notice, to:

Purchasing Division Deputy General Counsel
2401 North Lincoln Blvd., Second Floor
Oklahoma City, Oklahoma 73105

15 Miscellaneous

15.1 Choice of Law and Venue

Any claim, dispute, or litigation relating to the Contract documents, in the singular or in the aggregate, shall be governed by the laws of the State of Oklahoma without regard to application of choice of law principles. Pursuant to 74 O.S. §85.7(F), where Federal awards are involved, applicable federal laws, rules and regulations shall govern to the extent necessary to insure ensure compliance with the terms of the Federal award. Venue for any action, claim, dispute, or litigation relating in any way to the Contract documents, shall be in Oklahoma County, Oklahoma. The State expressly declines any terms that minimize its rights under Oklahoma Law, including but not limited to, Statutes of Limitations.

15.2 Employment Relationship

The Contract does not create an employment relationship. Individuals providing products or performing services pursuant to the Contract are not employees of the State or Customer and, accordingly are not eligible for any rights or benefits whatsoever accruing to such employees.

15.3 Failure to Enforce

Failure by the State or a Customer at any time to enforce a provision of, or exercise a right under, the Contract shall not be construed as a waiver of any such provision. Such failure to enforce or exercise shall not affect the validity of any Contract document, or any part thereof, or the right of the State or a Customer to enforce any provision of, or exercise any right under, the Contract at any time in accordance with its terms. Likewise, a waiver of a breach of any provision of a Contract document shall not affect or waive a subsequent breach of the same provision or a breach of any other provision in the Contract.

15.4 Invalid Term or Condition

To the extent any term or condition in the Contract conflicts with a compulsory applicable State or United States law or regulation, such Contract term or condition is void and unenforceable. By executing any Contract document which contains a conflicting term or condition, no representation or warranty is made regarding the enforceability of such term or condition. Likewise, any applicable State or federal law or regulation which conflicts with the Contract or any non-conflicting applicable State or federal law or regulation is not waived.

15.5 Severability

If any provision of a Contract document, or the application of any term or condition to any party or circumstances, is held invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable and the application of such provision to other parties or circumstances shall remain valid and in full force and effect. If a court finds that any provision of this contract is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

15.6 Section Headings

The headings used in any Contract document are for convenience only and do not constitute terms of the Contract.

15.7 Sovereign Immunity

Notwithstanding any provision in the Contract, the Contract is entered into subject to the State's Constitution, statutes, common law, regulations, and the doctrine of sovereign immunity, none of which are waived by the State nor any other right or defense available to the State; provided, however, that the parties hereby agree that the doctrine of sovereign immunity does not apply to actions grounded in contract and therefore does not prohibit Supplier from pursuing claims arising under the Contract against the State and Customers.

15.8 Survival

As applicable, performance under all license, subscription, service agreements, statements of work, transition plans and other similar Contract documents entered into between the parties under the terms of the Contract shall survive Contract expiration. Additionally, rights and obligations under the Contract which by their nature should survive including, without limitation, certain payment obligations invoiced prior to expiration or termination; confidentiality obligations; security incident and data breach obligations and indemnification obligations, remain in effect after expiration or termination of the Contract.

15.9 Gratuities

The Contract may be immediately terminated, in whole or in part, by written notice if it is determined that the Supplier, its authorized employee, agent, or another representative acting within the scope of their authority violated any federal, State or local law, rule or ordinance by offering or giving a gratuity to any State employee directly involved in the Contract. In addition, Suspension or Debarment of the Supplier may result from such a violation.

15.10 Import/Export Controls

Neither party will use, distribute, transfer or transmit any equipment, services, software or technical information provided under the Contract (even if incorporated into other products) except in compliance with all applicable import and export laws, conventions and regulations.

ATTACHMENT B

STATE OF OKLAHOMA GENERAL TERMS

This State of Oklahoma General Terms (“General Terms”) is a Contract Document in connection with the Contract awarded by the State of Oklahoma by and through the Office of Management and Enterprise Services.

In addition to other terms contained in an applicable Contract Document, Supplier and State agree to the following General Terms:

1 Scope and Contract Renewal

- 1.1** Supplier may not add products or services to its offerings under the Contract without the State’s prior written approval. Such request may require a competitive bid of the additional products or services. If the need arises for goods or services outside the scope of the Contract, Supplier shall contact the State.
- 1.2** At no time during the performance of the Contract shall the Supplier have the authority to obligate any Customer for payment for any products or services (a) when a corresponding encumbering document is not signed or (b) over and above an awarded Contract amount. Likewise, Supplier is not entitled to compensation for a product or service provided by or on behalf of Supplier that is neither requested nor accepted as satisfactory.
- 1.3** If applicable, prior to any Contract renewal, the State shall subjectively consider the value of the Contract to the State, the Supplier’s performance under the Contract, and shall review certain other factors, including but not limited to the: a) terms and conditions of Contract Documents to determine validity with current State and other applicable statutes and rules; b) current pricing and discounts offered by Supplier; and c) current products, services and support offered by Supplier. If the State determines changes to the Contract are required as a condition precedent to renewal, the State and Supplier will cooperate in good faith to evidence such required changes in an Amendment. Further, any request for a price increase in connection with a renewal or otherwise will be conditioned on the Supplier providing appropriate documentation supporting the request.
- 1.4** The State may extend the Contract for ninety (90) days beyond a final renewal term at the Contract compensation rate for the extended period. If the State exercises such option to extend ninety (90) days, the State shall notify the

Supplier in writing prior to Contract end date. The State, at its sole option and to the extent allowable by law, may choose to exercise subsequent ninety (90) day extensions at the Contract pricing rate, to facilitate the finalization of related terms and conditions of a new award or as needed for transition to a new Supplier.

- 1.5** Supplier understands that supplier registration expires annually and, pursuant to OAC 260:115-3-3, Supplier shall maintain its supplier registration with the State as a precondition to a renewal of the Contract.

2 Contract Effectiveness and Order of Priority

- 2.1** Unless specifically agreed in writing otherwise, the Contract is effective upon the date last signed by the parties. Supplier shall not commence work, commit funds, incur costs, or in any way act to obligate the State until the Contract is effective.

- 2.2** Contract Documents shall be read to be consistent and complementary. Any conflict among the Contract Documents shall be resolved by giving priority to Contract Documents in the following order of precedence:

- A.** any Amendment;
- B.** any applicable Solicitation;
- C.** any Contract-specific terms contained in a Contract Document including, without limitation, information technology terms and terms specific to a statewide Contract or a State agency Contract;
- D.** the terms contained in this Contract Document;
- E.** any successful Bid as may be amended through negotiation and to the extent the Bid does not otherwise conflict with the Solicitation or applicable law;
- F.** any statement of work, work order, or other similar ordering document as applicable; and
- G.** other mutually agreed Contract Documents.

- 2.3** If there is a conflict between the terms contained in this Contract Document or in Contract-specific terms and an agreement provided by or on behalf of Supplier including but not limited to linked or supplemental documents which alter or diminish the rights of Customer or the State, the conflicting terms provided by Supplier shall not take priority over this Contract Document or

Acquisition-specific terms. In no event will any linked document alter or override such referenced terms except as specifically agreed in an Amendment.

- 2.4** Any Contract Document shall be legibly written in ink or typed. All Contract transactions, and any Contract Document related thereto, may be conducted by electronic means pursuant to the Oklahoma Uniform Electronic Transactions Act.

3 Modification of Contract Terms and Contract Documents

- 3.1** The Contract may only be modified, amended, or expanded by an Amendment. Any change to the Contract, including the addition of work or materials, the revision of payment terms, or the substitution of work or materials made unilaterally by the Supplier, is a material breach of the Contract. Unless otherwise specified by applicable law or rules, such changes, including without limitation, any unauthorized written Contract modification, shall be void and without effect and the Supplier shall not be entitled to any claim under the Contract based on those changes. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the Contract.
- 3.2** Any additional terms on an ordering document provided by Supplier are of no effect and are void unless mutually executed. OMES bears no liability for performance, payment or failure thereof by the Supplier or by a Customer other than OMES in connection with an Acquisition.
- 3.3** Except for information deemed confidential by the State pursuant to applicable law, rule, regulation, or policy, the parties agree Contract terms and information are not confidential and are disclosable without further approval of or notice to Supplier.
- 3.4** Unless mutually agreed to in writing by the State of Oklahoma by and through the Office of Management and Enterprise Services, no Contract Document or other terms and conditions or clauses, including via a hyperlink or uniform resource locator, shall supersede or conflict with the terms of this Contract or expand the State's or Customer's liability or reduce the rights of Customer or the State. If Supplier is acting as a reseller, any third-party terms provided are also subject to the foregoing.
- 3.5** To the extent any term or condition in any Contract Document, including via a hyperlink or uniform resource locator, conflicts with an applicable Oklahoma and/or United States law or regulation, such term or condition is void and unenforceable. By executing any Contract Document which contains a

conflicting term or condition, the State or Customer makes no representation or warranty regarding the enforceability of such term or condition and the State or Customer does not waive the applicable Oklahoma and/or United States law or regulation which conflicts with the term or condition.

4 Definitions

In addition to any defined terms set forth elsewhere in the Contract, the Oklahoma Central Purchasing Act and the Oklahoma Administrative Code, Title 260, the parties agree that, when used in the Contract, the following terms are defined as set forth below and may be used in the singular or plural form:

- 4.1 Acquisition** means items, products, materials, supplies, services and equipment acquired by purchase, lease purchase, lease with option to purchase, value provided or rental under the Contract.
- 4.2 Amendment** means a mutually executed, written modification to a Contract Document.
- 4.3 Bid** means an offer a Bidder submits in response to the Solicitation.
- 4.4 Bidder** means an individual or business entity that submits a Bid in response to the Solicitation.
- 4.5 Contract** means the written, mutually agreed and binding legal relationship resulting from the Contract Documents and an appropriate encumbering document as may be amended from time to time, which evidences the final agreement between the parties with respect to the subject matter of the Contract.
- 4.6 Contract Document** means this document; any master or enterprise agreement terms entered into between the parties that are mutually agreed to be applicable to the Contract; any Solicitation; any Contract-specific terms; any Supplier's Bid as may be negotiated; any statement of work, work order, or other similar mutually executed ordering document; other mutually executed documents and any Amendment.
- 4.7 Customer** means the governmental entity receiving goods or services contemplated by the Contract.
- 4.8 Debarment** means action taken by a debarring official under federal or state law or regulations to exclude any business entity from inclusion on the Supplier list; bidding; offering to bid; providing a quote; receiving an award of contract with the State and may also result in cancellation of existing contracts with the State.

- 4.9 Destination** means delivered to the receiving dock or other point specified in the applicable Contract Document.
- 4.10 Governmental Entity** means any governmental entity specified as a political subdivision of the State pursuant to the Governmental Tort Claim Act including any associated institution, instrumentality, board, commission, committee, department, or other entity designated to act on behalf of the state.
- 4.11 Indemnified Parties** means the State and Customer and/or its officers, directors, agents, employees, representatives, contractors, assignees, and designees thereof.
- 4.12 Inspection** means examining and testing an Acquisition (including, when appropriate, raw materials, components, and intermediate assemblies) to determine whether the Acquisition meets Contract requirements.
- 4.13 Moral Rights** means any and all rights of paternity or integrity of the Work Product and the right to object to any modification, translation or use of the Work Product and any similar rights existing under the judicial or statutory law of any country in the world or under any treaty, regardless of whether or not such right is denominated or referred to as a moral right.
- 4.14 OAC** means the Oklahoma Administrative Code.
- 4.15 OMES** means the Office of Management and Enterprise Services.
- 4.16 Solicitation** means the document inviting Bids for the Acquisition referenced in the Contract and any amendments thereto.
- 4.17 State** means the government of the state of Oklahoma, its employees and authorized representatives, including without limitation any department, agency, or other unit of the government of the state of Oklahoma.
- 4.18 Supplier** means the Bidder with whom the State enters into the Contract awarded pursuant to the Solicitation or the business entity or individual that is a party to the Contract with the State.
- 4.19 Suspension** means action taken by a suspending official under federal or state law or regulations to suspend a Supplier from inclusion on the Supplier list; be eligible to submit Bids to State agencies and be awarded a contract by a State agency subject to the Central Purchasing Act.
- 4.20 Supplier Confidential Information** means certain confidential and proprietary information of Supplier that is clearly marked as confidential and agreed by the State Purchasing Director or Customer, as applicable, but does

not include information excluded from confidentiality in provisions of the Contract or the Oklahoma Open Records Act.

4.21 Work Product means any and all deliverables produced by Supplier under a statement of work or similar Contract Document issued pursuant to this Contract, including any and all tangible or intangible items or things that have been or will be prepared, created, developed, invented or conceived at any time following the Contract effective date including but not limited to any (i) works of authorship (such as manuals, instructions, printed material, graphics, artwork, images, illustrations, photographs, computer programs, computer software, scripts, object code, source code or other programming code, HTML code, flow charts, notes, outlines, lists, compilations, manuscripts, writings, pictorial materials, schematics, formulae, processes, algorithms, data, information, multimedia files, text web pages or web sites, other written or machine readable expression of such works fixed in any tangible media, and all other copyrightable works), (ii) trademarks, service marks, trade dress, trade names, logos, or other indicia of source or origin, (iii) ideas, designs, concepts, personality rights, methods, processes, techniques, apparatuses, inventions, formulas, discoveries, or improvements, including any patents, trade secrets and know-how, (iv) domain names, (v) any copies, and similar or derivative works to any of the foregoing, (vi) all documentation and materials related to any of the foregoing, (vii) all other goods, services or deliverables to be provided by or on behalf of Supplier under the Contract and (viii) all Intellectual Property Rights in any of the foregoing, and which are or were created, prepared, developed, invented or conceived for the use of benefit of Customer in connection with this Contract or with funds appropriated by or for Customer or Customer's benefit (a) by any Supplier personnel or Customer personnel or (b) any Customer personnel who then became personnel to Supplier or any of its affiliates or subcontractors, where, although creation or reduction-to-practice is completed while the person is affiliated with Supplier or its personnel, any portion of same was created, invented or conceived by such person while affiliated with Customer.

5 Pricing

5.1 Pursuant to 68 O.S. §§ 1352, 1356, and 1404, State agencies are exempt from the assessment of State sales, use, and excise taxes. Further, State agencies and political subdivisions of the State are exempt from Federal Excise Taxes pursuant to Title 26 of the United States Code. Any taxes of any nature whatsoever payable by the Supplier shall not be reimbursed.

5.2 Pursuant to 74 O.S. §85.40, all travel expenses of Supplier must be included in the total Acquisition price.

5.3 The price of a product offered under the Contract shall include and Supplier shall prepay all shipping, packaging, delivery and handling fees. All product

deliveries will be free on board Customer's Destination. No additional fees shall be charged by Supplier for standard shipping and handling. If Customer requests expedited or special delivery, Customer may be responsible for any charges for expedited or special delivery.

6 Ordering, Inspection, and Acceptance

6.1 Any product or service furnished under the Contract shall be ordered by issuance of a valid purchase order or other appropriate payment mechanism, including a pre-encumbrance, or by use of a valid Purchase Card. All orders and transactions are governed by the terms and conditions of the Contract. Any purchase order or other applicable payment mechanism dated prior to termination or expiration of the Contract shall be performed unless mutually agreed in writing otherwise.

6.2 Services will be performed in accordance with industry best practices and are subject to acceptance by the Customer. Notwithstanding any other provision in the Contract, deemed acceptance of a service or associated deliverable shall not apply automatically upon receipt of a deliverable or upon provision of a service.

Supplier warrants and represents that a product or deliverable furnished by or through the Supplier shall individually, and where specified by Supplier to perform as a system, be substantially uninterrupted and error-free in operation and guaranteed against faulty material and workmanship for a warranty period of the greater of ninety (90) days from the date of acceptance or the maximum allowed by the manufacturer. A defect in a product or deliverable furnished by or through the Supplier shall be repaired or replaced by Supplier at no additional cost or expense to the Customer if such defect occurs during the warranty period.

Any product to be delivered pursuant to the Contract shall be subject to final inspection and acceptance by the Customer at Destination. The Customer assumes no responsibility for a product until accepted by the Customer. Title and risk of loss or damage to a product shall be the responsibility of the Supplier until accepted. The Supplier shall be responsible for filing, processing, and collecting any and all damage claims accruing prior to acceptance.

Pursuant to OAC 260:115-9-1, payment for an Acquisition does not constitute final acceptance of the Acquisition. If subsequent inspection affirms that the Acquisition does not meet or exceed the specifications of the order or that the Acquisition has a latent defect, the Supplier shall be notified as soon as is reasonably practicable. The Supplier shall retrieve and replace the Acquisition at Supplier's expense or, if unable to replace, shall issue a refund to Customer. Refund under this section shall not be an exclusive remedy.

- 6.3** Supplier shall deliver products and services on or before the required date specified in a Contract Document. Failure to deliver timely may result in liquidated damages as set forth in the applicable Contract Document. Deviations, substitutions, or changes in a product or service, including changes of personnel directly providing services, shall not be made unless expressly authorized in writing by the Customer. Any substitution of personnel directly providing services shall be a person of comparable or greater skills, education and experience for performing the services as the person being replaced. Additionally, Supplier shall provide staff sufficiently experienced and able to perform with respect to any transitional services provided by Supplier in connection with termination or expiration of the Contract.
- 6.4** Product warranty and return policies and terms provided under any Contract Document will not be more restrictive or more costly than warranty and return policies and terms for other similarly situated customers for a like product.

7 Invoices and Payment

- 7.1** Supplier shall be paid upon submission of a proper invoice(s) at the prices stipulated in the Contract in accordance with 74 O.S. §85.44B which requires that payment be made only after products have been provided and accepted or services rendered and accepted.

The following terms additionally apply:

- A.** An invoice shall contain the purchase order number, description of products or services provided and the dates of such provision.
- B.** Failure to provide a timely and proper invoice may result in delay of processing the invoice for payment. Proper invoice is defined at OAC 260:10-1-2.
- C.** Payment of all fees under the Contract shall be due NET 45 days. Payment and interest on late payments are governed by 62 O.S. §34.72. Such interest is the sole and exclusive remedy for late payments by a State agency and no other late fees are authorized to be assessed pursuant to Oklahoma law.
- D.** The date from which an applicable early payment discount time is calculated shall be from the receipt date of a proper invoice. There is no obligation, however, to utilize an early payment discount.
- E.** If an overpayment or underpayment has been made to Supplier any subsequent payments to Supplier under the Contract may be adjusted to correct the account. A written explanation of the adjustment will be

issued to Supplier.

- F. Supplier shall have no right of setoff.
- G. Because funds are typically dedicated to a particular fiscal year, an invoice will be paid only when timely submitted, which shall in no instance be later than six (6) months after the end of the fiscal year in which the goods are provided or services performed.
- H. The Supplier shall accept payment by Purchase Card as allowed by Oklahoma law.

8 Maintenance of Insurance, Payment of Taxes, and Workers' Compensation

8.1 As a condition of this Contract, Supplier shall procure at its own expense, and provide proof of, insurance coverage with the applicable liability limits set forth below and any approved subcontractor of Supplier shall procure and provide proof of the same coverage. The required insurance shall be underwritten by an insurance carrier with an A.M. Best rating of A- or better.

Such proof of coverage shall additionally be provided to the Customer if services will be provided by any of Supplier's employees, agents or subcontractors at any Customer premises and/or employer vehicles will be used in connection with performance of Supplier's obligations under the Contract. Supplier may not commence performance hereunder until such proof has been provided. Additionally, Supplier shall ensure each insurance policy includes a notice of cancellation and includes the State and its agencies as certificate holder and shall promptly provide proof to the State of any renewals, additions, or changes to such insurance coverage. Supplier's obligation to maintain insurance coverage under the Contract is a continuing obligation until Supplier has no further obligation under the Contract. Any combination of primary and excess or umbrella insurance may be used to satisfy the limits of coverage for Commercial General Liability, Auto Liability and Employers' Liability. Unless agreed between the parties and approved by the State Purchasing Director, the minimum acceptable insurance limits of liability are as follows:

- A. Workers' Compensation and Employer's Liability Insurance in accordance with and to the extent required by applicable law;
- B. Commercial General Liability Insurance covering the risks of personal injury, bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of liability of not less than \$2,000,000 per occurrence;

- C. Automobile Liability Insurance with limits of liability of not less than \$2,000,000 combined single limit each accident;
- D. If the Supplier will access, process, or store state data, then Security and Privacy Liability insurance, including coverage for failure to protect confidential information and failure of the security of Supplier's computer systems that results in unauthorized access to Customer data with limits \$5,000,000 per occurrence; and
- E. Additional coverage required in writing in connection with a particular Acquisition.

8.2 Supplier shall be entirely responsible during the existence of the Contract for the liability and payment of taxes payable by or assessed to Supplier or Supplier's employees, agents and subcontractors of whatever kind, in connection with the Contract. Supplier further agrees to comply with all state and federal laws applicable to any such persons, including laws regarding wages, taxes, insurance, and Workers' Compensation. Neither Customer nor the State shall be liable to the Supplier, Supplier's employees, agents, or others for the payment of taxes or the provision of unemployment insurance and/or Workers' Compensation or any benefit available to a State or Customer employee.

8.3 Supplier agrees to indemnify Customer, the State, and its employees, agents, representatives, contractors, and assignees for any and all liability, actions, claims, demands, or suits, and all related costs and expenses (including without limitation reasonable attorneys' fees and costs required to establish the right to indemnification) relating to tax liability, unemployment insurance and/or Workers' Compensation in connection with its performance under the Contract.

9 Compliance with Applicable Laws

9.1 As long as Supplier has an obligation under the terms of the Contract and in connection with performance of its obligations, the Supplier represents its present compliance, and shall have an ongoing obligation to comply, with all applicable federal, State, and local laws, rules, regulations, ordinances, and orders, as amended, including but not limited to the following:

- A. Drug-Free Workplace Act of 1988 set forth at 41 U.S.C. §81.
- B. Section 306 of the Clean Air Act, Section 508 of the Clean Water Act, Executive Order 11738, and Environmental Protection Agency Regulations which prohibit the use of facilities included on the EPA

List of Violating Facilities under nonexempt federal contracts, grants or loans;

- C.** Prospective participant requirements set at 2 C.F.R. part 376 in connection with Debarment, Suspension and other responsibility matters;
- D.** 1964 Civil Rights Act, Title IX of the Education Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990, and Executive Orders 11246 and 11375;
- E.** Anti-Lobbying Law set forth at 31 U.S.C. §1325 and as implemented at 45 C.F.R. part 93;
- F.** Requirements of Internal Revenue Service Publication 1075 regarding use, access and disclosure of Federal Tax Information (as defined therein);
- G.** Obtaining certified independent audits conducted in accordance with Government Auditing Standards and Office of Management and Budget Uniform Guidance, 2 CFR 200 Subpart F §200.500 et seq. with approval and work paper examination rights of the applicable procuring entity;
- H.** Requirements of the Oklahoma Taxpayer and Citizen Protection Act of 2007, 25 O.S. §1312 and applicable federal immigration laws and regulations and be registered and participate in the Status Verification System. The Status Verification System is defined at 25 O.S. §1312, includes but is not limited to the free Employment Verification Program (E-Verify) through the Department of Homeland Security, and is available at www.dhs.gov/E-Verify;
- I.** Requirements of the Health Insurance Portability and Accountability Act of 1996; Health Information Technology for Economic and Clinical Health Act; Payment Card Industry Security Standards; Criminal Justice Information System Security Policy and Security Addendum; and Family Educational Rights and Privacy Act; and
- J.** Be registered as a business entity licensed to do business in the State, have obtained a sales tax permit, and be current on franchise tax payments to the State, as applicable.

- 9.2** The Supplier's employees, agents and subcontractors shall adhere to applicable Customer policies including, but not limited to acceptable use of Internet and electronic mail, facility and data security, press releases, and public relations. As applicable, the Supplier shall adhere to the State Information

Security Policy, Procedures, Guidelines
set forth at
https://oklahoma.gov/content/dam/ok/en/omes/documents/InfoSecPPG_0.pdf

. Supplier is responsible for reviewing and relaying such policies covering the above to the Supplier's employees, agents and subcontractors.

- 9.3** At no additional cost to Customer, the Supplier shall maintain all applicable licenses and permits required in association with its obligations under the Contract.
- 9.4** In addition to compliance under subsection 9.1 above, Supplier shall have a continuing obligation to comply with applicable Customer-specific mandatory contract provisions required in connection with the receipt of federal funds or other funding source.
- 9.5** The Supplier is responsible to review and inform its employees, agents, and subcontractors who provide a product or perform a service under the Contract of the Supplier's obligations under the Contract and Supplier certifies that its employees and each such subcontractor shall comply with minimum requirements and applicable provisions of the Contract. At the request of the State, Supplier shall promptly provide adequate evidence that such persons are its employees, agents or approved subcontractors and have been informed of their obligations under the Contract.
- 9.6** As applicable, Supplier agrees to comply with the Governor's Executive Orders related to the use of any tobacco product, electronic cigarette or vaping device on any and all properties owned, leased, or contracted for use by the State, including but not limited to all buildings, land and vehicles owned, leased, or contracted for use by agencies or instrumentalities of the State.
- 9.7** The execution, delivery and performance of the Contract and any ancillary documents by Supplier will not, to the best of Supplier's knowledge, violate, conflict with, or result in a breach of any provision of, or constitute a default (or an event which, with notice or lapse of time or both, would constitute a default) under, or result in the termination of, any written contract or other instrument between Supplier and any third party.
- 9.8** Supplier represents that it has the ability to pay its debts when due and it does not anticipate the filing of a voluntary or involuntary bankruptcy petition or appointment of a receiver, liquidator or trustee.
- 9.9** Supplier represents that, to the best of its knowledge, any litigation or claim or any threat thereof involving Supplier has been disclosed in writing to the State and Supplier is not aware of any other litigation, claim or threat thereof.

- 9.10** If services provided by Supplier include delivery of an electronic communication, Supplier shall ensure such communication and any associated support documents are compliant with Section 508 of the Federal Rehabilitation Act and with State standards regarding accessibility. Should any communication or associated support documents be non-compliant, Supplier shall correct and re-deliver such communication immediately upon discovery or notice, at no additional cost to the State. Additionally, as part of compliance with accessibility requirements where documents are only provided in non-electronic format, Supplier shall promptly provide such communication and any associated support documents in an alternate format usable by individuals with disabilities upon request and at no additional cost, which may originate from an intended recipient or from the State.

10 Audits and Records Clause

- 10.1** As used in this clause and pursuant to 67 O.S. §203, “record” includes a document, book, paper, photograph, microfilm, computer tape, disk, record, sound recording, film recording, video record, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form. Supplier agrees any pertinent federal or State agency or governing entity of a Customer shall have the right to examine and audit, at no additional cost to a Customer, all records relevant to the execution and performance of the Contract except, unless otherwise agreed, costs of Supplier that comprise pricing under the Contract.
- 10.2** The Supplier is required to retain records relative to the Contract for the duration of the Contract and for a period of seven (7) years following completion or termination of an Acquisition unless otherwise indicated in the Contract terms. If a claim, audit, litigation or other action involving such records is started before the end of the seven-year period, the records are required to be maintained for two (2) years from the date that all issues arising out of the action are resolved, or until the end of the seven (7) year retention period, whichever is later.
- 10.3** Pursuant to 74 O.S. §85.41, if professional services are provided hereunder, all items of the Supplier that relate to the professional services are subject to examination by the State agency, State Auditor and Inspector and the State Purchasing Director.

11 Confidentiality

- 11.1** The Supplier shall maintain strict security of all State and citizen data and records entrusted to it or to which the Supplier gains access, in accordance with

and subject to applicable federal and State laws, rules, regulations, and policies and shall use any such data and records only as necessary for Supplier to perform its obligations under the Contract. The Supplier further agrees to evidence such confidentiality obligation in a separate writing if required under such applicable federal or State laws, rules and regulations. The Supplier warrants and represents that such information shall not be sold, assigned, conveyed, provided, released, disseminated or otherwise disclosed by Supplier, its employees, officers, directors, subsidiaries, affiliates, agents, representatives, assigns, subcontractors, independent contractors, successor or any other persons or entities without Customer's prior express written permission. Supplier shall instruct all such persons and entities that the confidential information shall not be disclosed or used without the Customer's prior express written approval except as necessary for Supplier to render services under the Contract. The Supplier further warrants that it has a tested and proven system in effect designed to protect all confidential information.

- 11.2** Supplier shall establish, maintain and enforce agreements with all such persons and entities that have access to State and citizen data and records to fulfill Supplier's duties and obligations under the Contract and to specifically prohibit any sale, assignment, conveyance, provision, release, dissemination or other disclosure of any State or citizen data or records except as required by law or allowed by written prior approval of the Customer.
- 11.3** Supplier shall immediately report to the Customer any and all unauthorized use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination of any State or citizen data or records of which it or its parent company, subsidiaries, affiliates, employees, officers, directors, assignees, agents, representatives, independent contractors, and subcontractors is aware or have knowledge or reasonable should have knowledge. The Supplier shall also promptly furnish to Customer full details of the unauthorized use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination, or attempt thereof, and use its best efforts to assist the Customer in investigating or preventing the reoccurrence of such event in the future. The Supplier shall cooperate with the Customer in connection with any litigation and investigation deemed necessary by the Customer to protect any State or citizen data and records and shall bear all costs associated with the investigation, response and recovery in connection with any breach of State or citizen data or records including but not limited to credit monitoring services with a term of at least three (3) years, all notice-related costs and toll free telephone call center services.
- 11.4** Supplier further agrees to promptly prevent a reoccurrence of any unauthorized use, appropriation, sale, assignment, conveyance, provision, release, access,

acquisition, disclosure or other dissemination of State or citizen data and records.

- 11.5** Supplier acknowledges that any improper use, appropriation, sale, assignment, conveyance, provision, release, access, acquisition, disclosure or other dissemination of any State data or records to others may cause immediate and irreparable harm to the Customer and certain beneficiaries and may violate state or federal laws and regulations. If the Supplier or its affiliates, parent company, subsidiaries, employees, officers, directors, assignees, agents, representatives, independent contractors, and subcontractors improperly use, appropriate, sell, assign, convey, provide, release, access, acquire, disclose or otherwise disseminate such confidential information to any person or entity in violation of the Contract, the Customer will immediately be entitled to injunctive relief and/or any other rights or remedies available under this Contract, at equity or pursuant to applicable statutory, regulatory, and common law without a cure period.
- 11.6** The Supplier shall immediately forward to the State Purchasing Director, and any other applicable person listed in the Notices section(s) of the Contract, any request by a third party for data or records in the possession of the Supplier or any subcontractor or to which the Supplier or subcontractor has access and Supplier shall fully cooperate with all efforts to protect the security and confidentiality of such data or records in response to a third party request.
- 11.7** Customer may be provided access to Supplier's Confidential Information. State agencies are subject to the Oklahoma Open Records Act and Supplier acknowledges information marked confidential information will be disclosed to the extent permitted under the Open Records Act and in accordance with this section. Nothing herein is intended to waive the State Purchasing Director's authority under OAC 260:115-3-9 in connection with Bid information requested to be held confidential by a Bidder. Notwithstanding the foregoing, Supplier Confidential Information shall not include information that: (i) is or becomes generally known or available by public disclosure, commercial use or otherwise and is not in contravention of this Contract; (ii) is known and has been reduced to tangible form by the receiving party before the time of disclosure for the first time under this Contract and without other obligations of confidentiality; (iii) is independently developed without the use of any of Supplier Confidential Information; (iv) is lawfully obtained from a third party (without any confidentiality obligation) who has the right to make such disclosure or (v) résumé, pricing or marketing materials provided to the State. In addition, the obligations in this section shall not apply to the extent that the applicable law or regulation requires disclosure of Supplier Confidential Information, provided that the Customer provides reasonable written notice, pursuant to Contract notice provisions, to the Supplier so that the Supplier may promptly seek a protective order or other appropriate remedy.

11.8 Except for information deemed confidential by the State pursuant to applicable law, rule, regulation, or policy, the parties agree Contract terms and information are not confidential and are disclosable without further approval of or notice to the Supplier.

12 Conflict of Interest

In addition to any requirement of law or of a professional code of ethics or conduct, the Supplier, its employees, agents and subcontractors are required to disclose any outside activity or interest that conflicts or may conflict with the best interest of the State. Prompt disclosure is required under this section if the activity or interest is related, directly or indirectly, to any person or entity currently under contract with or seeking to do business with the State, its employees or any other third-party individual or entity awarded a contract with the State. Further, as long as the Supplier has an obligation under the Contract, any plan, preparation or engagement in any such activity or interest shall not occur without prior written approval of the State. Any conflict of interest shall, at the sole discretion of the State, be grounds for partial or whole termination of the Contract.

13 Assignment and Permitted Subcontractors

13.1 Supplier's obligations under the Contract may not be assigned or transferred to any other person or entity without the prior written consent of the State which may be withheld at the State's sole discretion. Should Supplier assign its rights to payment, in whole or in part, under the Contract, Supplier shall provide the State and all affected Customers with written notice of the assignment. Such written notice shall be delivered timely and contain details sufficient for affected Customers to perform payment obligations without any delay caused by the assignment.

13.2 Notwithstanding the foregoing, the Contract may be assigned by Supplier to any corporation or other entity in connection with a merger, consolidation, sale of all equity interests of the Supplier, or a sale of all or substantially all of the assets of the Supplier to which the Contract relates. In any such case, said corporation or other entity shall by operation of law or expressly in writing assume all obligations of the Supplier as fully as if it had been originally made a party to the Contract. Supplier shall give the State and all affected Customers prior written notice of said assignment. Any assignment or delegation in violation of this subsection shall be void.

13.3 If the Supplier is permitted to utilize subcontractors in support of the Contract, the Supplier shall remain solely responsible for its obligations under the terms of the Contract, for its actions and omissions and those of its agents, employees and subcontractors and for payments to such persons or entities. Prior to a subcontractor being utilized by the Supplier, the Supplier shall obtain written

approval of the State of such subcontractor and each employee, as applicable to a particular Acquisition, of such subcontractor proposed for use by the Supplier. Such approval is within the sole discretion of the State. Any proposed subcontractor shall be identified by entity name, and by employee name, if required by the particular Acquisition, in the applicable proposal and shall include the nature of the services to be performed. As part of the approval request, the Supplier shall provide a copy of a written agreement executed by the Supplier and subcontractor setting forth that such subcontractor is bound by and agrees, as applicable, to perform the same covenants and be subject to the same conditions and make identical certifications to the same facts and criteria, as the Supplier under the terms of all applicable Contract Documents. Supplier agrees that maintaining such agreement with any subcontractor and obtaining prior written approval by the State of any subcontractor and associated employees shall be a continuing obligation. The State further reserves the right to revoke approval of a subcontractor or an employee thereof in instances of poor performance, misconduct or for other similar reasons.

13.4 All payments under the Contract shall be made directly to the Supplier, except as provided in 13.1 above regarding the Supplier's assignment of payment. No payment shall be made to the Supplier for performance by unapproved or disapproved employees of the Supplier or a subcontractor.

13.5 Rights and obligations of the State or a Customer under the terms of this Contract may be assigned or transferred, at no additional cost, to other Customer entities.

14 Background Checks and Criminal History Investigations

Prior to the commencement of any services, background checks and criminal history investigations of the Supplier's employees and subcontractors who will be providing services may be required and, if so, the required information shall be provided to the State in a timely manner. Supplier's access to facilities, data and information may be withheld prior to completion of background verification acceptable to the State. The costs of additional background checks beyond Supplier's normal hiring practices shall be the responsibility of the Customer unless such additional background checks are required solely because Supplier will not provide results of its otherwise acceptable normal background checks; in such an instance, Supplier shall pay for the additional background checks. Supplier will coordinate with the State and its employees to complete the necessary background checks and criminal history investigations. Should any employee or subcontractor of the Supplier who will be providing services under the Contract not be acceptable as a result of the background check or criminal history investigation, the Customer may require replacement of the employee or subcontractor in question and, if no suitable replacement is made within a reasonable time, terminate the purchase order or other payment mechanism associated with the project or services.

15 Patents and Copyrights

Without exception, a product or deliverable price shall include all royalties or costs owed by the Supplier to any third party arising from the use of a patent, intellectual property, copyright or other property right held by such third party. Should any third party threaten or make a claim that any portion of a product or service provided by Supplier under the Contract infringes that party's patent, intellectual property, copyright or other property right, Supplier shall enable each affected Customer to legally continue to use, or modify for use, the portion of the product or service at issue or replace such potentially infringing product, or re-perform or redeliver in the case of a service, with at least a functional non-infringing equivalent. Supplier's duty under this section shall extend to include any other product or service rendered materially unusable as intended due to replacement or modification of the product or service at issue. If the Supplier determines that none of these alternatives are reasonably available, the State shall return such portion of the product or deliverable at issue to the Supplier, upon written request, in exchange for a refund of the price paid for such returned goods as well as a refund or reimbursement, if applicable, of the cost of any other product or deliverable rendered materially unusable as intended due to removal of the portion of product or deliverable at issue. Any remedy provided under this section is not an exclusive remedy and is not intended to operate as a waiver of legal or equitable remedies because of acceptance of relief provided by Supplier.

16 Indemnification

16.1 Acts or Omissions

- A.** Supplier shall defend and indemnify the Indemnified Parties, as applicable, for any and all liability, claims, damages, losses, costs, expenses, demands, suits and actions of third parties (including without limitation reasonable attorneys' fees and costs required to establish the right to indemnification) arising out of, or resulting from any action or claim for bodily injury, death, or property damage brought against any of the Indemnified parties to the extent arising from any negligent act or omission or willful misconduct of the Supplier or its agents, employees, or subcontractors in the execution or performance of the Contract.
- B.** To the extent Supplier is found liable for loss, damage, or destruction of any property of Customer due to negligence, misconduct, wrongful act, or omission on the part of the Supplier, its employees, agents, representatives, or subcontractors, the Supplier and Customer shall use best efforts to mutually negotiate an equitable settlement amount to repair or replace the property unless such loss, damage or destruction is of such a magnitude that repair or replacement is not a reasonable

option. Such amount shall be invoiced to, and is payable by, Supplier sixty (60) calendar days after the date of Supplier's receipt of an invoice for the negotiated settlement amount.

16.2 Infringement

Supplier shall indemnify the Indemnified Parties, as applicable, for all liability, claims, damages, losses, costs, expenses, demands, suits and actions of third parties (including without limitation reasonable attorneys' fees and costs required to establish the right to indemnification) arising from or in connection with Supplier's breach of its representations and warranties in the Contract or alleged infringement of any patent, intellectual property, copyright or other property right in connection with a product or service provided under the Contract. Supplier's duty under this section is reduced to the extent a claimed infringement results from: (a) a Customer's or user's content; (b) modifications by Customer or third party to a product delivered under the Contract or combinations of the product with any non-Supplier-provided services or products unless Supplier recommended or participated in such modification or combination; (c) use of a product or service by Customer in violation of the Contract unless done so at the direction of Supplier, or (d) a non-Supplier product that has not been provided to the State by, through or on behalf of Supplier as opposed to its combination with products Supplier provides to or develops for the State or a Customer as a system.

16.3 Notice and Cooperation

In connection with indemnification obligations under the Contract, the parties agree to furnish prompt written notice to each other of any third-party claim. Any Customer affected by the claim will reasonably cooperate with Supplier and defense of the claim to the extent its interests are aligned with Supplier. Supplier shall use counsel reasonably experienced in the subject matter at issue and will not settle a claim without the written consent of the party being defended, which consent will not be unreasonably withheld or delayed, except that no consent will be required to settle a claim against Indemnified Parties that are not a State agency, where relief against the Indemnified Parties is limited to monetary damages that are paid by the defending party under indemnification provisions of the Contract.

16.4 Coordination of Defense

In connection with indemnification obligations under the Contract, when a State agency is a named defendant in any filed or threatened lawsuit, the defense of the State agency shall be coordinated by the Attorney General of

Oklahoma, or the Attorney General may authorize the Supplier to control the defense and any related settlement negotiations; provided, however, Supplier shall not agree to any settlement of claims against the State without obtaining advance written concurrence from the Attorney General. If the Attorney General does not authorize sole control of the defense and settlement negotiations to Supplier, Supplier shall have authorization to equally participate in any proceeding related to the indemnity obligation under the Contract and shall remain responsible to indemnify the applicable Indemnified Parties.

16.5 Limitation of Liability

- A.** With respect to any claim or cause of action arising under or related to the Contract, neither the State nor any Customer shall be liable to Supplier for lost profits, lost sales or business expenditures, investments, or commitments in connection with any business, loss of any goodwill, or for any other indirect, incidental, punitive, special or consequential damages, even if advised of the possibility of such damages.
- B.** Notwithstanding anything to the contrary in the Contract, no provision shall limit damages, expenses, costs, actions, claims, and liabilities arising from or related to property damage, bodily injury or death caused by Supplier or its employees, agents or subcontractors; indemnity, security or confidentiality obligations under the Contract; the bad faith, negligence, intentional misconduct or other acts for which applicable law does not allow exemption from liability of Supplier or its employees, agents or subcontractors.
- C.** The limitation of liability and disclaimers set forth in the Contract will apply regardless of whether Customer has accepted a product or service. The parties agree that Supplier has set its fees and entered into the Contract in reliance on the disclaimers and limitations set forth herein, that the same reflect an allocation of risk between the parties and form an essential basis of the bargain between the parties. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy.

17 Termination for Funding Insufficiency

- 17.1** Notwithstanding anything to the contrary in any Contract Document, the State may terminate the Contract in whole or in part if funds sufficient to pay obligations under the Contract are not appropriated or received from an intended third-party funding source. In the event of such insufficiency,

Supplier will be provided at least fifteen (15) calendar days' written notice of termination. Any partial termination of the Contract under this section shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that are not terminated. The determination by the State of insufficient funding shall be accepted by, and shall be final and binding on, the Supplier.

17.2 Upon receipt of notice of a termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contract or certain obligations are terminated shall be refunded.

17.3 The State's exercise of its right to terminate the Contract under this section shall not be considered a default or breach under the Contract or relieve the Supplier of any liability for claims arising under the Contract.

18 Termination for Cause

18.1 Supplier may terminate the Contract if (i) it has provided the State with written notice of material breach and (ii) the State fails to cure such material breach within thirty (30) days of receipt of written notice. If there is more than one Customer, material breach by a Customer does not give rise to a claim of material breach as grounds for termination by Supplier of the Contract as a whole. The State may terminate the Contract in whole or in part if (i) it has provided Supplier with written notice of material breach, and (ii) Supplier fails to cure such material breach within thirty (30) days of receipt of written notice. Any partial termination of the Contract under this section shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that are not terminated.

18.2 The State may terminate the Contract in whole or in part immediately without a thirty (30) day written notice to Supplier if (i) Supplier fails to comply with confidentiality, privacy, security, environmental or safety requirements applicable to Supplier's performance or obligations under the Contract; (ii) Supplier's material breach is reasonably determined to be an impediment to the function of the State and detrimental to the State or to cause a condition precluding the thirty (30) day notice or (iii) when the State determines

that an administrative error in connection with award of the Contract occurred prior to Contract performance.

18.3 Upon receipt of notice of a termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Such termination is not an exclusive remedy but is in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contract or certain obligations are terminated shall be refunded. Termination of the Contract under this section, in whole or in part, shall not relieve the Supplier of liability for claims arising under the Contract.

18.4 The Supplier's repeated failure to provide an acceptable product or service; Supplier's unilateral revision of linked or supplemental terms that have a materially adverse impact on a Customer's rights or obligations under the Contract (except as required by a governmental authority); actual or anticipated failure of Supplier to perform its obligations under the Contract; Supplier's inability to pay its debts when due; assignment for the benefit of Supplier's creditors; or voluntary or involuntary appointment of a receiver or filing of bankruptcy of Supplier shall constitute a material breach of the Supplier's obligations, which may result in partial or whole termination of the Contract. This subsection is not intended as an exhaustive list of material breach conditions. Termination may also result from other instances of failure to adhere to the Contract provisions and for other reasons provided for by applicable law, rules or regulations; without limitation, OAC 260:115-9-1 is an example.

19 Termination for Convenience

19.1 The State may terminate the Contract, in whole or in part, for convenience if it is determined that termination is in the State's best interest. In the event of a termination for convenience, Supplier will be provided at least thirty (30) days' written notice of termination. Any partial termination of the Contract shall not be construed as a waiver of, and shall not affect, the rights and obligations of any party regarding portions of the Contract that remain in effect.

19.2 Upon receipt of notice of such termination, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been

accepted as satisfactory prior to the effective date of termination, the termination does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract or for any damages or other amounts caused by or associated with such termination. Such termination shall not be an exclusive remedy but shall be in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees that are unused when the Contract or certain obligations are terminated shall be refunded. Termination of the Contract under this section, in whole or in part, shall not relieve the Supplier of liability for claims arising under the Contract.

20 Suspension of Supplier

- 20.1** Supplier may be subject to Suspension without advance notice and may additionally be suspended from activities under the Contract if Supplier fails to comply with confidentiality, privacy, security, environmental or safety requirements applicable to Supplier's performance or obligations under the Contract.
- 20.2** Upon receipt of a notice pursuant to this section, Supplier shall immediately comply with the notice terms and take all necessary steps to minimize the incurrence of costs allocable to the work affected by the notice. If a purchase order or other payment mechanism has been issued and a product or service has been accepted as satisfactory prior to receipt of notice by Supplier, the Suspension does not relieve an obligation to pay for the product or service but there shall not be any liability for further payments ordinarily due under the Contract during a period of Suspension or suspended activity or for any damages or other amounts caused by or associated with such Suspension or suspended activity. A right exercised under this section shall not be an exclusive remedy but shall be in addition to any other rights and remedies provided for by law. Any amount paid to Supplier in the form of prepaid fees attributable to a period of Suspension or suspended activity shall be refunded.
- 20.3** Such Suspension may be removed, or suspended activity may resume, at the earlier of such time as a formal notice is issued that authorizes the resumption of performance under the Contract or at such time as a purchase order or other appropriate encumbrance document is issued. This subsection is not intended to operate as an affirmative statement that such resumption will occur.

21 Certification Regarding Debarment, Suspension, and Other Responsibility Matters

The certification made by Supplier with respect to Debarment, Suspension, certain indictments, convictions, civil judgments and terminated public contracts is a material representation of fact upon which reliance was placed when entering into the Contract. A determination that Supplier knowingly rendered an erroneous certification, in

addition to other available remedies, may result in whole or partial termination of the Contract for Supplier's default. Additionally, Supplier shall promptly provide written notice to the State Purchasing Director if the certification becomes erroneous due to changed circumstances.

22 Certification Regarding State Employees Prohibition From Fulfilling Services

Pursuant to 74 O.S. § 85.42, the Supplier certifies that no person involved in any manner in development of the Contract employed by the State shall be employed to fulfill any services provided under the Contract.

23 Force Majeure

23.1 Either party shall be temporarily excused from performance to the extent delayed as a result of unforeseen causes beyond its reasonable control including fire or other similar casualty, act of God, strike or labor dispute, war or other violence, or any law, order or requirement of any governmental agency or authority provided the party experiencing the force majeure event has prudently and promptly acted to take any and all steps within the party's control to ensure continued performance and to shorten duration of the event. If a party's performance of its obligations is materially hindered as a result of a force majeure event, such party shall promptly notify the other party of its best reasonable assessment of the nature and duration of the force majeure event and steps it is taking, and plans to take, to mitigate the effects of the force majeure event. The party shall use commercially reasonable best efforts to continue performance to the extent possible during such event and resume full performance as soon as reasonably practicable.

23.2 Subject to the conditions set forth above, non-performance as a result of a force majeure event shall not be deemed a default. However, a purchase order or other payment mechanism may be terminated if Supplier cannot cause delivery of a product or service in a timely manner to meet the business needs of Customer. Supplier is not entitled to payment for products or services not received and, therefore, amounts payable to Supplier during the force majeure event shall be equitably adjusted downward.

23.3 Notwithstanding the foregoing or any other provision in the Contract, (i) the following are not a force majeure event under the Contract: (a) shutdowns, disruptions or malfunctions in Supplier's system or any of Supplier's telecommunication or internet services other than as a result of general and widespread internet or telecommunications failures that are not limited to Supplier's systems or (b) the delay or failure of Supplier or subcontractor personnel to perform any obligation of Supplier hereunder unless such delay or failure to perform is itself by reason of a force majeure event and (ii) no force majeure event modifies or excuses Supplier's obligations related to confidentiality,

indemnification, data security or breach notification obligations set forth herein.

24 Security of Property and Personnel

In connection with Supplier's performance under the Contract, Supplier may have access to Customer personnel, premises, data, records, equipment and other property. Supplier shall use commercially reasonable best efforts to preserve the safety and security of such personnel, premises, data, records, equipment, and other property of Customer. Supplier shall be responsible for damage to such property to the extent such damage is caused by its employees or subcontractors and shall be responsible for loss of Customer property in its possession, regardless of cause. If Supplier fails to comply with Customer's security requirements, Supplier is subject to immediate suspension of work as well as termination of the associated purchase order or other payment mechanism.

25 Notices

All notices, approvals or requests allowed or required by the terms of any Contract Document shall be in writing, reference the Contract with specificity and deemed delivered upon receipt or upon refusal of the intended party to accept receipt of the notice. In addition to other notice requirements in the Contract and the designated Supplier contact provided in a successful Bid, notices shall be sent to the State at the physical address set forth below. Notice information may be updated in writing to the other party as necessary. Notwithstanding any other provision of the Contract, confidentiality, breach and termination-related notices shall not be delivered solely via e-mail.

If sent to the State:

State Purchasing Director
2401 N. Lincoln Blvd., Second Floor
Oklahoma City, Oklahoma 73105

With a copy, which shall not constitute notice, to:

Purchasing Division Deputy General Counsel
2401 N. Lincoln Blvd., Second Floor
Oklahoma City, Oklahoma 73105

26 Miscellaneous

26.1 Choice of Law and Venue

Any claim, dispute, or litigation relating to the Contract Documents, in the singular or in the aggregate, shall be governed by the laws of the State without regard to application of choice of law principles. Pursuant to 74 O.S. §85.7(F),

where federal granted funds are involved, applicable federal laws, rules and regulations shall govern to the extent necessary to insure benefit of such federal funds to the State. Venue for any action, claim, dispute, or litigation relating in any way to the Contract Documents, shall be in Oklahoma County, Oklahoma. The State expressly declines any terms that minimize its rights under Oklahoma law, including but not limited to, Statutes of Limitations.

26.2 No Guarantee of Products or Services Required

The State shall not guarantee any minimum or maximum amount of Supplier products or services required under the Contract.

26.3 Employment Relationship

The Contract does not create an employment relationship. Individuals providing products or performing services pursuant to the Contract are not employees of the State or Customer and, accordingly are not eligible for any rights or benefits whatsoever accruing to such employees.

26.4 Transition Services

If transition services are needed at the time of Contract expiration or termination, Supplier shall provide such services on a month-to-month basis, at the contract rate or other mutually agreed rate. Supplier shall provide a proposed transition plan, upon request, and cooperate with any successor supplier and with establishing a mutually agreeable transition plan. Failure to cooperate may be documented as poor performance of Supplier.

26.5 Publicity

The existence of the Contract or any Acquisition is in no way an endorsement of Supplier, the products or services and shall not be so construed by Supplier in any advertising or publicity materials. Supplier agrees to submit to the State all advertising, sales, promotion, and other publicity matters relating to the Contract wherein the name of the State or any Customer is mentioned or language used from which, in the State's judgment, an endorsement may be inferred or implied. Supplier further agrees not to publish or use such advertising, sales promotion, or publicity matter or release any informational pamphlets, notices, press releases, research reports, or similar public notices concerning the Contract or any Acquisition hereunder without obtaining the prior written approval of the State.

26.6 Open Records Act

Supplier acknowledges that all State agencies and certain other Customers are subject to the Oklahoma Open Records Act set forth at 51 O.S. §24A-1 *et seq.*

Supplier also acknowledges that compliance with the Oklahoma Open Records Act and all opinions of the Oklahoma Attorney General concerning the Act is required.

26.7 Failure to Enforce

Failure by the State or a Customer at any time to enforce a provision of, or exercise a right under, the Contract shall not be construed as a waiver of any such provision. Such failure to enforce or exercise shall not affect the validity of any Contract Document, or any part thereof, or the right of the State or a Customer to enforce any provision of, or exercise any right under, the Contract at any time in accordance with its terms. Likewise, a waiver of a breach of any provision of a Contract Document shall not affect or waive a subsequent breach of the same provision or a breach of any other provision in the Contract.

26.8 Mutual Responsibilities

- A.** No party to the Contract grants the other the right to use any trademarks, trade names, other designations in any promotion or publication without the express written consent by the other party.
- B.** The Contract is a non-exclusive contract and each party is free to enter into similar agreements with others.
- C.** The Customer and Supplier each grant the other only the licenses and rights specified in the Contract and all other rights and interests are expressly reserved.
- D.** The Customer and Supplier shall reasonably cooperate with each other and any Supplier to which the provision of a product and/or service under the Contract may be transitioned after termination or expiration of the Contract.
- E.** Except as otherwise set forth herein, where approval, acceptance, consent, or similar action by a party is required under the Contract, such action shall not be unreasonably delayed or withheld.

26.9 Invalid Term or Condition

To the extent any term or condition in the Contract conflicts with a compulsory applicable State or United States law or regulation, such Contract term or condition is void and unenforceable. By executing any Contract Document which contains a conflicting term or condition, no representation or warranty is made regarding the enforceability of such term or condition. Likewise, any applicable State or federal law or regulation which conflicts with the Contract

or any non-conflicting applicable State or federal law or regulation is not waived.

26.10 Severability

If any provision of a Contract Document, or the application of any term or condition to any party or circumstances, is held invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable and the application of such provision to other parties or circumstances shall remain valid and in full force and effect. If a court finds that any provision of this contract is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

26.11 Section Headings

The headings used in any Contract Document are for convenience only and do not constitute terms of the Contract.

26.12 Sovereign Immunity

Notwithstanding any provision in the Contract, the Contract is entered into subject to the State's Constitution, statutes, common law, regulations, and the doctrine of sovereign immunity, none of which are waived by the State nor any other right or defense available to the State.

26.13 Survival

As applicable, performance under all license, subscription, service agreements, statements of work, transition plans and other similar Contract Documents entered into between the parties under the terms of the Contract shall survive Contract expiration. Additionally, rights and obligations under the Contract which by their nature should survive including, without limitation, certain payment obligations invoiced prior to expiration or termination; confidentiality obligations; security incident and data breach obligations and indemnification obligations, remain in effect after expiration or termination of the Contract.

26.14 Entire Agreement

The Contract Documents taken together as a whole constitute the entire agreement between the parties. No statement, promise, condition, understanding, inducement or representation, oral or written, expressed or implied, which is not contained in a Contract Document shall be binding or valid. The Supplier's representations and certifications, including any completed electronically, are incorporated by reference into the Contract.

26.15 Gratuities

The Contract may be immediately terminated, in whole or in part, by written notice if it is determined that the Supplier, its employee, agent, or another representative violated any federal, State or local law, rule or ordinance by offering or giving a gratuity to any State employee directly involved in the Contract. In addition, Suspension or Debarment of the Supplier may result from such a violation.

26.16 Import/Export Controls

Neither party will use, distribute, transfer or transmit any equipment, services, software or technical information provided under the Contract (even if incorporated into other products) except in compliance with all applicable import and export laws, conventions and regulations.

ATTACHMENT C

OKLAHOMA STATEWIDE CONTRACT TERMS

1. Statewide Contract Type

- 1.1** The Contract is a non-mandatory statewide contract for use by State agencies. Additionally, the Contract may be used by any governmental entity specified as a political subdivision of the State pursuant to the Governmental Tort Claims Act including any associated institution, instrumentality, board, commission, committee, department or other entity designated to act on behalf of the political subdivision; a state, county or local governmental entity in its state of origin; and entities authorized to utilize contracts by the State via a multistate or multigovernmental contract.
- 1.2** The Contract is a firm, fixed price contract for indefinite delivery and quantity for the Acquisitions available under the Contract.

2. Orders and Amendments

- 2.1** Unless mutually agreed in writing otherwise, orders shall be placed directly with the Supplier by issuance of written purchase orders or by Purchase Card by state agencies and other authorized entities. All orders are subject to the Contract terms and any order dated prior to Contract expiration shall be performed. Delivery to multiple destinations may be required.
- 2.2** Any ordering document shall be effective between Supplier and the Customer only and shall not be an Amendment to the Contract in its entirety or apply to any Acquisition by another Customer.
- 2.3** Additional terms added to a Contract Document by a Customer shall be effective if the additional terms do not conflict with the General Terms and are acceptable to Supplier. However, an Amendment to the Contract shall be signed by the State Purchasing Director or designee. Regarding information technology and telecommunications contracts, pursuant to 62 O.S., §34.11.1, the Chief Information Officer acts as the Information Technology and Telecommunications Purchasing Director.

3. Termination

All terms in this Contract relating to termination flow through to the Customer. A customer may terminate for funding insufficiency, cause or convenience any order or agreement made pursuant to this Contract. The termination must be done according to terms set forth in this Contract.

4. No Guarantee of Products or Services Required

The State shall not guarantee any minimum or maximum amount of Supplier products or services required under the Contract.

5. Contract Management Fee and Usage Report

5.1 Pursuant to 74 O.S. § 85.33A, the State assesses a contract management fee on all transactions under a statewide contract. The payment of such fee will be calculated for all transactions, net of returns and the Supplier has no right of setoff against such fee regardless of the payment status of any Customer or any aggregate accounts receivable percentage. Supplier acknowledges and agrees that all prices quoted under any statewide contract shall include the contract management fee and the contract management fee shall not be reflected as a separate line item in Supplier's billing. The State reserves the right to change this fee upward or downward upon sixty (60) calendar days' written notice to Supplier without further requirement for an Amendment.

5.2 While Supplier is the awardee of a statewide contract, transactions that occur under the terms of the statewide contract are subject to a one percent (1%) contract management fee to be paid by Supplier. Supplier shall submit a Contract Usage Report on a quarterly basis for each contract using a form provided by the State and such report shall include applicable information for each transaction. Reports shall include usage of the statewide contract by every Customer during the applicable quarter. A singular report provided late will not be considered a breach of the statewide contract; provided, however, repeated failure to submit accurate quarterly usage reports and submit timely payments may result in suspension or termination, in whole or in part, of the Contract.

5.3 All Contract Usage Reports shall meet the following criteria:

- i.** Electronic submission in Microsoft Excel format to strategic.sourcing@omes.ok.gov;

- ii. Quarterly submission regardless of whether there were transactions under the Contract during the applicable quarterly reporting period;
- iii. Submission no later than forty-five (45) days following the end of each calendar quarter;
- iv. Contract quarterly reporting periods shall be as follows:
 - a. January 01 through March 31;
 - b. April 01 through June 30;
 - c. July 01 through September 30; and
 - d. October 01 through December 31.
 - e. Reports must include the following information:
 - f. Procuring entity;
 - g. Order date;
 - h. Purchase Order number or note that the transaction was paid by Purchase Card;
 - i. City in which products or services were received or specific office or subdivision title;
 - j. Product manufacturer or type of service;
 - k. Manufacturer item number, if applicable;
 - l. Product description;
 - m. General product category, if applicable;
 - n. Quantity;
 - o. Unit list price or MSRP, as applicable;
 - p. Unit price charged to the purchasing entity; and
 - q. Other Contract usage information requested by the State.

- 5.4** Payment of the contract management fee shall be delivered to the address below, or by setting up ACH. Payments must be received within forty-five (45) calendar days after the end of each quarterly reporting period.

Office of Management and Enterprise Services
P.O. Box 248984
Oklahoma City, Oklahoma 73124-8984

To ensure payment is properly accounted for, Supplier shall provide the following information with payment: (i) reference to the applicable Contract Usage Report and quarterly reporting period and (ii) the applicable statewide contract number(s) and the amount of the contract management fee being paid for each contract number.

ATTACHMENT D

Intentionally left blank.

EXHIBIT#1 - TECHNICAL RESPONSE

Sewer Cleaning & Inspection equipment

THE FOLLOWING QUESTIONS ARE TO BE ANSWERD IN FULL. PLEASE USE THE NUMBERING SYSTEM AND MICROSOFT WORD TO ANSWER THE QUESTIONS AND ATTACH TO YOUR RESPONSE.

Technical Requirements

1. Do you, the manufacturer, or your dealers in your network offer any value-added incentives to purchase such as seasonal sales? Yes_____ No X_____, and if so, how would you incorporate special sale situations in the contract?
2. Have you ever had a recall situation for any of your equipment? Yes_____ No X_____, and if yes, approximately how much of a negative impact in a dollar amount was it to the company to repair/replace the equipment? _____.
3. Has your company ever filed for Bankruptcy? Yes_____ No X_____.
4. How long does it take usually from the building of the equipment until delivery?
3 Weeks ARO_____.
5. How many years has your company been in business? 53_____.
6. Will you offer discounts on your extended warranties? Yes_____ No X_____. If yes, please include in your response the types of extended warranties and the terms. If No, still include the types and terms of your extended warranty plans.
7. Do you offer green options for hydraulic fluids? Yes_____ No X_____. If yes, please provide specifications for the fluid.
8. For the products that are not an "all in one" product, please describe the ordering process including locations where products are assembled and if chassis is provided by your company, whether or not the chassis is new and if not, then how the chassis selection process is made and by whom, the customer or your company.
9. Please provide your parts return policy as well as any restocking fee for parts incorrectly ordered for the customer.
10. Central Purchasing is very limited in the marketing of products to the government entities across the state. Please describe your plan for marketing your products to the government entities. (Trade shows, government employee organizations, publications, etc.) If you already have brochures or other marketing tools, please provide a sample.

Section Eight

Pricing

Pricing Associated with this bid is by Manufacturer.

Sewer Cleaning Equipment for Trailer and Truck Mounting
Manufacturer

American Sewer Parts

Catalog	2023
Price List Date	2024
Discount	0%

Shamrock/Triton

Catalog	2024, Pages 1-56
Price List Date	2024, Pages 1-56
Discount	5%

Southland Tool 2024

Catalog	2024
Price List Date	2024
Discount	10%

USB

Catalog	2024/2025
Price List Date	2022 (Still Current)
Discount	2%

Serving Contractors and Municipalities Since 1970

PAT WHITE

Vice President

ICM of Oklahoma City

5321 S.W. 11th* Oklahoma City, OK 73128

Mobile 405-834-4604 * Office 405-235-2609 * FAX 405-235-2610

e-mail: pwhite@icm-inc.us

Web Address: www.icm-oklahomacity.com

**THE
CONTRACTOR'S
CONTACT.**



Sewer Inspection Equipment

Manufacturer

Hathorn

Catalog	2024
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Price List Date	2024
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Discount	5%
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Insight Vision

Catalog	2023
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Price List Date	2023
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Discount	0%
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Trio-Vision

Catalog	2024
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Price List Date	2024
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Discount	0%
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2024 PRICE LIST

Item	Description	24' Price
30-0990-100	FOOTAGE COUNTER, 7-2245 CW/RH 10CNT	117.67
6028	ROLLER, NYLON 2"	15.25
7600-10	SAW BLADE, 10" SPIRAL..BLUE	105.00
7600-10C	SAW BLADE, 10" SPIRAL, CARBIDE	375.00
7600-10CW	BLADE, 10" SPIRAL W/ CARBIDE AND WEAR PAD	435.00
7600-10H	SAW BLADE, 10" SPIRAL W/HUB	142.90
7600-10NP	BLADE, 10" SPIRAL NON PAINTED	105.00
7600-12	SAW BLADE, 12" SPIRAL..ORANGE	115.00
7600-12C	SAW BLADE, 12" SPIRAL, CARBIDE	435.00
7600-12CW	BLADE, 12" SPIRAL W/ CARBIDE AND WEAR PAD	525.00
7600-12H	SAW BLADE, 12" SPIRAL W/HUB	153.74
7600-12NP	BLADE, 12" SPIRAL NOT PAINTED	115.00
7600-15	SAW BLADE, 15" SPIRAL..PURPLE	133.00
7600-15C	SAW BLADE, 15" SPIRAL, CARBIDE	510.00
7600-15CW	BLADE, 15" SPIRAL W/CARBIDE AND WEAR PAD	625.00
7600-15H	SAW BLADE, 15" SPIRAL W/HUB	170.85
7600-15NP	SAW BLADE, 15" SPIRAL NOT PAINTED	133.00
7600-18	SAW BLADE, 18" SPIRAL	182.85
7600-18C	SAW BLADE, 18" SPIRAL, CARBIDE	630.00
7600-18CW	BLADE, 18" SPIRAL W/ CARBIDE AND WEAR PAD	790.00
7600-18H	SAW BLADE, 18" SPIRAL W/HUB	222.00
7600-18NP	BLADE, 18" SPIRAL NOT PAINTED	182.85
7600-18R	BLADE, SPIRAL 18" REINFORCED	225.00
7600-4	SAW BLADE, 4" SPIRAL..GREEN	68.00
7600-4H	SAW BLADE, 4" SPIRAL W/HUB	102.50
7600-6	SAW BLADE, 6" SPIRAL..RED	85.00
7600-6C	6" SPIRAL BLADE W/ CARBIDE	305.00
7600-6CW	BLADE, 6" SPIRAL WITH CARBIDES AND WEAR PADS	380.00
7600-6H	SAW BLADE, 6" SPIRAL W/HUB	119.50
7600-6NP	BLADE, 6" SPIRAL NOT PAINTED	85.00
7600-8	SAW BLADE, 8" SPIRAL..WHITE	92.50
7600-8C	SAW BLADE, 8" SPIRAL, CARBIDE	330.00
7600-8CW.	SAW BLADE, 8" SPIRAL W/ CARBIDE AND WEAR PAD	415.00
7600-8H	SAW BLADE, 8" SPIRAL W/HUB	127.50
7600-8NP	BLADE, 8" SPIRAL NOT PAINTED	92.50
7600C-10	SAW BLADE, 10" CONCAVE..BLUE	97.50
7600C-10C	SAW BLADE, 10" CONCAVE, CARBIDE	362.00
7600C-10CW	BLADE, 10" CONCAVE CUTTER W/ CARBIDE AND WEAR PAD	440.00
7600C-10H	SAW BLADE, 10" CONCAVE W/HUB	132.00
7600C-10NP	BLADE, 10" CONCAVE NOT PAINTED	97.50
7600C-12	SAW BLADE, 12" CONCAVE..ORANGE	110.00
7600C-12C	SAW BLADE, 12" CONCAVE, CARBIDE	427.50
7600C-12CW	BLADE, 12" CONCAVE CUTTER W/ CARBIDE AND WEAR PAD	510.00
7600C-12H	SAW BLADE, 12" CONCAVE W/HUB	145.00
7600C-12NP	BLADE, 12" CONCAVE NOT PAINTED	110.00

2024 PRICE LIST

7600C-15	SAW BLADE, 15" CONCAVE..PURPLE	125.00
7600C-15C	SAW BLADE, 15" CONCAVE, CARBIDE	485.00
7600C-15CW	BLADE, 15" CONCAVE CUTTER W/ CARBIDE AND WEAR PAD	598.50
7600C-15H	SAW BLADE, 15" CONCAVE W/HUB	165.00
7600C-15NP	SAW BLADE, 15" CONCAVE NOT PAINTED	125.00
7600C-15NPR	SAW BLADE, 15" CONCAVE REINFORCED	160.00
7600C-18	SAW BLADE, 18" CONCAVE..GREY	140.00
7600C-18C	SAW BLADE, 18" CONCAVE, CARBIDE	595.00
7600C-18CW	BLADE, 18" CONCAVE CUTTER W/ CARBIDE AND WEAR PAD	738.00
7600C-18H	SAW BLADE, 18" CONCAVE W/HUB	180.00
7600C-18NP	SAW BLADE, 18" CONCAVE NOT PAINTED	140.00
7600C-18NPR	BLADE, 18" CONCAVE SAW NOT PAINTED REINFORCED	182.05
7600C-18R	BLADE, 18" CONCAVE SAW PAINTED REINFORCED	182.05
7600C-21C	BLADE, 21" CONCAVE REINFORCED WITH CARBIDE TEETH	825.00
7600C-21CW	BLADE, 21" CONCAVE WITH CARBIDES AND WEAR PADS	915.00
7600C-21NP	BLADE, 21" CONCAVE NOT PAINTED	240.00
7600C-21NPR	BLADE, 21" CONCAVE SAW NOT PAINTED REINFORCED	280.00
7600C-21R	BLADE, 21" CONCAVE SAW PAINTED W/ REINFORCED	280.00
7600C-4	SAW BLADE, 4" CONCAVE..GREEN	72.00
7600C-4H	SAW BLADE, 4" CONCAVE W/HUB	106.50
7600C-4NP	4" CONCAVE BLADE UNPAINTED	72.00
7600C-6	SAW BLADE, 6" CONCAVE..RED	80.00
7600C-6C	BLADE, 6" CONCAVE WITH CARBIDES	307.00
7600C-6CW	BLADE, 6" CONCAVE WITH CARBIDES AND WEAR PADS	382.25
7600C-6H	SAW BLADE, 6" CONCAVE W/HUB	114.50
7600C-6NP	BLADE, 6" CONCAVE NOT PAINTED	80.00
7600C-8	SAW BLADE, 8" CONCAVE..WHITE	90.00
7600C-8C	SAW BLADE, 8" CONCAVE, CARBIDE	327.00
7600C-8CW	BLADE, 8" CONCAVE CUTTER W/ CARBIDE AND WEAR PAD	405.00
7600C-8H	SAW BLADE, 8" CONCAVE W/HUB	124.50
7600C-8NP	BLADE, 8" CONCAVE NOT PAINTED	90.00
7600F-10	SAW BLADE, 10" FLAT..BLUE	90.00
7600F-10C.	SAW BLADE, 10" FLAT, CARBIDE	324.23
7600F-10CW	BLADE, 10" FLAT W/ CARBIDE AND WEAR PAD	408.89
7600F-10H	SAW BLADE, 10" FLAT W/HUB	124.50
7600F-10NP	10" FLAT BLADE NOT PAINTED	90.00
7600F-12	SAW BLADE, 12" FLAT..ORANGE	107.00
7600F-12C	SAW BLADE, 12" FLAT, CARBIDE	403.43
7600F-12CW	BLADE, 12" FLAT W/ CARBIDE AND WEAR PAD	504.08
7600F-12H	SAW BLADE, 12" FLAT W/HUB	141.50
7600F-12NP	12" FLAT BLADE NOT PAINTED	107.00
7600F-15	SAW BLADE, 15" FLAT..PURPLE	122.40
7600F-15C	SAW BLADE, 15" FLAT, CARBIDE	473.50
7600F-15CW	BLADE, 15" FLAT W/ CARBIDE AND WEAR PAD	583.70
7600F-15H	SAW BLADE, 15" FLAT W/HUB	156.90
7600F-15NP	15" FLAT BLADE NOT PAINTED	122.40
7600F-15NPR	BLADE, 15" FLAT NOT PAINTED REINFORCED	152.40

2024 PRICE LIST

7600F-18	SAW BLADE, 18" FLAT..GREY	138.70
7600F-18C	SAW BLADE, 18" FLAT, CARBIDE..WITH REINFORCEMENTS	577.00
7600F-18CW	BLADE, 18" FLAT W/ CARBIDE AND WEAR PAD..WITH REINFORCEMENTS	736.95
7600F-18H	SAW BLADE, 18" FLAT W/HUB	176.70
7600F-18NP	18" FLAT BLADE NOT PAINTED	138.70
7600F-18NPR	BLADE, 18" FLAT NOT PAINTED ..WITH REINFORCEMENTS	183.70
7600F-18R	BLADE, 18" FLAT PAINTED W/ ..REINFORCEMENTS	183.70
7600F-21C	SAW BLADE, 21" FLAT, CARBIDE..REINFORCED	734.00
7600F-21CW	BLADE, 21" FLAT CARBIDE W/ WEAR PADS..REINFORCED	895.00
7600F-21NP	BLADE, 21" FLAT NOT PAINTED	225.05
7600F-21NPR	BLADE, FLAT 21" NOT PAINTED REINFORCED	275.00
7600F-21R	BLADE, FLAT 21" PAINTED ..REINFORCED	275.00
7600F-24C	BLADE, 24" FLAT CARBIDE TIPPED..WITH REINFORCEMENTS	875.00
7600F-24NP	BLADE, 24" FLAT NOT PAINTED..	285.00
7600F-24NPR	BLADE, 24" FLAT NOT PAINTED REINFORCED	315.00
7600F-24R	BLADE, FLAT 24" PAINTED WITH..REINFORCED	315.00
7600F-4	SAW BLADE, 4" FLAT..GREEN	64.00
7600F-4H	SAW BLADE, 4" FLAT W/HUB	98.50
7600F-4NP	4" FLAT BLADE NOT PAINTED	64.00
7600F-6	SAW BLADE, 6" FLAT..RED	70.00
7600F-6C	SAW BLADE, 6" FLAT, CARBIDE	271.54
7600F-6CW	BLADE, 6" FLAT W/ CARBIDE AND WEAR PADS	354.70
7600F-6H	SAW BLADE, 6" FLAT W/HUB	100.50
7600F-6NP	6" FLAT BLADE NOT PAINTED	70.00
7600F-8	SAW BLADE, 8" FLAT..WHITE	80.00
7600F-8C	SAW BLADE, 8" FLAT, CARBIDE	294.20
7600F-8CW	BLADE, 8" FLAT W/ CARBIDE AND WEAR PAD	396.95
7600F-8H	SAW BLADE, 8" FLAT W/HUB	114.50
7600F-8NP	8" FLAT BLADE NOT PAINTED	80.00
7700-10	BLADE, FLEX STYLE 10"	87.36
7700-12	BLADE, FLEX STYLE 12"	90.76
7700-15	BLADE, FLEX STYLE 15"	96.00
7700-18	BLADE, FLEX STYLE 18"	132.02
7700-4	BLADE, FLEX STYLE 4"	68.09
7700-6	BLADE, FLEX STYLE 6"	76.25
7700-8	BLADE, FLEX STYLE 8"	86.02
950-0000C	MAINLINE, ROOT CUTTER/CONCAVE	1,450.00
950-0000CAK	MAINLINE, ROOT CUTTER/CAK TOOL	1,500.00
950-0000CAKW	ML ROOT CUTTER W/CAK/WHEELS	1,500.00
950-0000CW	ML ROOT CUTTER W/WHEELS/CONCAV	1,480.00
950-0000F	MAINLINE, ROOT CUTTER/FLAT	1,400.00
950-0000FB	MAINLINE, ROOT CUTTER FLEX	1,400.00
950-0000FW	ML ROOT CUTTER W/WHEELS/FLAT	1,430.00
950-0000NB	MAINLINE, ROOT CUTTER/NO BLDS	1,200.00
950-0000NBNS	ML ROOT CUTTER, NO BLADES / SKIDS	850.00
950-0000S	MAINLINE, ROOT CUTTER/SPIRAL	1,500.00
950-0000W	MAINLINE, CUTTER/WHEELS/SPIRAL	1,530.00

2024 PRICE LIST

950-0000WNB	ML, CUTTER/WHEELS/NO BLADES	1,180.00
950-100	NOZZLE, TAIL-SKID STYLE-NPT	274.17
950-1000C	DONUT, ROOT CUTTER/CONCAVE	1,300.00
950-1000F	DONUT, ROOT CUTTER/FLAT	1,275.00
950-1000FB	DONUT, ROOT CUTTER/FLEX BLADE	1,340.73
950-1000NB	DONUT, ROOT CUTTER NO BLADE	900.00
950-1000S	DONUT, ROOT CUTTER/SPIRAL	1,350.00
950-100NPR	NOZZLE, TAIL-SKID STYLE 1 1/4"	386.68
950-101	NOZZLE, TAIL DONUT STYLE	290.58
950-103	MAINLINE, 6" SKID SET	117.62
950-103-LG	MAINLINE, 6" SKID SET ..FOR LARGE DISPLACEMENT MOTOR	117.62
950-104	MAINLINE, 8" SKID SET	121.32
950-104-LG	MAINLINE, 8" SKID SET ..FOR LARGE DISPLACEMENT MOTOR	121.32
950-104R	SKID SET, 8" MAINLINE W/ WHEELS	173.30
950-105	MAINLINE, 10" SKID SET	126.29
950-105-LG	MAINLINE, 10" SKID SET ..FOR LARGE DISPLACEMENT MOTOR	126.29
950-105R	SKID SET, 10" MAINLINE W/ WHEELS	177.34
950-106	MAINLINE, 12" SKID SET	129.53
950-106-LG	MAINLINE, 12" SKID SET..FOR LARGE DISPLACEMENT MOTOR	129.53
950-106R	SKID SET, 12" MAINLINE W/ WHEELS	181.09
950-107	HUB, 1" MAINLINE ROOT CUTTER	34.50
950-108	DONUT SKID, FRONT	58.25
950-108/109HARD	KIT, HARDWARE - DONUT SKIDS	12.30
950-109	DONUT SKID, REAR	58.25
950-110	MOTOR, MAINLINE ROOT CUTTER	475.00
950-111D	MOTOR/DONUT TAIL NOZZLE ASSY	815.00
950-111NPR	MOTOR/TAIL NOZZLE ASSY 1 1/4"	862.00
950-111S	MOTOR/TAIL NOZZLE ASSY - ML	815.00
950-112	GEROTOR, MAINLINE MOTOR	507.20
950-113	FRONT FLANGE, ML MOTOR	95.74
950-114	WHEEL, ROOT CUTTER	8.10
950-114A	ROOT CUTTER SKIDS WHEEL/NUT/BOLT ASSY	14.80
950-115	MAINLINE, 15" SKID SET	132.30
950-115-LG	MAINLINE, 15" SKID SET..LARGE DISPLACEMENT MOTOR	132.30
950-115R	SKID SET, 15" MAINLINE W/ WHEELS	183.19
950-118	MAINLINE, 18" SKID SET	161.32
950-118-LG	MAINLINE, 18" SKID SET..FOR LARGE DISPLACEMENT MOTOR	161.32
950-121S	MAINLINE, 21" SKID SET	163.40
950-121S-LG	MAINLINE, 21" SKID SET..FOR LARGE DISPLACEMENT MOTOR	163.40
950-124	MAINLINE, 24" SKID SET	171.92
950-124-LG	MAINLINE, 24" SKID SET..FOR LARGE DISPLACEMENT MOTOR	171.92
950-2000C	LATERAL ROOT CUTTER W/CONCAVE	1,250.00
950-2000F	LATERAL ROOT CUTTER/FLAT	1,200.00
950-2000NB	LATERAL ROOT CUTTER/NO BLADE	1,075.00
950-2000S	LATERAL ROOT CUTTER/SPIRAL	1,300.00
950-2000W	LATERAL CUTTER/WHEELS/SPIRAL	1,325.00
950-210	MOTOR - LATERAL ROOT CUTTER	487.00

2024 PRICE LIST

950-212	TAIL NOZZLE, LATERAL RC	310.00
950-217	KEYWAY, LATERAL RC MOTOR 3/16" x 3/4"	3.50
950-219	MOTOR/TAIL NOZZLE ASSY-LAT'L	830.00
950-219-.75	MOTOR/TAIL NOZZLE ASSY-LAT'L - 3/4" FPT	830.00
950-220	HUB, 5/8" LATERAL ROOT CUTTER	37.30
950-226	SKID EXT, 6 LATERAL-SOLD IND.	15.75
950-228	SKID EXT, 8 LATERAL-SOLD IND.	16.50
950-230	SKID EXT, 10 LATERAL-SOLD IND.	19.25
950-232	SKID EXT, 12" LATERAL-SOLD IND	20.25
950-240	MTG BRACKET COLLAR, LATERAL SK	100.00
950-310	MOTOR / LG. DISPLACEMENT..	854.00
950-310KIT	310 MOTOR HARDWARE AND SEAL	15.00
950-311	MOTOR / TAIL NOZZLE ASSEMBLY..LARGE DISPLACEMENT	1,100.00
950-32	KEY, WOODRUFF 1/4"x1" - ML	2.60
950-38	SEAL KIT, MAINLINE MOTOR	54.95
950-39	BEARING, THRUST - MAINLINE	30.00
950-5000	CAK TOOL ASSEMBLY W/ 6", 8", 10" & 12" CABLES, 5" or 7" BORE CUTTER	480.00
950-5005-10	CABLES, 1/2"x10" (SET OF 2)	45.25
950-5005-12	CABLES, 1/2"x12" (SET OF 2)	47.80
950-5005-16	CABLES, 1/2"x16" (SET OF 2)	54.90
950-5005-18	CABLES, 1/2"x18" (SET OF 2)	58.30
950-5005-20	CABLES, 1/2"x20" (SET OF 2)	61.75
950-5005-24	CABLES, 1/2"x24" (SET OF 2)	66.30
950-5005-30	CABLES, 1/2"x30" (SET OF 2)	112.20
950-5005-4	CABLES, 1/2"x4" (SET OF 2)	37.50
950-5005-6	CABLES, 1/2"x6" (SET OF 2)	41.25
950-5005-8	CABLES, 1/2"x8" (SET OF 2)	43.25
950-5020	MAIN BODY, CAK TOOL	207.50
950-5150	CUTTER, 5" BLADE - CAK TOOL	87.00
950-5157	CUTTER, 7" BLADE - CAK TOOL	87.00
950-HARDWARE	KIT, HARDWARE - MAINLINE SKIDS	11.50
960-100	CHUCK, ML - 1" FLEX BLADE	98.20
960-200	CHUCK, LATERAL 5/8"-FLEX BLADE	98.20
A0-6A	FIN PIPE EXT. 1" x 4" x 14 3/4"	73.72
A02	TUBE STYLE EXT. 1" x 15"	168.38
A022	TUBE STYLE EXT. 1.25"x15"	174.62
A1-145	NOZZLE, SAND 24* 1" 45/2000	193.34
A1-160	NOZZLE, SAND 24* 1" 60/2000	212.67
A1-180	NOZZLE, SAND 24* 1" 80/2000	212.67
A3-12260	NOZZLE, MINI STORM 1" 60/2000..	132.14
A3-12280	NOZZLE, MINI STORM 1" 80/2000..	132.14
A3-1245	NOZZLE, LANCE PENE15* 1" 45/2000	90.61
A3-1260	NOZZLE, LANCE PENE15* 1" 60/2000	90.61
A3-1280	NOZZLE, LANCE PENE 15* 1" 80/2000	90.61
A3-145	NOZZLE, PENETRATOR 15* 1" 45/2000	77.00
A3-150	NOZZLE, PENETRATOR 15* 1" 50/2000	77.00
A3-150-3000	NOZZLE, PENETRATOR 15* 1" 50/3000	77.00

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A3-160	NOZZLE, PENETRATOR 15* 1" 60/2000	77.00
A3-160-3000	NOZZLE, PENETRATOR 15* 1" 60/3000	77.00
A3-180	NOZZLE, PENETRATOR 15* 1" 80/2000	77.00
A3-180-3000	NOZZLE, PENETRATOR 15* 1" 80/3000	77.00
A304687	WELDMENT, 6" x 14" FLANGE ASSY	120.70
A4-245	NOZZLE, BULLET 18* 1" 45/2000 FJ	74.25
A4-245-3000	NOZZLE, BULLET 18* 1" 45/3000 FJ	74.25
A4-250	NOZZLE, BULLET 18* 1" 50/2000 FJ	74.25
A4-250-3000	NOZZLE, BULLET 18* 1" 50/3000 FJ	74.25
A4-260	NOZZLE, BULLET 18* 1" 60/2000 FJ	74.25
A4-260-3000	NOZZLE, BULLET 18* 1" 60/3000 FJ	74.25
A4-280	NOZZLE, BULLET 18* 1" 80/2000 FJ	74.25
A4-280-3000	NOZZLE, BULLET 18* 1" 80/3000 FJ	74.25
A4-2A45	NOZZLE, BULLET 30* 1" 45/2000 FJ	74.25
A4-2A45-3000	NOZZLE, BULLET 30* 1" 45/3000 FJ	74.25
A4-2A50	NOZZLE, BULLET 30* 1" 50/2000 FJ	74.25
A4-2A50-3000	NOZZLE, BULLET 30* 1" 50/3000 FJ	74.25
A4-2A60	NOZZLE, BULLET 30* 1" 60/2000 FJ	74.25
A4-2A60-3000	NOZZLE, BULLET 30* 1" 60/3000 FJ	74.25
A4-2A80	NOZZLE, BULLET 30* 1" 80/2000 FJ	74.25
A4-2A80-3000	NOZZLE, BULLET 30* 1" 80/3000 FJ	74.25
A4-2N45	NOZZLE, BULLET 18*1" 45/2000 NFJ	74.25
A4-2N45-3000	NOZZLE, BULLET 18*1" 45/3000 NFJ	74.25
A4-2N50	NOZZLE, BULLET 18*1" 50/2000 NFJ	74.25
A4-2N50-3000	NOZZLE, BULLET 18*1" 50/3000 NFJ	74.25
A4-2N60	NOZZLE, BULLET 18*1" 60/2000 NFJ	74.25
A4-2N60-3000	NOZZLE, BULLET 18*1" 60/3000 NFJ	74.25
A4-2N80	NOZZLE, BULLET 18*1" 80/2000 NFJ	74.25
A4-2N80-3000	NOZZLE, BULLET 18*1" 80/3000 NFJ	74.25
A4-2NA45	NOZZLE, BULLET 30*1" 45/2000 NFJ	74.25
A4-2NA45-3000	NOZZLE, BULLET 30*1" 45/3000 NFJ	74.25
A4-2NA50	NOZZLE, BULLET 30*1" 50/2000 NFJ	74.25
A4-2NA50-3000	NOZZLE, BULLET 30*1" 50/3000 NFJ	74.25
A4-2NA60	NOZZLE, BULLET 30*1" 60/2000 NFJ	74.25
A4-2NA60-3000	NOZZLE, BULLET 30*1" 60/3000 NFJ	74.25
A4-2NA80	NOZZLE, BULLET 30*1" 80/2000 NFJ	74.25
A4-2NA80-3000	NOZZLE, BULLET 30*1" 80/3000 NFJ	74.25
A5-145	NOZZLE, VORTEX 18/24 1" 45/2000	80.54
A5-150	NOZZLE, VORTEX 18/24* 1" 50/2000	80.54
A5-150-3000	NOZZLE, VORTEX 18/24* 1" 50/3000	80.54
A5-160	NOZZLE, VORTEX 18/24* 1" 60/2000	80.54
A5-160-3000	NOZZLE, VORTEX 18/24* 1" 60/3000	80.54
A5-180	NOZZLE, VORTEX 18/24* 1" 80/2000	80.54
A5-180-3000	NOZZLE, VORTEX 18/24* 1" 80/3000	80.54
A9-11260	NOZZLE, SAND 17/24* 1" 60/2000	212.67
A9-11280	NOZZLE, SAND 17/24* 1" 80/2000	212.67
A9-1228	NOZZLE, TANDEM 24* 1" 80/2000	376.78

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A9-1326	NOZZLE, TANDEM 17/24 1"65/2000	415.22
A9-1328	NOZZLE, TANDEM 17/24 1"80/2000	415.22
AB-16-50-3000	NOZZLE KIT, 1" 50/3000 STEEL PENE./BULLET/SAND	326.04
AB-16-60-2000	NOZZLE KIT, 1" 60/2000 STEEL PENE./LANCE P./BULLET	326.04
AB19-16	NOZZLE, BLANK THREADED W/O NOSE 1" 16J	132.77
AB19-16N	NOZZLE, BLANK W/NOSE 1" 16 JET HOLES	98.26
AB19-8	NOZZLE, BLANK W/O NOSE 8 JETS	95.36
AB45I	RADIAL BULLET, INTRUDER W/FJ	63.50
AIC1-8	NOZZLE, 1" ICE..6 .094 HOLES 34 DEG.	207.90
AS510855A	WELDMENT, 7" HOSE END	68.60
ASP-6MR	FLANGE-BOX, 6" MALE	118.83
ASP-8MR	FLANGE-BOX, 8" MALE	123.65
ASPDC-10P	CATCHER, 10" DEBRIS FOR QUICK CONNECT POLE	232.80
ASPDC-10R	CATCHER, 10" DEBRIS W/ 25' ROPE	212.00
ASPDC-12P	CATCHER, 12" DEBRIS FOR QUICK CONNECT POLE	267.20
ASPDC-12R	CATCHER, 12" DEBRIS W/ 25' ROPE	265.82
ASPDC-15P	CATCHER, 15" DEBRIS FOR QUICK CONNECT POLE	348.50
ASPDC-15R	CATCHER, 15" DEBRIS W/ 25' ROPE	314.10
ASPDC-18P	CATCHER, 18" DEBRIS FOR QUICK CONNECT POLE	405.00
ASPDC-18R	CATCHER, 18" DEBRIS W/ 25' ROPE	381.60
ASPDC-EXT	EXTENSION, 6' MALE X FEMALE FIBERGLASS POLE..	66.00
ASPDC-POLE	POLE, FIBERGLASS 6' W/ RUBBER END	60.00
ASPDC-POLEKIT	BASE POLE 6' WITH (2) MALE X FEMALE EXTENSIONS 6'	190.00
ASPDC-ROPE	ROPE, 3/8" BRAIDED 25' LONG	10.22
ASPF08FS8	FEMALE SWIVEL, 1/2" PIRANHA..USE WITH PIRANHA HOSE ONLY	46.75
ASPF08MEND	MENDER, 1/2" PIRANHA SHBK..USE WITH PIRANHA HOSE ONLY	29.25
ASPF08NPT8	MALE END, 1/2" PIRANHA..FOR USE ON PIRANHA HOSE ONLY	10.75
ASPF12FS12	FEMALE SWIVEL, 3/4" PIRANHA..USE WITH PIRANHA HOSE ONLY	47.50
ASPF12MEND	MENDER, 3/4" PIRANHA..USE WITH PIRANHA HOSE ONLY	65.00
ASPF12NPT12	MALE END, 3/4" PIRANHA..FOR USE WITH PIRANHA HOSE ONLY	17.50
ASPF16FS16	FEMALE SWIVEL, 1" PIRANHA..USE WITH PIRANHA HOSE ONLY	70.75
ASPF16MEND	MENDER, 1" PIRANHA..USE WITH PIRANHA HOSE ONLY	25.50
ASPF16NPT16	MALE END, 1" PIRANHA..FOR USE WITH PIRANHA HOSE ONLY	18.00
ASPF20MEND	MENDER, 1 1/4" PIRANHA..USE WITH PIRANHA HOSE ONLY	95.00
ASPF20NPT20	MALE END, 1 1/4" PIRANHA..FOR USE WITH PIRANHA HOSE ONLY	83.00
ASPGC-6P	CATCHER, 6" GRIT FOR QUICK CONNECT FIBERGLASS POLE	203.20
ASPGC-6R	CATCHER, 6" GRIT W/ 25' ROPE	190.40
ASPGC-8P	CATCHER, 8" GRIT FOR QUICK CONNECT POLE	216.00
ASPGC-8R	CATCHER, 8" GRIT W/ 25' ROPE	199.20
ASPHAT-4	4" HOSE ADAPTER THINGY W/ 8" FLANGE	302.83
ASPHAT-4-6FBL	4" HOSE ADAPTOR THINGY W/ 6" FEMALE BAND LOCK	296.08
ASPHAT-4-6FL	4" HOSE ADAPTOR THINGY W/ 6" FLANGE	276.98
ASPHAT-4-6MBL	4" HOSE ADAPTOR THINGY W/ 6" MALE BAND LOCK	291.30
ASPHAT-4-8FBL	4" HOSE ADAPTOR THINGY W/ 8" FEMALE BAND LOCK	309.30
ASPHAT-4-8MBL	4" HOSE ADAPTOR THINGY W/ 8" MBL	306.53
ASPHAT-4C	COUPLER, 4" HAT	419.78
ASPHAT-6	6" HOSE ADAPTER THINGY-8" EZ FLANGE	385.00

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ASPHAT-6-6F	6" HOSE ADAPTER THINGY W/ 6" FLANGE	385.00
ASPHAT-6-6FBL	6" HOSE ADAPTER THINGY - 6" FEMALE B/L	413.43
ASPHAT-6-6MBL	6" HOSE ADAPTER THINGY - 6" MALE B/L	411.00
ASPHAT-6-8FBL	6" HOSE ADAPTER THINGY TO 8" FEMALE BAND LOCK	446.38
ASPHAT-6-8MBL	6" HOSE ADAPTER THINGY - 8" MALE B/L	430.11
ASPHAT-6C	COUPLER, 6" HAT	416.60
ASPHC3	HANDLE, TUBE STYLE 3"	89.98
ASPHC4	CLAMP, 4" HANDLE TYPE	94.66
ASPHH1X10	1" X 10' LEADER HOSE - 3325 PSI ~ 15lbs.	86.16
ASPHH1X20	1" X 20' LEADER HOSE - 3325 PSI ~ 30lbs.	177.36
ASPHH1X25	1" X 25' LEADER HOSE - 3325 PSI ~ 38lbs.	200.77
ASPHH1X30	1" X 30' LEADER HOSE - 3325 PSI ~ 45lbs.	221.26
ASPHH1X50	1" X 50' LEADER HOSE - 3325 PSI - 55 lbs.	288.73
ASPHH3/4X10	3/4" X 10' LEADER HOSE - 3500 PSI ~ 11lbs.	75.99
ASPHH3/4X25	3/4" X 25' LEADER HOSE - 3500 PSI ~ 25lbs.	146.59
ASPHT400SUC	HANDLE, 4" HOSE..4.0" - 4.65"	180.00
ASPHT600SUC	HANDLE, 6" HOSE..6.0" - 6.75" ..	200.00
ASPHT800SUC	HANDLE, 8" HOSE..8.0" - 8.75"	265.00
ASPQC4	CLAMP, QUICK 4"	20.25
AT130890	BALL VALVE, 1/2" 3-WAY 5075PSI	66.75
AT130919	BALL VALVE, 1 1/4" 3-WAY 5075PSI..FULL PORT	714.75
AT130920	BALL VALVE, 1" 3-WAY 5075PSI	141.25
AT130925	BALL VALVE, 3/4" 3-WAY	125.00
AT136150	NOZZLE, ELLIPSE 1" 60/2000	111.20
AT136150-80	NOZZLE, ELLIPSE 1" 80/2500	101.94
AT136160	NOZZLE, ELLIPSE 1/2" 25/2000	96.53
AT136160-13	NOZZLE, ELLIPSE 1/2" 13/2000	96.53
AT136160-16	NOZZLE, ELLIPSE 1/2" 16/3000	96.53
AT136160-18	NOZZLE, ELLIPSE 1/2" 18/4000	96.53
AT150161	TUBE CB, 6" x 36" ALUM W/STEEL ENDS	256.22
AT150171	TUBE CB, 6" x 48" ALUM W/STEEL ENDS	270.16
AT150181	TUBE CB, 6" x 72" ALUM W/STEEL ENDS	298.03
AT150181-1F	TUBE, INTAKE 6" x 72" ALUM W/FEMALE AT x OPEN	255.27
AT150182	TUBE CB, 6" x 78" ALUM W/STEEL ENDS	305.00
AT150186	TUBE CB, 6" x 96" ALUM W/STEEL ENDS	325.89
AT150191	TUBE CB, 6" x 120" ALUM W/STEEL ENDS	353.77
AT150325	TUBE CB, 6" x 60" ALUM W/STEEL ENDS	284.09
AT150410	TUBE, INTAKE, 4" x 48" EXTENSION ALUM W/STEEL ENDS	289.83
AT150410CB	TUBE, CB 4" x 48" ALUM W/MALE AT END	268.31
AT150420	TUBE, INTAKE 4" x 72" EXTENSION ALUM W/STEEL ENDS	302.08
AT150421	TUBE, CB 4" X 72" ALUM W/ FEMALE STEEL	288.97
AT150461	TUBE, INTAKE 6" x 36" ALUM W/STEEL ENDS	349.38
AT150461A	TUBE, INTAKE 6" x 18" ALUM W/STEEL ENDS	330.09
AT150471	TUBE, INTAKE 6" x 48" ALUM W/STEEL ENDS	383.69
AT150475	TUBE, INTAKE 6" x 60" ALUM W/STEEL ENDS	394.93
AT150481	TUBE, INTAKE 6" x 72" ALUM W/STEEL ENDS	407.37
AT150481HE	TUBE, 6" x 72" HYDRO EXCAVATING ALUM W/FEMALE AT	385.32

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AT150482	TUBE, INTAKE 6" x 84" ALUM W/STEEL ENDS	425.33
AT150485	TUBE, INTAKE 6" x 96" ALUM W/STEEL ENDS	438.79
AT152930	RING, 6" STEEL	24.14
AT170220	REDUCER, 6 FEMALE - 4 MALE	126.08
AT171130-HS	COUPLING, 6" FEMALE W/HOSE SHANK	114.98
AT171160-HS	COUPLING, 6" MALE W/HOSE SHANK	93.17
AT171180	RING, 4" STEEL	14.88
AT171220	COUPLER, 4 FEMALE	22.00
AT171220-HS	COUPLER, 4" FEMALE W/HOSE SHANK	46.00
AT171220A	COUPLER, 4" FEMALE W/SLEEVE	100.75
AT171230	SOCKET, 6" FEMALE - WELDON	38.00
AT171230A	COUPLER, 6" FEMALE W/SLEEVE & GASKET	99.80
AT171230C	ADAPTER, 6"M BALL - 6" FLANGE	175.68
AT171230D	ADAPTER, 6"FEMALE - 6" FLANGE	188.79
AT171240	SOCKET, 8" FEMALE - WELDON	111.11
AT171240-HS	COUPLER, 8" FEMALE W/HOSES SHANK - GALVANIZED	207.60
AT171240A	COUPLER, 8" FEMALE W/SLEEVE & GASKET	156.55
AT171240SP	ADAPTER, 8" FEMALE AT - 8" FLANGE STEEL	200.91
AT171240TP	ADAPTER, 8" FEMALE AT - 8" MALE BAND LOCK	252.25
AT171270	COUPLER, 4" MALE BALL	9.80
AT171270-HS	COUPLER, 4" MALE W/HOSE SHANK	50.34
AT171270A	COUPLER, 4" MALE W/SLEEVE	77.10
AT171280	BALL, 6" MALE - WELDON	15.56
AT171280A	COUPLER, 6" MALE W/SLEEVE	93.23
AT171290	BALL, 8" MALE - WELDON	61.29
AT171290-HS	COUPLER, 8" MALE W/HOSE SHANK - GALVANIZED	202.19
AT171290A	COUPLER, 8" MALE W/SLEEVE & RING	117.13
AT171290B	ADAPTER, 8"M BALL-8"M BANDLOCK STEEL	185.67
AT171290C	ADAPTER, 8"M BALL - 8" FLANGE	207.02
AT171290D	ADAPTER, 8" FEMALE BANLOCK X 8" MALE AT TYPE	155.70
AT171300	RING, 8" STEEL	70.89
AT176630	HOSE, RUBBER 8" x 96" DEBRIS HD - 62lbs - 96x9x9	970.64
AT238005	TUBE, INTAKE 8" x 36" ALUM W/STEEL ENDS	462.01
AT238005A	TUBE, INTAKE 8" x 48" ALUM W/STEEL ENDS	478.30
AT238006	TUBE, INTAKE 8" x 60" ALUM W/STEEL ENDS	481.69
AT238007	TUBE, INTAKE 8" x 72" ALUM W/STEEL ENDS	497.99
AT238007-1F	TUBE, INTAKE 8" x 72" ALUM W/FEMALE AT x OPEN	398.27
AT238007A	TUBE, INTAKE 8" x 78" ALUM W/STEEL ENDS	519.03
AT238007AB	TUBE, INTAKE 8" x 84" ALUM W/ STEEL ENDS	524.12
AT238007B	TUBE, CB 8" x 60" ALUM W/STEEL ENDS	392.49
AT238007C	TUBE, CB 8" x 72" ALUM W/STEEL ENDS	394.98
AT238007HE	TUBE, 8" x 72" HYDRO EXCAVATING ALUM W/FEMALE AT	416.52
AT238008	TUBE, INTAKE 8" x 96" ALUM W/STEEL ENDS	526.94
AT238009	TUBE, INTAKE 8" x 120" ALUM W/STEEL ENDS	554.55
AT238010	TUBE, CB 8" x 96" ALUM W/STEEL ENDS	402.76
AT238010A	TUBE, CB 8" x 36" ALUM W/FEMALE AT END	371.37
AT238010B	TUBE, CB 8" x 78" ALUM W/STEEL ENDS	385.50

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AT238010C	TUBE, CB 8" x 120" ALUM W/STEEL ENDS	485.40
AT238010D	TUBE, CB 8" x 84" ALUM W/STEEL ENDS	434.12
AT238083	ELBOW, 8" x 90" STEEL	328.97
AT238213	REDUCER, 8 FEMALE - 6 MALE	275.29
AT238213G	REDUCER, 8" FEMALE - 6" SLEEVE	211.37
AT238213J	REDUCER, 8" FEMALE - 4" TUBE	191.49
AT238213K	REDUCER, 8" HOSE TO 6" MALE	165.16
AT238213L	REDUCER, 8 MALE - 6 FEMALE	249.34
AT238213VR	REDUCER, 8" FLANGE - 6" BALL	143.68
AT238994	TUBE, CB 8" x 48" ALUM W/STEEL ENDS	355.51
AT240805	TUBE, FLUIDIZING 6" x 36" INTAKE	287.10
AT240806	TUBE, FLUIDIZING 8" x 36" INTAKE	419.57
ATF4X72HX	TUBE, 4" AT FEMALE X 72" LONG HYDRO EXC	283.63
ATF6R4HS	REDUCER, 6 FEMALE - 4" HOSE SHANK	106.04
B1-15	NOZZLE, BULLET18*1.25 50/2000 FJ	75.51
B1-18	NOZZLE, BULLET18*1.25 80/2000 FJ	75.51
B1-1N10	NOZZLE, BULLET18*1.25 100/2000NF	75.51
B1-1N5	NOZZLE, BULLET18*1.25 50/2000NFJ	75.51
B1-1N8	NOZZLE, BULLET18*1.25 80/2000NFJ	75.51
B1-210	NOZZLE, BULLET18*1.25 120/3000FJ	75.51
B1-25	NOZZLE, BULLET35*1.25 50/2000 FJ	75.51
B1-28	NOZZLE, BULLET35*1.25 80/2000 FJ	75.51
B1-2N5	NOZZLE, BULLET35*1.25 50/2000NFJ	75.51
B1-2N8	NOZZLE, BULLET35*1.25 80/2000NFJ	75.51
B1-310	NOZZLE, BULLET35*1.25 120/2000FJ	75.51
B5-180	NOZZLE, STEEL/SAND 12*1" 80/2000	74.25
B8	NOZZLE, ALUM GREASE 1" BLANK	135.57
B8-360	NOZZLE, GREASE 17* 1" 60/2000	169.26
B8-360-3000	NOZZLE, GREASE 17* 1" 60/3000PSI	169.26
B8-380	NOZZLE, GREASE 17* 1" 80/2000	169.26
BB12-20*	3/4 - 1 1/4" NPT SWAGE MACHINE	570.00
BP-301220	NOZZLE, BIG PETE 1" 120/2500 FJ	727.36
BP-301256	NOZZLE, BIG PETE 1" 65/2500 FJ	727.36
BP-301280	NOZZLE, BIG PETE 1" 80/2500 FJ	727.36
C0-155V	NOZZLE, STEEL SAND 12*1" 55/300	74.25
CE32030029	HOSE, DEBRIS 9 1/4" x 60" HOR BOOM..53# each	1,470.00
CN-1WASHSS	NOZZLE, 1" S.S. WASHDOWN / FLUSHING..PLEASE INCLUDE U-BN10G GASKET N/C	250.00
D0-204	HOSE, 2" x 48" TYGER TAIL W/ROPE	52.58
D0-206	HOSE, 2" x 6' TYGER TAIL W/ROPE	71.16
D0-210	HOSE, 2" x 10' TYGER TAIL	104.90
D0-214	HOSE, 2" x 14' TYGER TAIL	142.10
D0-215	HOSE, 2" x 15' TYGER TAIL	151.40
D0-220	HOSE, 2" x 20' TYGER TAIL	197.90
D0-225	HOSE, 2" x 25' TYGER TAIL	244.40
D0-230	HOSE, 2" x 30' TYGER TAIL	290.90
D0-240	HOSE, 2" x 40' TYGER TAIL	383.90
D0-250	HOSE, 2" x 50' TYGER TAIL	475.60

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D0-303	HOSE, 3" x 3' TYGER TAIL	44.88
D0-304	HOSE, 3" x 4' TYGER TAIL	55.62
D0-304A	HOSE, 3" x 4' TYGER TAIL W/ROPE	74.51
D0-305	HOSE, 3" x 5' TYGER TAIL	66.35
D0-305A	HOSE, 3" x 5' TYGER TAIL W/ROPE	88.46
D0-306A	HOSE, 3" x 6' TYGER TAIL W/ROPE	102.78
D0-310	HOSE, 3" x 10' TYGER TAIL	120.00
D0-310A	HOSE, 3" x 10' TYGER TAIL W/ROPE	158.21
D0-310C	HOSE, TYGER TAIL 3x10W/CAMLOK	158.95
D0-315	HOSE, 3" x 15' TYGER TAIL	173.75
D0-318	HOSE, 3" x 18" TYGER TAIL W/ROPE (18 INCHES)	40.34
D0-320	HOSE, 3" x 20' TYGER TAIL	225.00
D0-325	HOSE, 3" x 25' TYGER TAIL	279.50
D0-330	HOSE, 3" x 30' TYGER TAIL	332.85
D0-340	HOSE, 3" x 40' TYGER TAIL	439.60
D0-350	HOSE, 3" x 50' TYGER TAIL	537.00
D0-3C	CUFF, 3" TYGER TAIL	7.85
D0-5	FIN PIPE EXT. 3/4" x 6" x 17"	77.25
D0-5A	FIN PIPE EXT. 3/4" x 4" x 14 3/4"	52.90
D0-5B	FIN PIPE EXT. 1/2" x 4" x 14 1/2"	48.00
D0-6	FIN PIPE EXT. 1" x 6 1/2" x 17 1/4"	85.75
D0-69	HOSE, 2" x 36" TYGER TAIL W/ROPE	36.50
D0-6AMRF	COVER, MANHOLE ALUM W/ NYLON ROLLER	475.00
D0-6AMRFA	COVER, ALUM SAFETY W/ ALUM ROLLER	475.00
D0-6B	HEAVY DUTY TOP MANHOLE ROLLER W/ POLY ROLLER	225.49
D0-6BA	HEAVY DUTY TOP MANHOLE ROLLER W/ ALUM. ROLLER	225.49
D0-6D	TOP MANHOLE ROLLER-ALUM FRAME W / NYLON ROLLER	224.46
D0-6DA	TOP MANHOLE ROLLER ALUM. FRAME W/ ALUM ROLLER	224.46
D0-6MRF	COVER, MANHOLE W/ NYLON ROLLER	482.19
D0-6MRFA	COVER, MANHOLE W/ ALUMINUM ROLLER	482.19
D0-6MRFSG	MANHOLE COVER SPLASH GUARD W/ FLAP..	345.00
D0-6MRFSGF	SPLASH GUARD FLAP KIT	35.00
D0-6MRFSGH	SPLASH GUARD HANDLE KIT	205.00
D0-7	ROLLER, 6" ALUMINUM	42.50
D0-7N	ROLLER, 6" NYLON	42.50
D0-8	FIN PIPE EXT. 1 1/4" x 7" x 17 1/4"	101.00
D0-89	HOSE, 3" x 36" TYGER TAIL W/ROPE	43.00
D0-8A	FIN PIPE EXT. 1 1/4" x 5" x 15"	76.38
D0-90	EASEMENT ROLLER ASSEMBLY	195.50
DP08TH	PUSHER PLATE, 1/2" 2500/3000 PSI TOP HAT STYLE	130.88
DP12TH	PUSHER PLATE, 3/4" 2500/3000 PSI TOP HAT STYLE	130.88
DP16FSTH	1" FEMALE TOP HAT PUSHER	130.88
DP16TH	PUSHER PLATE, 1" 2500/3000 PSI TOP HAT STYLE	130.88
DP20TH	PUSHER PLATE, 1 1/4" 2500/3000 PSI TOP HAT STYLE	130.88
DPS04NPT-PS	PUSHER, 1/4" LITTLE BRUTIS	121.65
DPS06NPT-PS	PUSHER, 3/8" LITTLE BRUTIS	121.65
DPS08NPT-PS	PUSHER, 1/2" LITTLE BRUTIS	121.65

2024 PRICE LIST

DPS12NPT-PL	PUSHER, 3/4" BRUTIS	121.65
DPS16NPT-PL	PUSHER, 1" BRUTIS	121.65
DPS20NPT-PL	PUSHER, 1 1/4" BRUTIS	121.65
DPT04	PUSHER, 1/4" TAPERED	130.88
DPT06	PUSHER, 3/8" TAPERED	130.88
DPT08	PUSHER, 1/2" TAPERED	130.88
DPT12	PUSHER, 3/4" TAPERED	130.88
DPT12FS	FEMALE PUSHER, 3/4"-2500/3000	173.98
DPT12TH	PUSHER 3/4" W/HOLDER	150.44
DPT16	PUSHER, 1" TAPERED	130.88
DPT16FS	FEMALE PUSHER, 1" - 2500/3000	130.88
DPT16TH	PUSHER 1" W/HOLDER	165.49
DPT20	PUSHER PLATE, 1 1/4"	130.88
DS04	DIE SET, 1/4" LITTLE BRUTIS	150.98
DS06	DIE SET, 3/8" LITTLE BRUTIS	150.98
DS08	DIE SET, 1/2" LITTLE BRUTIS	150.98
DS08TH	DIE SET, 1/2" 2500/3000 PSI TOP HAT STYLE	182.35
DS12	DIE SET, 3/4" PIRANHA/BRUTIS	150.98
DS12TH	DIE SET, 3/4" 2500/3000 PSI TOP HAT STYLE	182.35
DS16	DIE SET, 1" PIRANHA/BRUTIS	150.98
DS16TH	DIE SET, 1" 2500/3000 PSI TOP HAT STYLE	182.35
DS20	DIE SET, 1 1/4" PIRANHA/BRUTIS	150.98
DS20TH	DIE SET, 1 1/4" 2500/3000 PSI TOP HAT STYLE	182.35
E0-12-35-1800	NOZZLE KIT, 3/4" 35-40/1800 STL BULLET/VORTEX/PENE.	326.04
E0-12-35-3000	NOZZLE KIT, 3/4" 35/3000 STEEL BULLET/VORTEX/PENE.	358.65
E0-335	NOZZLE, BULLET 18* 3/4" 35/2000 FJ	55.07
E0-335V	NOZZLE, BULLET 18* 3/4" 35/3000 FJ	55.07
E0-3A35	NOZZLE, BULLET 35* 3/4" 35/2000 FJ	55.07
E0-3A35V	NOZZLE, BULLET 35* 3/4" 35/3000 FJ	55.07
E0-3N35	NOZZLE, BULLET 18* 3/4" 35/2000 NFJ	55.07
E0-3N35-SP	NOZZLE, BULLET 18* 3/4" 35/1200 NFJ	55.07
E0-3N35V	NOZZLE, BULLET 18* 3/4" 35/3000 NFJ	55.07
E0-3NA35	NOZZLE, BULLET 35* 3/4" 35/2000 NFJ	55.07
E0-3NA35-SP	NOZZLE, BULLET 35* 3/4" 35/1200 NFJ	55.07
E0-3NA35V	NOZZLE, BULLET 35* 3/4" 35/3000 NFJ	55.07
E0-435	NOZZLE, VORTEX 18/24* 3/4" 35/2000 FJ	57.89
E0-435V	NOZZLE, VORTEX 18/24* 3/4" 35/3000 FJ	57.89
E01	TUBE STYLE EXT. 3/4"x15, 2.5" OD	143.00
E2-1335	NOZZLE, LANCE PENE 12* 3/4" 35/1800	70.48
E2-1335V	NOZZLE, LANCE PENE 12* 3/4" 35/3000	70.48
E2-335	NOZZLE, PENETRATOR 12* 3/4" 35/1800	60.41
E2-335V	NOZZLE, PENETRATOR 12* 3/4" 35/3000	60.41
E5-235	NOZZLE, SAND 24* 3/4" 35/2000	212.67
E9-135	NOZZLE, GREASE 17*3/4" 35/2000	169.26
E9-135V	NOZZLE, ALUM GREASE - VACCON	169.26
EZ4X4FCL	TUBE, ALUM. 4" FLANGE TO FEMALE C/L	130.78
EZ4X72	TUBE, INTAKE 4" X 72" ALL ALUM.	154.46

2024 PRICE LIST

EZ4X72CB	TUBE, CB 4" X 72" LONG	177.68
EZ4X72HX	TUBE, ALUM 4" FLANGE X 72" HYDRO EXC	187.90
EZ624FCL3	TUBE, ALUM. 6" EZ FLANGE TO 3" FEMALE CAM LOCK X 24" LONG	222.20
EZ660FCL3	TUBE, ALUMINUM 6" EZ FLANGE TO 3" FEMALE CAM LOCK X 60" LONG	239.93
EZ690*CB	ELBOW, 90° X 6" EZ FLANGE WITH CATCH BASIN	229.82
EZ6R372CB	TUBE, CB 6" EZ FLANGE REDUCED TO 3" X 72"	295.35
EZ6R384CB	TUBE, CB 6" EZ FLANGE REDUCED TO 3" X 84"	300.50
EZ6R3MCL	REDUCER, 6" EZ TO 3" MALE CL - ALUM	197.17
EZ6R460HX	TUBE, 6" FLANGE TO 4" x 60" HYDRO-EX	233.50
EZ6R472CB	TUBE, CB 6" EZ REDUCED TO 4" x 72" ALL ALUM	238.00
EZ6R472HX	TUBE, 6" EZ FLANGE TO 4" x 72" ALL ALUM HYDRO	244.00
EZ6R4FBL	REDUCER, 6" EZ FLANGE TO 4" FEMALE B-LOCK ALUM	160.90
EZ6R4FCL	REDUCER, 6" EZ FLANGE TO 4" FEMALE CAM-LOCK ALUM	200.00
EZ6R4MBL	REDUCER, 6" EZ FLANGE TO 4" MALE B-LOK	140.20
EZ6R4MCL	REDUCER, 6" EZ FLANGE - 4" MALE CAM-LOCK - ALUM	171.44
EZ6X6FCL	ADAPTER, 6" EZ FLANGE x 6" FEMALE CAM LOCK	142.23
EZ6X6MCL	ADAPTER, 6" EZ FLANGE x 6" MALE CAM LOCK	122.49
EZ6XHB	ADAPTER, 6" EZ FLANGE x 6" HOSE BARB - ALUM	106.24
EZ8-6X.5	TUBE, EZ 8" REDUCED TO 6" x 6" LONG	67.98
EZ86R460HX	TUBE, 8" EZ FLANGE TO 4" x 60" ALL ALUM HYDRO	249.19
EZ86R472HX	TUBE, 8" EZ FLANGE TO 4" x 72" ALL ALUM HYDRO	256.70
EZ890*CB	ELBOW, 90° ALUM. 8" EZ FLANGE WITH CATCH BASIN	267.75
EZ8R396CB	TUBE, CB 8" - 3" x 96" ALUM	371.07
EZ8R3FCL	REDUCER, ALUM 8" EZ REDUCED TO 3" FEMALE CAM LOCK STYLE	264.63
EZ8R3MCL	REDUCER, ALUM 8" EZ REDUCED TO 3" MALE CAM LOCK STYLE	253.42
EZ8R460CB	TUBE, CB 8" - 4" x 60" ALUM	298.28
EZ8R472CB	TUBE, CB 8" - 4" x 72" ALUM	306.47
EZ8R496CB	TUBE, CB 8" - 4" x 96" ALUM	322.85
EZ8R4FBL	REDUCER, 8" EZ FLANGE TO 4" FEMALE B-LOCK ALUM	181.46
EZ8R4FCL	REDUCER, 8" EZ TO 4" FEMALE CL ALUM.	253.22
EZ8R4MBL	REDUCER, 8" EZ FLANGE TO 4" MALE B-LOCK	167.16
EZ8R4MCL	REDUCER, 8" EZ FLANGE REDUCED TO 4" MALE CAM-LOCK	245.84
EZ8R6120HX	TUBE, 8" EZ FLANGE TO 6" x 120" ALL ALUM HYDRO	308.76
EZ8R666HX	TUBE, 8" - 6" x 66" ALUM HYDRO-EXCAVA	317.41
EZ8R6CB	TUBE, CB 8" - 6" CLOSE	113.36
EZ8R6FBL	REDUCER, 8" EZ FLANGE X 6" FEMALE BAND LOCK	127.32
EZ8R6FCL	REDUCER, 8" EZ FLANGE TO 6" FEMALE CAM LOCK	191.80
EZ8R6MBL	REDUCER, 8" EZ FLANGE X 6" MALE BAND LOCK	125.32
EZ8R6MCL	REDUCER, 8" EZ FLANGE TO 6" MALE CAM LOCK	168.68
EZ8X48HX	TUBE, 8" EZ FLANGE x 48" LG. ALUM HYDRO EXC.	219.69
EZ8X4YTOE	SPLITTER, 8" FLANGE X (2) 4" MALE TOE NIPPLE	240.43
EZ8X8FBL	ADAPTER, 8" FLANGE TO 8" FEMALE BAND LOCK ALUM	113.75
EZ8X8FCL	ADAPTER, 8" EZ FLANGE x 8" FEMALE CAM LOCK	241.27
EZ8X8MBL	ADAPTER, 8" FLANGE x 8" MALE BAND LOCK ALUM.	90.37
EZ8X8MCL	ADAPTER, 8" EZ FLANGE x 8" MALE CAM LOCK	187.87
EZS4X72HX	TUBE, ALUM 4" X 72" STEEL FLANGE X HYDRO EXC	152.09
EZS6R4TOE	REDUCER, 6" FLANGE - 4" W/TOE NIPPLE - STEEL	127.50

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EZS8R6TOE	REDUCER, 8" FLANGE - 6" W/TOE NIPPLE - STEEL	277.74
F1-1115	NOZZLE, LANCE PENETRATOR 25* 1/2" 8-15 / 4000	55.37
F1-1125	NOZZLE, LANCE PENETRATOR 25* 1/2" 15-25 / 2000-3000	55.37
F1-1115	NOZZLE, PENETRATOR 25* 1/2" 8-15 / 4000	51.60
F1-125	NOZZLE, PENETRATOR 25* 1/2" 15-25 / 2000-3000	51.60
F1525-KIT	NOZZLE KIT, 1/2" 15-25 GPM BUTTON SHORT/LANCE P/PENETRATOR	193.34
F5-315	NOZZLE, BUTTON SHORT 45* 1/2"	49.08
F5-315N	NOZZLE, BUTTON SHORT 1/2" 45* NFJ	49.08
F5-325	NOZZLE, BUTTON SHORT 45* 1/2"	49.08
F5-325N	NOZZLE, BUTTONSHORT 1/2" 45* NFJ	49.08
F5-380	NOZZLE, BUTTON SHORT 45* 1/2"	49.08
F815-KIT	NOZZLE KIT, 1/2" 8 -15 GPM BUTTON SHORT/LANCE P/PENETRATOR	193.34
FBL424CB	TUBE, CB 4" x 24" FEMALE BANDLOCK STYLE	179.98
FBL448CB	TUBE, CB 4" x 48" FEMALE BANDLOCK STYLE	196.36
FBL460CB	TUBE, CB 4" x 60" FEMALE BANDLOCK STYLE	208.58
FBL472CB	TUBE, CB 4" x 72" FEMALE BANDLOCK STYLE	222.62
FBL484CB	TUBE, CB 4" x 84" FEMALE BANDLOCK STYLE	236.66
FBL496CB	TUBE, CB 4" x 96" FEMALE BANDLOCK STYLE	250.70
FBL4X60HX	TUBE, 4" MALE B/L X 60" LONG HYDRO EXC	193.91
FBL6R4FCL	REDUCER, ALUM. 6" FEMALE BAND LOCK TO 4" FEMALE CAM LOCK	183.75
FBL6R4MBL	REDUCER, 6" FEMALE RING LOCK TO 4" MALE RING LOCK ALUM	148.43
FBL6R4MCL	REDUCER, 6" FEMALE BAND LOCK - 4" MALE CAM LOCK ALUM	232.38
FBL6R4TOE	REDUCER, 6" FEMALE BANDLOCK X 4" MALE NPT STEEL	122.21
FBL8R4EZ	REDUCER, 8" FEMALE BAND LOCK X 4" FLANGE-STEEL	114.79
FBL8R4MCL	REDUCER, ALUM. 8" FEMALE BAND LOCK TO 4" MALE CAM LOCK	255.84
FBL8R4TOE	REDUCER, 8" FEMALE BANDLOCK X 4" MALE NPT STEEL	181.73
FBL8R4Y	CONNECTOR, "Y" 8" FEMALE RING LOC X 4" NPTX 4"NPT	276.51
FBL8R672HX	TUBE, 8" - 6" X 72" HYDRO-EXCAVA W/FEMALE BLOK	269.65
FBL8R6FBL	REDUCER, ALUM. 8" FEMALE BL TYPE TO 6" FEMALE BL TYPE	178.68
FBL8R6FCL	REDUCER, 8" FEMALE BAND LOCK x 6" FEMALE CAM LOCK ALUM	247.86
FBL8R6MCL	REDUCER, 8" FEMALE B-LOCK REDUCED TO 6" MALE CAM LOCK	239.68
FBL8XEZ6	REDUCER, 8" FEMALE B/L TO 6" EZ FLANGE ALUM	128.20
FCL3	3" FEMALE CAM LOCK, ALUM..MACHINED	47.50
FCL348CB	TUBE, CB 3" x 48" FEMALE CAM-LOCK	170.96
FCL360CB	TUBE, CB 3" x 60" FEMALE CAM-LOCK	188.69
FCL372CB	TUBE, CB 3" x 72" FEMALE CAM-LOCK	194.59
FCL3X72OPEN	TUBE, INTAKE 3" x 72" FEMALE CAM-LOCK x OPEN	134.65
FCL4	4" CAM LOCK FEMALE - MACHINED	64.53
FCL424CB	TUBE, CB 4" x 24" FEMALE CAM-LOCK STYLE	212.45
FCL436CB	TUBE, CB 4" x 36" FEMALE CAM-LOCK STYLE	219.70
FCL448CB	TUBE, CB 4" x 48" FEMALE CAM-LOCK STYLE	231.30
FCL460CB	TUBE, CB 4" x 60" FEMALE CAM-LOCK STYLE	240.85
FCL472CB	TUBE, CB 4" x 72" FEMALE CAM-LOCK STYLE	250.36
FCL484CB	TUBE, CB 4" x 84" FEMALE CAM-LOCK STYLE	259.88
FCL496CB	TUBE, CB 4" x 96" FEMALE CAM-LOCK STYLE	269.39
FCL4FNPT	COUPLING, C/L TYPE ALUM. 4" FEMALE X 4" FEMALE NPT	26.19
FCL4HS	COUPLER, 4" ALUM FEMALE C/L X HOSE SHANK	23.45

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FCL4R360CB	TUBE, CB 4"-3" x 60" FEM CAM ALUM	236.42
FCL4R3MCL	REDUCER, 4" FEMALE C/L TYPE TO 3" MALE C/L TYPE	157.90
FCL4X36HX	TUBE, 4" x 36" FEMALE CAM-LOCK HYDRO EXC	247.90
FCL4X60HX	TUBE, 4" x 60" FEMALE CAM-LOCK HYDRO EXC	270.12
FCL4X72OPEN	TUBE, INTAKE 4" x 72" FEMALE CAM-LOCK x OPEN	240.25
FCL6	FITTING, 6" FEMALE CL TYPE - MACHINED	119.30
FCL6-SEAL	SEAL, 6" FEMALE C/L TYPE COUPLER..	2.84
FCL6120CB	TUBE, CB 6" x 120" FEMALE CAM-LOCK ALUM	331.85
FCL672CB	TUBE, CB 6" x 72" FEMALE CAM-LOCK ALUM	272.00
FCL6R4MCL	REDUCER, 6" FEMALE CAM LOCK TYPE TO 4" MALE CAM LOCK TYPE	247.50
FCL6X72HX	TUBE, 6" FEMALE CAMLOCK TYPE x 72" HYDRO	273.50
FCL6X84HX	TUBE, 6" FEMALE CAMLOCK X HYDRO EX 84" LONG	297.79
FCL6XHS	6" FEMALE CAM-LOCK X HOSE SHANK	64.68
FCL8	FITTING, 8" FEMALE CL TYPE - MACHINED	255.01
FCL8-SEAL	SEAL, 8" FEMALE C/L TYPE COUPLER	21.00
FCL8X72HX	TUBE, 8" FEMALE CAMLOCK TYPE X 72" HYDRO EX	411.42
FCL8X84CB	TUBE, ALUM. 8" X 84" FEMALE CAM CATCH BASIN	478.49
FCL8XFNPT	FEMALE, 8" CL TYPE W/ FEMALE NPT	176.30
FCL8XHB	ADAPTER, 8" FEMALE CAM LOCK X HOSE BARB	272.50
G0-13	NOZZLE, MINI PENETRATOR 1/4"	22.66
G0-14	NOZZLE, MINI PENETRATOR 1/4"	22.66
G0-15	NOZZLE, MINI PENETRATOR 1/4"	22.66
G0-16	NOZZLE, MINI PENETRATOR 1/4"	22.66
G2-303	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-304	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-305	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-306	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-33	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-34	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-35	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-36	NOZZLE, PENETRATOR 30* 1/8"	22.66
G2-KIT	NOZZLE KIT, 1/8" 30* MINI PENETRATOR	170.32
G25-34	NOZZLE KIT, 1/4" 3-4 GPM RADIAL BULLET/MINI PENETRATOR	138.08
G25-56	NOZZLE KIT, 1/4" 5-6 GPM RADIAL BULLET/MINI PENETRATOR	138.08
G375-34	NOZZLE KIT, 3/8" 3-4 GPM 4000 PSI RADIAL BULLET/MINI PENETRATOR	115.00
G375-56	NOZZLE KIT, 3/8" 5-6 GPM 4000 PSI RADIAL BULLET/PENETRATOR	115.00
G375-710	NOZZLE KIT, 3/8" 7-10 GPM 4000 PSI RADIAL BULLET/MINI PENETRATOR	115.00
G5-13	NOZZLE, PENETRATOR 15* 3/8"	22.66
G5-14	NOZZLE, PENETRATOR 15* 3/8"	22.66
G5-15	NOZZLE, PENETRATOR 15* 3/8"	22.66
G5-16	NOZZLE, PENETRATOR 15* 3/8"	22.66
G7-303	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-304	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-305	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-306	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-33	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-34	NOZZLE, RADIAL BULLET 30* 1/4"	22.66

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G7-35	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-36	NOZZLE, RADIAL BULLET 30* 1/4"	22.66
G7-403	NOZZLE, RADIAL BULLET 40* 1/4"	22.66
G7-404	NOZZLE, RADIAL BULLET 40* 1/4"	22.66
G7-43	NOZZLE, RADIAL BULLET 40* 1/4"	22.66
G7-44	NOZZLE, RADIAL BULLET 40* 1/4"	22.66
G7-45	NOZZLE, RADIAL BULLET 40* 1/4"	22.66
G7-46	NOZZLE, RADIAL BULLET 40* 1/4"	22.66
G8-303	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-304	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-305	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-306	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-33	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-34	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-35	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-36	NOZZLE, RADIAL BULLET 30* 3/8"	22.83
G8-403	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-404	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-405	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-406	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-43	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-44	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-45	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G8-46	NOZZLE, RADIAL BULLET 40* 3/8"	22.83
G9-43	NOZZLE, MINI HEX 40* 1/4"	20.60
G9-46	NOZZLE, MINI HEX 40* 1/4"	20.60
HLW-104	WHEEL, FOOTAGE - LEVEL WIND	83.25
IT-100.001	NOZZLE, INTRUDER - BLANK	366.22
IT-145	NOZZLE, INTRUDER 1" 35/45 GPM	560.88
IT-160	NOZZLE, INTRUDER 1" 60/2000	560.88
IT-160-3000	NOZZLE, INTRUDER 1" 60/3000	560.88
IT-180	NOZZLE, INTRUDER 1" 80/2000	560.88
IT-7545	NOZZLE, INTRUDER 3/4" 35/45GPM	514.63
IT-7550-3	NOZZLE, INTRUDER 3/4" 50/3000	514.63
IT-7560	NOZZLE, INTRUDER 3/4" 60/2000	514.63
IT-7580	NOZZLE, INTRUDER 3/4" 80/2000	514.63
J1-OG	DYE TABLETS - GREEN 200	46.00
J1-OR	DYE TABLETS - RED 200	48.25
J2-1G	DYE POWDER - GREEN 1#	36.56
LB04-08*	1/4 - 1/2" NPT SWAGE MACHINE	510.00
MBL424CB	TUBE, CB 4" x 24" MALE B-LOK	152.16
MBL436CB	TUBE, CB 4" x 36" MALE B-LOK	166.20
MBL448CB	TUBE, CB 4" x 48" MALE B-LOK	180.24
MBL460CB	TUBE, CB 4" x 60" MALE B-LOK	194.28
MBL472CB	TUBE, CB 4" x 72" MALE B-LOK	208.34
MBL496CB	TUBE, CB 4" x 96" MALE B-LOK	236.40
MBL4X120FBL	TUBE, INTAKE 4" x 120" LONG B-LOK M/F	238.77

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MBL4X24FBL	TUBE, INTAKE 4" x 24" LONG B-LOK M/F	133.90
MBL4X36FBL	TUBE, INTAKE 4" x 36" LONG B-LOK M/F	147.94
MBL4X48FBL	TUBE, INTAKE 4" x 48" LONG B-LOK M/F	161.98
MBL4X60FBL	TUBE, INTAKE 4" x 60" LONG B-LOK M/F	176.02
MBL4X72FBL	TUBE, INTAKE 4" x 72" LONG B-LOK M/F	190.06
MBL4X84FBL	TUBE, INTAKE 4" x 84" LONG B-LOK M/F	204.10
MBL4X96FBL	TUBE, INTAKE 4" x 96" LONG B-LOK M/F	218.40
MBL4X96HX	TUBE, 4" MALE B/L X 96" LONG HYDRO EXC	238.59
MBL6R4TOE	REDUCER, 6" MALE BANDLOCK X 4" MALE NPT STEEL	128.10
MBL6R4X72OPEN	TUBE, 6" MALE B/L REDUCED TO 4" TUBE X 72" LONG	150.00
MBL6XMCL6	ADAPTOR, 6" MALE BAND LOCK TO 6" MALE CAM LOCK	135.35
MBL8R396CB	TUBE, CB, 8" - 3" x 96" MALE B-LOK	355.13
MBL8R3MCL	ADAPTER, 8" MALE BAND LOCK TO 3" MALE CAM LOCK	258.59
MBL8R3TOE	REDUCER, 8" MALE RINGLOCK X 3" MALE NPT STEEL..	251.02
MBL8R4FBL	REDUCER, 8" MALE BAND LOCK TO 4" FEMALE BAND LOCK	233.18
MBL8R4MCL	REDUCER, 8" MALE BAND LOCK - 4" MALE CAM LOCK ALUM	241.28
MBL8R4MCLX2	ADAPTOR, 8" MALE B/L TO 4" MALE CAM LOCK X 2	407.20
MBL8R4TOE	REDUCER, 8" MALE BANDLOCK X 4" MALE NPT STEEL	182.13
MBL8R4Y	CONNECTOR, "Y" 8" MALE RING LOC X 4" NPTX 4"NPT	262.87
MBL8R672CB	TUBE, ALUM, 8" MALE BLOK - 6" X 72" CATCH BASIN	283.77
MBL8R672HX	TUBE, 8" - 6" X 72" HYDRO-EXCAVA W/MALE BLOK	245.96
MBL8R6FCL	REDUCER, ALUM. 8" MALE B/L X 6" FEMALE C/L	250.76
MBL8R6MAT	REDUCER, 8" M B/L STYLE X 6" MALE AT STYLE - STEEL	167.82
MBL8R6MCL	REDUCER, 8" MALE B/L TYPE TO 6" MALE C/L TYPE ALUM	240.36
MBL8X48HX	TUBE, 8" x 48" MALE B-LOK HYDRO	258.80
MBL8X96HX	TUBE, 8" x 96" MALE B-LOK HYDRO	341.92
MBL8XEZ6	REDUCER, 8" MALE B/L TO 6" EZ FLANGE ALUM	97.00
MCL3	3" MALE CAM LOCK, ALUM...MACHINED	60.58
MCL324HS	TUBE, 3" x 24" MALE CAM-LOCK X HOSE SHANK	101.70
MCL348CB	TUBE, CB 3" x 48" MALE CAM-LOCK	152.82
MCL372CB	TUBE, CB 3" x 72" MALE CAM-LOCK	176.44
MCL384CB	TUBE, CB 3" x 84" MALE CAM-LOCK	182.34
MCL3X120FCL	TUBE, INTAKE 3" x 120" CAM-LOCK M/F W/GASKET	167.96
MCL3X48FCL	TUBE, ALUM 3" X 48" CAM-LOCK M/F W/GASKET	134.22
MCL3X60FCL	TUBE, ALUM 3" X 60" CAM-LOCK M/F W/GASKET	139.84
MCL4	4" CAM LOCK MALE	67.68
MCL424CB	TUBE, CB 4" x 24" MALE CAM-LOCK	192.67
MCL424OPEN	TUBE, INTAKE, 4" x 24" MALE CAM-LOCK x OPEN	108.78
MCL436CB	TUBE, CB 4" x 36" MALE CAM-LOCK	203.82
MCL448CB	TUBE, CB 4" x 48" MALE CAM-LOCK	217.86
MCL448OPEN	TUBE, INTAKE, 4" x 48" MALE CAM-LOCK x OPEN	121.46
MCL460CB	TUBE, CB 4" x 60" MALE CAM-LOCK	231.90
MCL460OPEN	TUBE, INTAKE 4" X 60" MALE CAM-LOCK	159.33
MCL472CB	TUBE, CB 4" x 72" MALE CAM-LOCK	245.94
MCL472HX	TUBE, 4" x 72" MALE CAM-LOCK HYDRO EX	297.47
MCL484CB	TUBE, CB 4" x 84" MALE CAM-LOCK	259.98
MCL496CB	TUBE, CB 4" x 96" MALE CAM-LOCK	274.02

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MCL4FNPT	COUPLING, 4" MALE CAM X FEMALE NPT	15.30
MCL4HS	COUPLER, 4" ALUM MALE C/L X HOSE SHANK	21.00
MCL4X120FCL	TUBE, INTAKE 4" x 120" CAM-LOCK M/F W/GASKET	244.19
MCL4X24FCL	TUBE, INTAKE 4" x 24" CAM-LOCK M/F W/GASKET	152.60
MCL4X36FCL	TUBE, INTAKE 4" x 36" CAM-LOCK M/F W/GASKET	161.36
MCL4X48FCL	TUBE, INTAKE 4" x 48" CAM-LOCK M/F W/GASKET	174.26
MCL4X4TN	ADAPTOR, ALUM. 4" MALE C/L X 4" NPT	138.24
MCL4X60FCL	TUBE, INTAKE 4" x 60" CAM-LOCK M/F W/GASKET	188.30
MCL4X72FCL	TUBE, INTAKE 4" x 72" CAM-LOCK M/F W/GASKET	202.34
MCL4X84FCL	TUBE, INTAKE 4" x 84" CAM-LOCK M/F W/GASKET	216.84
MCL4X96FCL	TUBE, INTAKE 4" x 96" CAM-LOCK M/F W/GASKET	230.42
MCL6	FITTING, 6" MALE CL TYPE	79.27
MCL6120CB	TUBE, ALUM. CB 6" x 120" MALE CAM-LOCK	316.24
MCL624CB	TUBE, CB 6" x 24" MALE CAM-LOCK	197.15
MCL624OPEN	TUBE, 6" x 24" MALE CAM-LOCK x OPEN	139.57
MCL648CB	TUBE, CB 6" x 48" MALE CAM-LOCK	224.55
MCL648FCL	TUBE, INTAKE 6" x 48" CAM-LOCK M/F	238.56
MCL672CB	TUBE, CB 6" x 72" MALE CAM-LOCK	254.61
MCL672FCL	TUBE, INTAKE 6" x 72" CAM-LOCK M/F	293.39
MCL696FCL	TUBE, INTAKE 6" x 96" CAM-LOCK M/F	320.82
MCL6FNPT	ADAPTER, C/L TYPE ALUM 6" MALE X 6" FEMALE NPT	37.75
MCL6X120FCL	TUBE, INTAKE 6" x 120" CAM-LOCK M/F W/GASKET	302.38
MCL6X72MCL6	TUBE, ALUM. 6" x 72" CAM-LOCK M/M	296.42
MCL6XHS	6" MALE CAM-LOCK X HOSE SHANK	48.64
MCL8	FITTING, 8" MALE CL TYPE	155.72
MCL836FCL	TUBE, INTAKE 8" x 36" CAM-LOCK M/F	413.34
MCL860FCL	TUBE, INTAKE 8" x 60" CAM-LOCK M/F	486.76
MCL872FCL	TUBE, INTAKE 8" x 72" CAM-LOCK M/F	496.30
MCL878FCL	TUBE, INTAKE 8" x 78" CAM-LOCK M/F	502.05
MCL8X84CB	TUBE, CB 8" X 84" MALE CAM LOCK ALUM	384.21
MCL8XHB	MALE, 8" CAMLOCK W/ HOSE BARB..	142.83
MCLCB4	ADAPTER, 4" MALE C/L TYPE X CROWN	151.36
MHH-18	MANHOLE HOOK, FLAT 18"	30.13
MHH-26	MANHOLE HOOK, FLAT 26"	33.40
MHH-36	MANHOLE HOOK, FLAT 36"	43.25
MHH-918	MANHOLE HOOK, 90* 18" (ROTATED)	69.65
MHH-930	MANHOLE HOOK, 90* 30" (ROTATED)	53.63
MHH-936	MANHOLE HOOK, 90* 36" SPECIAL	65.70
P100	NOZZLE, PETEE - NO JETS	447.80
P100220	NOZZLE, PETEE 1" 120/2000 FJ	582.64
P100245	NOZZLE, PETEE 1" 45/2500 FJ	582.64
P100256	NOZZLE, PETEE 1" 65/2500 FJ	582.64
P100280	NOZZLE, PETEE 1" 80/2500 FJ	582.64
RT-3	NOZZLE, TYPHOON 3/8" 18-25 / 3000	222.26
RT-4	NOZZLE, TYPHOON 1/2"	238.48
RT-6651	NOZZLE, TYPHOON 3/4" 55/1675	325.93
RT-6652	NOZZLE, TYPHOON 3/4" 55/2000	325.93

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RT-8651	NOZZLE, TYPHOON 1" 55/1675	325.93
RT-8652	NOZZLE, TYPHOON 1" 55/2000	325.93
RT-8802	NOZZLE, TYPHOON 1" 80/2000	325.93
S3000-00268	ROLLER, NYLON 2"	25.29
S3000-00781	COUPLER, 6" MALE ALUM	36.25
S3000-00782	COUPLER, 6" FEMALE ALUM W/O GASKET	38.25
S3000-00782A	COUPLER, 6" FEMALE ALUM W/GASK	44.95
S3000-00783	COUPLER, 8" MALE ALUM STD - LONG	45.00
S3000-00783-4	COUPLER, 4" MALE ALUM	33.00
S3000-00784	COUPLER, 8" FEMALE ALUM W/O GASKET	67.62
S3000-00784-4	COUPLER, 4" FEMALE ALUM W/ GASKET	47.15
S3000-00784A	COUPLER, 8" FEMALE ALUM W/ GASKET	74.62
S3000-00929	REDUCER, 8" MALE - 6" FEMALE - STEEL	185.80
S3000-00929B	INCREASER, 6" MALE - 8" FEMALE - STEEL	188.80
S3000-00929C	REDUCER, 8" MALE - 6" MALE BLOK - ALUM.	185.18
S3000-00929D	REDUCER, 8" MALE - 4" FEMALE BLOK - STEEL	144.53
S3000-00929H	REDUCER, 8" FEMALE - 4" MALE BLOK - STEEL	149.45
S3000-00929I	REDUCER, 8" FEMALE B/L - 4" FEMALE B/L - ALUM	215.08
S3000-00929J	REDUCER, 8" FEMALE - 4" TUBE - STEEL	165.78
S3000-00929K	REDUCER, 8" MALE - 4" TUBE - STEEL	165.83
S3000-00929L	REDUCER, 8" FEMALE BAND LOCK - 6" MALE BAND LOCK - ALUM	154.24
S3000-00929S	REDUCER, 8" MALE - 6" MALE B-LOK - GALVANIZED STEEL	196.43
S3000-00929T	REDUCER, 8" MALE BAND LOCK TO 6" FEMALE BAND LOCK - ALUM	157.36
S3000-01294	REDUCER, 6 MALE - 4 FEMALE	119.25
S3000-01395	FLOAT BALL, 8" ROUND SS	110.00
S3000-01406	FLOAT BALL, 9" ROUND SS	145.00
S3000-02626	CLAMP, LOCK RING 5"	32.74
S3100-01124	TUBE, 6"x80" MALE x OPEN	148.44
S3500-00001A	GASKET, 8" SQUARE - ALUMINUM	7.25
S3500-00001S	GASKET, 8" ROUND BACK - STEEL	9.25
S3500-00002A	GASKET, 6" SQUARE - ALUMINUM	6.75
S3500-00002S	GASKET, 6" ROUND BACK - STEEL	7.70
S3500-00003A	GASKET, 4" COUPLER	4.70
S3500-00003S	GASKET, 4" COUPLER	5.85
S4510-00049	TUBE, FLUIDIZING 6" x 24" INTAKE ALUM W/BLOK	141.28
S4510-00245	TUBE, FLUIDIZING 8" x 24" INTAKE ALUM W/BLOK	190.70
S4510-00246	TUBE, FLUIDIZING 8" x 36" INTAKE ALUM W/BLOK	207.62
S6000-00260	GAUGE, 0-4000 PSI/BAR PANEL MN	103.29
S6000-00261	GAUGE, VACUUM 0-30HG	102.39
S6000-00410	GAUGE, PRESSURE 0-160 PSI	38.00
S6000-00681	BALL VALVE, 1" APOLLO	114.00
S6000-00681A	BALL VALVE, 3/4" APOLLO	86.75
S6000-00681AH	HANDLE, 3/4" APOLLO BALL VALVE	14.05
S6000-00681B	BALL VALVE, 1-1/4" APOLLO	194.75
S6000-00681BH	HANDLE, 1.25" APOLLO BALL VALV	14.50
S6000-00681H	HANDLE, 1" APOLLO BALL VALVE	14.05
S6000-010293	BALL VALVE, 1/2" APOLLO	53.75

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S6000-01130	GAUGE, 0-5000 PSI PANEL MNT	103.29
S6000-01130F	GAUGE, 0-5000 PSI FRONT FLANGE MOUNT	103.29
S7300-01935	FLOAT BALL, 6" ROUND SS	116.41
S8500-00453	TUBE, CB 8" x 24" ALUM W/MALE BLOK	162.74
S8500-00453A	TUBE, CB 8" x 24" ALUM W/FEMALE BLOK	199.85
S8500-00453AM	TUBE, CB 8" x 30" ALUM W/MALE BLOK	166.55
S8500-00453BF	TUBE, CB 8" x 36" ALUM W/FEMALE BLOK	217.37
S8500-00453BM	TUBE, CB 8" x 36" ALUM W/MALE BLOK	174.32
S8500-00453D	TUBE, CB 8" x 48" ALUM W/MALE BLOK	191.84
S8500-00453DF	TUBE, CB 8" x 48" ALUM W/FEMALE BLOK	234.89
S8500-00453E	TUBE, CB 8" x 60"ALUM W/MALE BLOK	208.16
S8500-00453EF	TUBE, CB 8" x 60" ALUM W/FEMALE BLOK	250.96
S8500-00453F	TUBE, CB 8" x 72" ALUM W/MALE BLOK	225.57
S8500-00453FF	TUBE, CB 8" x 72" ALUM W/FEMALE BLOK	268.38
S8500-00453G	TUBE, CB 8" x 84" ALUM W/FEMALE BLOK	284.15
S8500-00453GG	TUBE, CB 8" x 84" ALUM W/MALE BLOK	243.63
S8500-00453H	TUBE, CB 8" x 96" ALUM W/MALE BLOK	262.86
S8500-00453HF	TUBE, CB 8" x 96" ALUM W/FEMALE BLOK	301.47
S8500-00453J	TUBE, CB 8" x 78" ALUM W/MALE BLOK	234.01
S8500-00453JF	TUBE, CB 8" x 78" ALUM W/FEMALE BLOK	275.50
S8500-00453K	TUBE, CB 8" x 120" ALUM W/MALE BLOK	322.39
S8500-00453L	TUBE, CB 8" x 16" ALUM W/MALE BLOK	142.05
S8500-00454	TUBE, CB 6" x 24" ALUM W/MALE BLOK	134.50
S8500-00455	TUBE, CB 6" x 36" ALUM W/MALE BLOK	147.50
S8500-00455A	TUBE, CB 6" x 72" ALUM W/MALE BLOK	191.38
S8500-00455AFHE	TUBE, 6" x 72" ALUM HYDRO-EXCAVA W/FEMALE BLOK	277.48
S8500-00455AHE	TUBE, 6" x 72" ALUM HYDRO-EXCAVA W/MALE BLOK	254.04
S8500-00455B	TUBE, CB 6" x 84" ALUM W/MALE BLOK	198.25
S8500-00455BHE	TUBE, 6" x 84" ALUM HYDRO-EXCAVA W/MALE BLOK	283.37
S8500-00455CHE	TUBE, 6" x 60" ALUM HYDRO-EXCAVA W/MALE BLOK	216.62
S8500-00455F	TUBE, CB 6" x 36" ALUM W/FEMALE BLOK	151.06
S8500-00455FBHE	TUBE, 6" x 84" ALUM HYDRO-EXCAVA W/FEMALE BLOK	285.17
S8500-00455FCHE	TUBE, 6" x 60" ALUM HYDRO-EXCAVA W/FEMALE BLOK	235.98
S8500-00455FHE	TUBE, 6" x 120" ALUM HYDRO-EXCAVA W/MALE BLOK	371.39
S8500-02868	ADAPTER, 8" ALUM. MALE x HOSE BARB	110.45
S8500-02869	ADAPTER, 6" ALUM. MALE x HOSE BARB	100.52
S8500-03149	ADAPTER, 8" ALUM. FEMALE x HOSE BARB	152.25
S8500-03149-SP	ADAPTER, 8" ALUM. SP FEMALE x HOSE BARB - SUPER PRODUCTS	125.65
S8500-03150	ADAPTER, 6" ALUM FEMALE x HOSE BARB	99.00
S8510-00285	TUBE, INTAKE 6" x 24" ALUM W/BLOK	113.20
S8510-00285-1F	TUBE, INTAKE 6" x 24" ALUM W/ FEMALE BLOK X OPEN	102.00
S8510-00286	TUBE, INTAKE 6" x 48" ALUM W/BLOK	141.25
S8510-00286S	TUBE, INTAKE 6 X 48" W/ STEEL BLOK	230.35
S8510-00287	TUBE, INTAKE 6" x 96" ALUM W/BLOK	197.00
S8510-00287A	TUBE, CB, 6" x 96" ALL ALUM W/MALE BLOK	210.00
S8510-00287AA	TUBE, CB 6" x 78" ALUM W/MALE BLOK	189.00
S8510-00287AB	TUBE, CB 6" x 78" ALUM W/FEMALE BLOK	200.00

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S8510-00287B	TUBE, CB 6" x 60" ALUM W/MALE BLOK	168.00
S8510-00287BF	TUBE, CB 6" x 60" ALUM W/FEMALE BLOK	178.00
S8510-00287C	TUBE, CB 6" x 72" ALL ALUM W/FEMALE BLOK	192.00
S8510-00287D	TUBE, CB 6" x 48" ALUM W/MALE BLOK	153.75
S8510-00287DF	TUBE, CB 6 " x 48" ALUM W/FEMALE BLOK	164.25
S8510-00287E	TUBE, CB 6" x 84" ALUM W/FEMALE BLOK	206.00
S8510-00287K	TUBE, CB 6" x 120" ALUM W/MALE BLOK	238.00
S8510-00287KF	TUBE, CB 6" x 120" ALUM W/FEMALE BLOK	249.00
S8510-00288	TUBE, INTAKE 8" x 24" ALUM W/BLOK	170.24
S8510-00288F	TUBE, INTAKE 8" x 24" ALUM W/MALE BLOK / FLANGE	121.20
S8510-00289	TUBE, INTAKE 8" x 48" ALUM W/BLOK	203.00
S8510-00290	TUBE, INTAKE 8" x 96" ALUM W/BLOK	273.25
S8510-00290A	TUBE, INTAKE 8" x 90" ALUM W/BLOK	264.50
S8510-00453GGHE	TUBE, 8" x 84" ALUM HYDRO-EXCAVA W/MALE BLOK	357.96
S8510-00938	TUBE, INTAKE 6" x 120" ALUM W/BLOK	228.00
S8510-01017-1F	TUBE, INTAKE 4" x 48" ALUM W/ FEMALE BLOK X OPEN	115.00
S8510-01017-1M	TUBE, INTAKE 4" X 60" ALUM MALE BLOK X OPEN	120.00
S8510-01147	TUBE, INTAKE 6" x 36" ALUM W/BLOK	126.75
S8510-01148	TUBE, INTAKE 6" x 60" ALUM W/BLOK	153.75
S8510-01148A	TUBE, INTAKE 6" x 72" ALUM W/BLOK	167.75
S8510-01148B	TUBE, INTAKE 6" x 72" ALUM W/MALE x OPEN	151.50
S8510-01371	TUBE, INTAKE 6" x 84" ALUM W/BLOK	183.00
S8510-01371S	TUBE, INTAKE 6" x 84" ALUM W/ STEEL BLOK	275.00
S8510-01373	TUBE, INTAKE 8" x 36" ALUM W/BLOK	186.00
S8510-01374	TUBE, INTAKE 8" x 60" ALUM W/BLOK	218.50
S8510-01374A	TUBE, INTAKE 8" x 72" ALUM W/BLOK	235.75
S8510-01374A-1F	TUBE, INTAKE 8" x 72" ALUM W/FEMALE BLOK x OPEN	216.64
S8510-01374A-1M	TUBE, INTAKE 8" x 72" ALUM W/ MALE BLOK x OPEN	216.64
S8510-01374AFHE	TUBE, 8" x 72" ALUM HYDRO-EXCAVA W/FEMALE BLOK	321.48
S8510-01374AHE	TUBE, 8" x 72" ALUM HYDRO-EXCAVA W/MALE BLOK	317.97
S8510-01374B	TUBE, INTAKE 8" x 72" ALUM W/MALE x MALE BLOK	192.50
S8510-01374C	TUBE, INTAKE 8" x 67" ALUM W/BLOK	226.06
S8510-01375	TUBE, INTAKE 8" x 84" ALUM W/BLOK	251.00
S8510-01375-1M	TUBE, INTAKE 8" x 84" ALUM W/MALE BLOK x OPEN	228.00
S8510-01376	TUBE, INTAKE 8" x 120" ALUM W/BLOK	302.50
SRE17048	ROLLER, 5" ALUMINUM	57.04
SWAGE-HAND	SWAGE, PORTABLE 1/2" - 1" HOSE	535.70
U-189	WRENCH, HYDRANT HEAVY DUTY	38.09
U10749A-SPS	FLANGE, 8-1/8" SLOTTED STL SPE	18.14
U10749B-SPA	FLANGE, 8" PLAIN STEEL SPECIAL	16.14
U15338	FLANGE, 6-1/8" PUNCHED STEEL	15.15
U15338C	FLANGE, 6" STEEL PLAIN W/ RIVET HOLES	15.15
U16056**	HUB ASSY, TAPER LOCK 2-3/8"	121.83
U16584	CLAMP, QUICK 8"	23.25
U16584-HOOK	BOLT, I-BOLT FOR U16584	2.50
U16585	GASKET, 8" FLANGE	7.90
U20188A	COUPLER, SOCKET FEMALE 1/2"	43.75

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U20189	COUPLER, PLUG M x M 3/4"	10.97
U20189B	COUPLER, M x F 3/4"	8.10
U20189C	COUPLER, M x F 1/2"	7.83
U20189D	COUPLER, PLUG M x M 1/2"	5.80
U20199A	HOSE COUPLING, 2-1/2" MALE	17.10
U20199B	HOSE COUPLING, 2-1/2" FEMALE	25.50
U20720	HOSE, WATER FILL 2-1/2" BULK	2.70
U20720-DJ	HOSE, WATER FILL 2-1/2" DOUBLE JACKET BULK	3.25
U20720A	HOSE, WATER FILL 2-1/2" x 25'	67.50
U20720A-A	HOSE, WATER FILL 2 1/2" x 25' W/FITTINGS	127.50
U20720A-ACLDJ	HOSE, WATER FILL 2 1/2" DOUBLE JACKET x 25' W/ FEMALE x FEMALE CL TYPE	139.75
U20720A-ADJ	HOSE, DOUBLE JACKET WATER FILL 2 1/2" x 25' W/FITTINGS	131.85
U20720D	HOSE, WATER FILL 2-1/2" x 50'	135.00
U20720D-A	HOSE, WATER FILL 2 1/2" x 50' W/FITTINGS	194.10
U20720D-ACLDJ	HOSE, WATER FILL 2 1/2" DOUBLE JACKET x 50' W/ FEMALE x FEMALE CL TYPE	221.83
U20720D-ADJ	HOSE, DOUBLE JACKET WATER FILL 2 1/2" x 50' W/FITTINGS	206.43
U20720G	HOSE, WATER FILL 2 1/2" x 20'	54.00
U20720G-A	HOSE, WATER FILL 2 1/2" x 20' W/FITTINGS	114.15
U20720Z	HOSE, WATER FILL 2-1/2" x 100'	270.00
U20720Z-A	HOSE, WATER FILL 2 1/2" x 100' W/FITTINGS	327.40
U20735	FLANGE, 4-1/8" PLAIN STEEL	13.25
U20971	GAUGE, PRESSURE 0-3000PSI	69.16
U20980	VALVE, BUTTERFLY 5" 200CWP LUG	580.00
U222B10-1	TUBE, HOSE GUIDE - ALUMINUM	88.00
U222B10-1A	TUBE, HOSE GUIDE W/ ROLLERS	93.50
U23788	CROWN, 8" SERRATED STEEL	34.75
U25262	HANDLE, TUBE STYLE 8"	127.46
U25262-SH	HANDLE SWIVEL, TUBE STYLE 8"	127.46
U25268	TUBE, CB 8" x 78" ALUM W/STEEL ENDS	225.30
U25268A	TUBE, CB 8" x 32" ALUM W/STEEL ENDS	161.70
U25268B	TUBE, CB 8" x 84" ALUM W/STEEL ENDS	230.00
U25268C	TUBE, CB 8" x 60" ALUM W/STEEL ENDS	192.00
U25268D	TUBE, CB 8" x 82" ALUM W/STEEL ENDS	226.75
U25268E	TUBE, CB 8" x 90" ALUM W/STEEL ENDS	239.50
U25268F	TUBE, CB 8" x 42" ALUM W/STEEL ENDS	172.00
U25268G	TUBE, CB 8" x 36" ALUM W/STEEL ENDS	167.00
U25268H	TUBE, CB 8" x 48" ALUM W/STEEL ENDS	179.00
U25268J	TUBE, CB 8" x 96" ALUM W/STEEL ENDS	247.50
U25268K	TUBE, CB 8" x 108" ALUM W/STEEL ENDS	278.00
U25268L	TUBE, CB 8" x 120" ALUM W/STEEL ENDS	285.00
U25268M	TUBE, CB 8" x 72" ALUM W/STEEL ENDS	210.00
U25268M-SPEC	TUBE, CB 8" x 72" ALUM FLG / STEEL CROWN	220.00
U25268N	TUBE, CB 8" x 24" ALUM W/STEEL ENDS	135.00
U25637	TUBE, INTAKE 8" x 60" ALUM W/STEEL FLANGES	178.00
U25637A	TUBE, INTAKE 8" x 96" ALUM W/STEEL FLANGES	233.75
U25637B	TUBE, INTAKE 8" x 30" ALUM W/STEEL FLANGES	131.30
U25637C	TUBE, INTAKE 8" x 36" ALUM W/STEEL FLANGES	140.60

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U25637D	TUBE, INTAKE 8" x 72" ALUM W/STEEL FLANGES	196.50
U25637E	TUBE, INTAKE 8" x 84" ALUM W/STEEL FLANGES	215.10
U25637F	TUBE, INTAKE 8" x 90" ALUM W/STEEL FLANGES	224.40
U25637G	TUBE, INTAKE 8" x 120" ALUM W/STEEL FLANGES	281.95
U25637J	TUBE, INTAKE 8" x 70" ALUM W/STEEL FLANGES	193.40
U25637K	TUBE, INTAKE 8" x 28" ALUM W/STEEL FLANGES	128.20
U25637M	TUBE, INTAKE 8" x 48" ALUM W/STEEL FLANGES	163.20
U25637N	TUBE, INTAKE 8" x 12" ALUM W/STEEL FLANGES	105.77
U25637P	TUBE, INTAKE 8" x 78" ALUM W/STEEL FLANGES	205.80
U25637R	TUBE, INTAKE 8" x 24" ALUM W/STEEL FLANGES	122.00
U25637V	TUBE, INTAKE 8" x 102" ALUM W/STEEL FLANGES	243.00
U25637W	TUBE, INTAKE 8" x 108" ALUM W/STEEL FLANGES	252.30
U25656	SEAL ASSY. SPONGE INLET	50.00
U25975	ASP&C 2100 38" FAN ASSEMBLY - 122 lbs. on pallet	3,130.00
U25975-S	ASP&C 2100+ 38" FAN ASSY. MUST SHIP WITH 1 U47801F-30	4,260.00
U27771	ELBOW 70*, REGULAR DUTY .188 W	1,162.00
U27771-R	ELBOW, 70 DEG. REINFORCED	1,290.00
U27771AD20A	ADAPTER, 20 DEG. ELBOW ALUM.	126.78
U27771AD20S	ADAPTER, 20 DEG. ELBOW - STEEL	118.92
U27771AD8X620A	ADAPTER 8" FLANGE REDUCED TO 6" FLANGE 20 DEG ALUM	132.38
U27771H	ELBOW 70*, HEAVY DUTY .250 WL	1,288.00
U27771H-R	ELBOW, 70 DEG. HEAVY DUTY REINFORCED	1,422.00
U27771H-SP	ELBOW 70*, HVY DUTY W/MNT BLNK	1,327.00
U27771SP	ELBOW 70*, REG DUTY W/MNT BLNK	1,203.00
U29343-A2	NOZZLE, SANITARY 30*1" 60/2000	76.82
U29343-B2	NOZZLE, SANITARY 30*1" 50/2000	76.82
U29343-C	NOZZLE, SANITARY 30* 1" 80/2000	76.82
U29898	HOSE, 6" BULK/FOOT DISCHARGE	3.80
U29898A	HOSE, 6" x 5' DISCHARGE	19.00
U29898B	HOSE, 6" x 8' DISCHARGE	30.40
U29898C	HOSE, 6" x 10' DISCHARGE	38.00
U29898E	HOSE, 6" x 15' DISCHARGE	57.00
U29898F	HOSE, 6" x 20' DISCHARGE	76.00
U29898G	HOSE, 6" x 25' DISCHARGE	95.00
U29898H	HOSE, 6" x 50' DISCHARGE	190.00
U29898N	HOSE, 6" x 100' DISCHARGE	380.00
U29899-8	HOSE, 8" BULK/FOOT DISCHARGE	5.75
U34615	REDUCER, 8" - 6" FLANGED PLATE - STEEL	161.71
U34763A	TUBE, INTAKE 6" x 60" ALUM W/STEEL FLANGES	143.60
U34763AA	TUBE, INTAKE 6" x 72" ALUM W/STEEL FLANGES	159.59
U34763B	TUBE, INTAKE 6" x 96" ALUM W/STEEL FLANGES	191.55
U34763C	TUBE, INTAKE 6" x 48" ALUM W/STEEL FLANGES	130.90
U34763D	TUBE, INTAKE 6" x 36" ALUM W/STEEL FLANGES	115.65
U34763E	TUBE, INTAKE 6" x 90" ALUM W/STEEL FLANGES	183.57
U34763F	TUBE, INTAKE 6" x 120" ALUM W/STEEL FLANGES	224.67
U34763H	TUBE, INTAKE 6" x 28" ALUM W/STEEL FLANGES	107.14
U34766	TUBE, CB 6" x 78" ALUM W/STEEL ENDS	183.96

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U34766-1	TUBE, CB 6" x 18" ALUM W/STEEL ENDS	110.96
U34766A	TUBE, CB 6" x 60" ALUM W/STEEL ENDS	160.57
U34766B	TUBE, CB 6" x 48" ALUM W/STEEL ENDS	146.28
U34766C-NF	TUBE, CB 6" x 72" ALUM W/STEEL CB X RAW END	155.42
U34766D	TUBE, CB 6" x 120" ALUM W/STEEL ENDS	239.04
U34766E	TUBE, CB 6" x 84" ALUM W/STEEL ENDS	191.75
U34766F	TUBE, CB 6" x 96" ALUM W/STEEL ENDS	207.31
U34766G	TUBE, CB 6" x 90" ALUM W/STEEL ENDS	199.63
U34766H	TUBE, CB 6" x 108" ALUM W/STEEL ENDS	221.94
U34766M	TUBE, CB 6" x 36" ALUM W/STEEL ENDS	142.39
U34766N	TUBE, CB 6" x 30" ALUM W/STEEL ENDS	127.42
U34767	CROWN, 6" SERRATED STEEL	29.00
U35096	REDUCER, 8" - 6" FLANGED CONED - STEEL	161.71
U35096A	REDUCER, 10" - 8" FLANGED SLOTTED/CONED - STEEL	126.99
U35096B	REDUCER, 12" - 8" FLANGED - STEEL	187.46
U35096C	REDUCER, 8" FLANGE - 6" TUBE - STEEL	196.70
U35096E	REDUCER, 8" FLANGE - 4" TUBE - STEEL	166.33
U35096SP	REDUCER, 8" FLANGE - 6" FEMALE B-LOK SLOTTED/CONE - STEEL	128.50
U35096SP-4	REDUCER, 8" FLANGE-4" FEMALE B-LOK	74.18
U35594	GASKET "D", 255" - 1 3/4" x 2"	387.50
U35594A	GASKET "D", 70"	92.50
U35594B	GASKET "D", 88"	138.50
U35594C	GASKET "D", 64"	84.50
U35594F	GASKET "D", 325"	427.58
U35594G	GASKET "D", 230"	306.10
U35594H	GASKET, "D" 360"	603.33
U35594I	GASKET "D", 384"	685.44
U35594K	GASKET "D", 91"	180.00
U35594L	GASKET, "D" 258"	406.38
U35594M	GASKET, "D" 196"	288.12
U35594N	GASKET "D", 40"	52.75
U35594O	GASKET "D", 168"	221.03
U35597**	LOCK ASSY, REAR DOOR SIDE810	130.94
U36058A145	NOZZLE, #10 STORM 1" 45/1200	166.92
U36058A160	NOZZLE, #10 STORM 1" 60/1200	166.92
U36058A180	NOZZLE, #10 STORM 1" 80/1200	166.92
U36058A2100	NOZZLE, #10 STORM 1" 100/2000	166.92
U36058A245	NOZZLE, #10 STORM 1" 45/2000	166.92
U36058A260	NOZZLE, #10 STORM 1" 60/2000	182.47
U36058A280	NOZZLE, #10 STORM 1" 80/2000	182.47
U36058A350	NOZZLE, #10 STORM 1" 50/3000	182.47
U36058A380	NOZZLE, #10 STORM 1" 80/3000	166.92
U36058B245	NOZZLE, #10 STORM CARB 1"45/2000	772.15
U36058B260	NOZZLE, #10 STORM CARB 1"60/2000	772.15
U36058B280	NOZZLE, #10 STORM CARB 1"80/2000	772.15
U36114	NOZZLE, #10 ALUM STORM BODY	135.75
U36460	SPOTLIGHT, HAND (110K CP) (VAC-CON)	291.15

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U36460A	SPOTLIGHT, HAND 4 PIN(110K CP) (VACTOR)	291.15
U38823B	HOSE GUIDE ROLLER ASSY 4", NEWER U60508 ASSY, DBL CHECK W/ CUST	78.94
U40011	FLANGE, 8" PLAIN STL W/RIVET HOLE	23.20
U40011A	FLANGE, 8" PLAIN ALUM EZ STYLE	25.00
U40011B	FLANGE, 6" PLAIN ALUM EZ STYLE	20.50
U40011C	REDUCER, 8" - 6" EZ FLANGE	56.75
U40011D	FLANGE, 4" ALUMINUM - PLAIN	23.40
U40019A	VALVE, 3" LEVER GATE - BRONZE	220.22
U40019B	VALVE, 4" LEVER GATE - BRONZE	319.07
U40019H	VALVE, 6" LEVER GATE - BRONZE	542.15
U40019I	HANDLE, 6" GATE VALVE	66.70
U40029	VALVE, RELIEF WATER 700 PSI - 3/4"	155.03
U40029A	VALVE, RELIEF WATER 300 PSI - 3/4"	155.03
U40029B	VALVE, RELIEF WATER 700 PSI - 1/2"	155.03
U40029C	VALVE, RELIEF WATER 300 PSI - 1/2" ..	155.03
U40052	SWIVEL, 1" 90° TM STYLE	289.00
U40052A	SWIVEL, 3/4" 90° TM STYLE	289.00
U40052A-30	SWIVEL REPAIR KIT, 3/4" & 1"	72.50
U40052B	SWIVEL, STRAIGHT 3/4" TM STYLE	289.00
U40052C	SWIVEL, 1" STRAIGHT TM STYLE	289.00
U40071	CLUTCH, SINGLE STAGE TRANS - 30 lbs.	975.00
U40147	CLUTCH, DUAL STAGE TRANS	1,900.00
U40275	GEAR, OUTPUT - SINGLE ST. 32T	760.76
U40276	GEAR, INPUT, SINGLE ST. 45T	584.88
U40375	SEAL KIT, 3/4" & 1" SWIVEL	30.00
U40575C	BALL VALVE, 3/4" - HYCON 2 WAY	68.00
U40575HY	BALL VALVE, 1/2" - HYCON 2 WAY	43.00
U40575HYH	HANDLE, 1/2" 2 WAY BALL VALVE	27.00
U40576HY	BALL VALVE, 1"-HYCON STYLE 2 WAY	81.20
U40799	GAUGE, PRESSURE 2-1/2 600 PSI	42.90
U41269	CAP, 3" Y STRAINER	64.89
U41270	CLAMP, 3" Y STRAINER W/NUT&BOL	61.53
U41270-SP	CLAMP, 3" Y STRAINER W/NUT AND T HANDLE	61.53
U41271	GASKET, CAP 3" Y STRAINER	2.84
U41272	GASKET, BASKET 3" Y STRAINER	3.66
U41273	NUT, JAM 1/2-13	0.45
U41274	BOLT, 1/2-13X2 3/4" SQUARE HEAD	5.61
U41279	Y STRAINER, 3" COMP W/SCREEN	326.56
U41280	SCREEN FILTER, 3" - MEASURES 4" x 7 1/4"	29.75
U42085	BEARING KIT, 3/4" & 1" SWIVEL	17.10
U42446HY	BALL VALVE, 1/4" - HYCON 2 WAY	34.04
U42581	COUPLER, 6" FEMALE GAL STEEL W/ GASKET	44.66
U42581A	COUPLER, 6" FEMALE WELD-ON	30.64
U42582	COUPLER, 8" FEMALE GAL STEEL W/ GASKET	59.87
U42582A	COUPLER, 8" FEMALE WELD-ON	42.37
U42583	COUPLER, 4" MALE STEEL	28.83
U42583B	COUPLER, MALE 3" STEEL	21.69

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U42583W	COUPLER, 4" MALE - BL WELD ON	23.72
U42584	COUPLER, 6" MALE GAL STEEL	43.18
U42584A	COUPLING, 6 MALE WELD-ON	29.29
U42585	COUPLER, 8" MALE GAL STEEL	53.16
U42585A	COUPLER, 8 MALE WELD-ON	38.18
U42585M	8" MALE END MODIFIED-JOHNSTON	67.10
U42586	CLAMP, LOCK RING 4"	30.13
U42586B	CLAMP, LOCK RING 3"	27.69
U42587	CLAMP, LOCK RING 6"	17.25
U42588	CLAMP, LOCK RING 8"	17.95
U42592	CLAMP, KING 4"	17.15
U42592A	CLAMP, KING 3"	14.87
U42593	CLAMP, KING 6"	19.63
U42594	CLAMP, KING 8"	26.00
U42595	HOSE, DEBRIS 8" x 60" CUFFED..40# EACH	544.42
U42595-AR	HOSE, DEBRIS 8" X 60" ABRASION RESISTANT	716.06
U42596	HOSE, DEBRIS 6" x 60" CUFFED	509.62
U42597	HOSE, DEBRIS 8" x 120" CUFFED..65# EACH	1,135.32
U42633	VALVE, 3" RELIEF 14.5 INHG (KUNKLE)	1,085.76
U42645	GAUGE, VACUUM 0-30HG PANEL MNT	77.40
U43308	HOSE, KANAFLEX STYLE, 8" x 10'	630.20
U43309	HOSE, KANAFLEX STYLE, 8" x 40'	2,520.80
U43319	HOSE, KANAFLEX STYLE, 8" x 60"	315.10
U43320	HOSE, KANAFLEX STYLE, 6" x 60"	203.75
U43321	HOSE, KANAFLEX STYLE, 6" x 10'	407.50
U43322	HOSE, KANAFLEX STYLE, 4" BULK/FOOT	22.00
U43323	HOSE, KANAFLEX STYLE, 6" BULK/FOOT	40.75
U43363	HOSE, KANAFLEX STYLE, 8" x 66"	378.12
U43364	HOSE, KANAFLEX STYLE, 8" x 102"	567.18
U43365	HOSE, KANAFLEX STYLE, 8" x 127"	693.22
U43388	CLAMP, POWER 8"	14.00
U43389	CLAMP, POWER 4"	11.00
U43413	FLANGE, 6 SLOTTED STL W/6 SLTS	18.26
U43413C	FLANGE, 10" SLOTTED STL	17.05
U43414	FLANGE, 8" PUNCHED STEEL	15.48
U43415	CLAMP, POWER 6"	15.52
U43563	CLAMP, LOCK RING 10"	40.00
U43716	HOSE, KANAFLEX STYLE, 8" BULK/FOOT	63.02
U43716-10	HOSE, KANAFLEX STYLE, 10" BULK/FOOT	109.74
U43716-12	HOSE, KANAFLEX STYLE, 12" BULK/FOOT	133.35
U43784	CLAMP, POWER 2"	6.36
U43941HY	BALL VALVE, 1 1/4"-HYCON 2 WAY BLOCK STYLE	139.50
U43941HYS	SEAL KIT, BALL VALVE 1 1/4" 2-	58.97
U43947	SWIVEL, 1-1/4" 90° TM STYLE	305.00
U43947A-30	SWIVEL REPAIR KIT, 1 1/4"	83.50
U43957	HOSE, DEBRIS 8" x 66" CUFFED..50# EACH	568.52
U43957A	HOSE, DEBRIS 8" x 66" CUFFED HEAVY DUTY	602.07

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U43958	HOSE, DEBRIS 8" x 127" CUFFED - 77 LBS	1,212.77
U43959	HOSE, DEBRIS 8" x 102" CUFFED..65# EACH	1,005.38
U44106	SWIVEL, 1-1/4" STRAIGHT TM STYLE	305.00
U44155	HOSE, DEBRIS 6" x 120" CUFFED..50# EACH	900.00
U44233-80	NOZZLE, SANITARY 15* 80 GPM	75.51
U44233-A2	NOZZLE, SANITARY 15* 1"60/2000	75.51
U44233-B2	NOZZLE, SANITARY 15* 1"50/2000	75.51
U44234	NOZZLE, STEEL SAND 12*1" 60/2000	74.25
U44388	FLOAT BALL, 10" ROUND SS	212.05
U44388A	FLOAT BALL, 12" ROUND SS	337.20
U44478	FLOAT BALL, 14" ROUND SS	511.92
U44535	BALL VALVE, 3/8 3-WAY 5800PSI	63.00
U44535A	BALL VALVE, 3/8 2000 2-WAY STL	32.00
U44647	SEAL KIT, 1 1/4" SWIVEL	35.00
U44648	BEARING KIT, 1 1/4" SWIVEL	18.60
U44861	PEND CNTRL, 7 BTN W/30' - BLACK	645.98
U44861-VR	PEND CNTRL, 7 BTN W/30' - VAC	531.96
U44861A	PEND CNTRL, 7BTN NO CABLE-BLK	544.32
U44861B	PEND CNTRL, 7 BUTTON 10' - BLK	571.09
U44861C	PEND CNTRL 7 BUTTON 15' - BLK	583.74
U44861D	PEND CNTRL 7 BUTTON 20' - BLK	609.76
U44861E	PEND CNTRL, 7 BTN W/50' - BLK	721.09
U44861F	PEND CNTRL, 7 BTN W/25' - BLK	617.99
U44861J	PEND CNTRL, 7 BTTN W/O VAC 30'	907.95
U44861JA	PEND CNTRL, 7 BTTN W/O VAC 20'	845.48
U44861L	PEND CNTRL, 7 BTTN W/VAC RELIE	1,001.64
U44861L-20	PEND CNTRL, 7 BTTN W/VAC RELIE	743.60
U44861L-50	PEND CNTRL, 7 BTTN W/VAC RELIE	866.58
U45045	CLAMP, KING 10"	67.75
U45045A	CLAMP, KING 12"	75.00
U45046	WHEEL, COUNTER (NEW) 5/16" BORE	137.15
U45047A	FOOTAGE COUNTER - LH - CCW	1,521.54
U45047C	FOOTAGE COUNTER, LH - SPECIAL	1,136.00
U45049	FOOTAGE COUNTER - HINGE	25.25
U45054A	FOOTAGE COUNTER - RH - CW	1,138.10
U45108	JOYSTICK - VACTOR	522.50
U45109	WASHDOWN GUN - HD - 18GPM/850PSI	218.00
U45109A	WASHDOWN GUN - HD - 25GPM/3000PSI	734.11
U45113	FLOAT BALL, 6" RND SS 1/2" BORE	116.41
U45548H	BEARING, ROTARY WHEEL - 60lbs.	1,080.00
U45551	CYLINDER, AIR	47.75
U45606	CLAMP, POWER 12"	26.00
U45716	RUBBER, 10" COMPRESSION JNT I.D. 12" X 10"..8# EACH	784.00
U45739	CLAMP, POWER 10"	24.75
U45797	Y STRAINER, 2" COMP W/SCREEN	238.48
U45803	SCREEN, FILTER 2" - MEASURES 2 1/4" x 5 1/4"	26.06
U45804	HOSE, KANAFLEX STYLE, 8" x 62"	331.65

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U46135	CLAMP, 2" Y STRAINER W/NUT&BOL	48.58
U46136	CAP, 2" Y STRAINER	39.65
U46137	GASKET, BASKET 2" Y STRAINER	3.35
U46138	GASKET, CAP 2" Y STRAINER	5.92
U46139	BOLT, 1/2-13X2: SQUARE HEAD	2.52
U46140	NUT, 1/2-13 JAM	0.75
U46564	HOSE, DEBRIS 8" x 62" CUFFED 28# EACH	722.47
U46564-72	HOSE, DEBRIS 8" x 72" CUFFED..34# EACH	860.13
U46564-AR	HOSE, DEBRIS 8" x 62" ULTRA ABRASION RESISTANT I.D.	710.35
U46564A	HOSE, DEBRIS 8" x 62" CUFFED HD - 32lbs.	776.48
U46564B	HOSE, DEBRIS 8" x 62" EXTRA HD..APX 45 LBS	873.25
U46564HE	HOSE, DEBRIS 8" x 62" HYDRO EX STATIC RESISTANT	668.06
U46564J	HOSE, DEBRIS 8" x 74" CUFFED	578.80
U46564N	HOSE, DEBRIS HI-RESIST LINER 8" x 74" CUFFED	838.20
U47392	HOSE, DEBRIS 6" x 64" ..25# EACH	585.00
U47394-BULK	HOSE, DEBRIS 10" - NO CUFFS	125.00
U47801F-30	TAPER LOCK ASSY - 2100+ FAN	667.82
U500272A	SCREEN WELD. - FLOAT CAGE PVC	384.00
U50078	PLUG, 8" MALE - BANDLOCK	74.50
U50271	REDUCER, 8" FLANGE - 6" FEMALE B-LOK SLOTTED/PLATE - STEEL	115.50
U50271A	ADAPTER, 6" FLANGE - 6" FEMALE BAN - STEEL	104.06
U51188	ADAPTER, 8" FEMALE BAND LOCK - 8" FLANGE W/GASKET - STEEL	107.95
U51188A	ADAPTER, 8" MALE BAND - 8" FLANGE - STEEL	105.02
U51466**	LOCK, REAR DOOR 45* - LOWER	169.18
U51467**	LOCK HANDLE WELDMENT W/STOP	21.35
U51770	REDUCER, 8" FLANGE - 6" M BAND - STEEL	75.00
U52342	HOSE, KANAFLEX STYLE , 6" x 25' W/BANDLOCK	1,096.96
U52343	HOSE, KANAFLEX STYLE, 6" x 25'	1,012.10
U52346	HOSE, KANAFLEX STYLE, 8" x 60" W/BANDLOCK	435.65
U52346A	HOSE, KANAFLEX STYLE, 8" x 72" W/BANDLOCK	497.89
U52347	HOSE, KANAFLEX STYLE, 8" x 10' W/BANDLOCK	746.85
U52349	HOSE, KANAFLEX STYLE, 6" x 60" W/BANDLOCK	299.14
U52349A	HOSE, KANAFLEX STYLE, 6" x 72" W/BANDLOCK	339.37
U52350	HOSE, KANAFLEX STYLE, 6" x 10' W/BANDLOCK	497.20
U52351	HOSE, KANAFLEX STYLE, 6" x 50' W/BANDLOCK	2,096.56
U52352	HOSE, KANAFLEX STYLE, 4" x 25' W/BANDLOCK	584.27
U52354	HOSE, KANAFLEX STYLE, 4" x 100' W/BANDLOCK	2,141.87
U52357	HOSE, KANAFLEX STYLE, 8" x 20' W/BANDLOCK	1,369.25
U52357A	HOSE, KANAFLEX STYLE, 8" x 25' W/BANDLOCK	1,680.45
U52763	HOSE, KANAFLEX STYLE, 8" x 66" W/FLANGED ENDS	467.42
U52764	HOSE, KANAFLEX STYLE, 8" x 102" W/FLANGED ENDS	655.30
U52765	HOSE, KANAFLEX STYLE, 8" x 127" W/FLANGED ENDS	785.76
U52765A	HOSE, KANAFLEX STYLE, 8" x 25' W/FLANGED ENDS	1,688.68
U52985	ELBOW, 6" x 90* FLANGED STEEL	174.34
U53186	TUBE, INTAKE 8" x 18" ALL STEEL W/FLANGES	121.62
U53186A	TUBE, INTAKE 8" x 36" ALL STEEL W/FLANGES	183.75
U53186B	TUBE, INTAKE 8" x 60" ALL STEEL W/FLANGES	266.88

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U53186C	TUBE, INTAKE 8" x 96" ALL STEEL W/FLANGES	392.33
U53186CD	TUBE, INTAKE 8" x 102" ALL STEEL W/FLANGES	412.75
U53186D	TUBE, INTAKE 8" x 120" ALL STEEL W/FLANGES	473.96
U53186E	TUBE, INTAKE 8" x 107" ALL STEEL W/FLANGES	429.07
U53186G	TUBE, INTAKE 8" x 101" ALL STEEL W/FLANGES	409.86
U53191	ELBOW, 8" x 45* FLANGED STEEL	243.51
U53197	ELBOW, 6" x 45* FLANGED STEEL	160.78
U53348	WELDMENT, 6" FLANGE ASSY	56.20
U53488	ELBOW, 8 x 90* B-LOK STEEL	275.00
U53490	ELBOW, 8 x 45* B-LOK STEEL	240.00
U53492	ELBOW, 6 x 90* B-LOK STEEL	209.50
U53492M	ELBOW, STEEL 6" 90* M-M BANDLOCK	190.31
U53494	ELBOW, 6 x 45* B-LOK STEEL	183.00
U54101A	EXT WELDMENT, 8"x10" ALL STL	93.40
U54101A-1F	EXT WELDMENT, 8"x10" ALL STL - 1 FLANGE - NOT FOR HIVAC	93.40
U54101B	EXT WELDMENT, 8"x12" ALL STL	100.21
U54101B-1F	EXT WELDMENT, 8" x 12" ALL STEEL - 1 FLANGE	100.21
U54101C	EXT WELDMENT, 8" x 6" ALL STL	97.01
U54101E	EXT WELDMENT, 8"x18" ALL STL	124.75
U54101E-1F	EXT WELDMENT, 8"x18" ALL STL - 1 FLANGE	124.75
U54101F	EXT WELDMENT, 8"x20" ALL STL	130.18
U54101G	EXT WELDMENT, 8"x28" ALL STL	156.43
U54101H	EXT WELDMENT, 8"x24" ALL STL	148.58
U54101HFF	TUBE, 8"x24" AQ FEMALE/FLANGE	278.66
U54101K	EXT WELDMENT, 8"x30" ALL STL	162.35
U54101L	EXT WELDMENT, 8"x120" ALL STL	460.50
U54101N	EXT WELDMENT, 8"x36" ALL STL	180.63
U54101Q	EXT WELDMENT, 8"x42" ALL STL	205.25
U54101R	EXT WELDMENT, 8"x105" ALL STL	420.02
U54101S	EXT WELDMENT, 8"x46" ALL STL	216.86
U54101T	EXT WELDMENT, 8"x48" ALL STL	222.45
U54101V	EXT WELDMENT, 8"x96" ALL STL	386.78
U54101W	EXT WELDMENT, 8"x54" ALL STL	242.62
U54101X	EXT WELDMENT, 8"x60" ALL STL	262.79
U54101XX	EXT WELDMENT, 8"x63" ALL STL	274.47
U54101Y	EXT WELDMENT, 8"x86" ALL STL	351.12
U54101Z	EXT WELDMENT, 8"x89" ALL STL	384.27
U54219	PEND CONTROL, 5 BTN W/15'	338.06
U54219A	PEND CONTROL, 5 BTN W/30'	365.51
U54219B	PEND. CONTROL 5 BTTN 20' CABLE	354.64
U54219D	PEND CONTROL, 5 BTTN W/25'	360.36
U54219E	PEND. CONTROL 5 BTTN 50' CABLE	411.73
U54428	HOSE, DEBRIS 8" x 66" W/ENDS	718.20
U54428A	HOSE, DEBRIS 8" x 62" W/ENDS	840.16
U54428B	HOSE, DEBRIS 8" x 60" W/ENDS	688.63
U55742	26" WATER FILL GAUGE ASSEMBLY	28.44
U58-12-60-2000	NOZZLE KIT, 3/4" 60/2000 CARBIDE SANI./SAND/PENE.	420.00

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U58-16-60-2000	NOZZLE KIT, 1" 60/2000 CARBIDE PENE./SANI./SAND/GEN PURPOSE	665.00
U58-16-80-2000	NOZZLE KIT, 1" 80/2000 CARBIDE PENE./SANI./SAND/GEN. PURPOSE	665.00
U58-16-80-2500	NOZZLE KIT, 1" 80/2500 CARBIDE PENE/SANI./SAND/GEN PURPOSE	665.00
U58099	FLOAT CONTROL ASSY - COMPLETE	255.98
U58101	45" WATER TANK FILL GAUGE ASSY	33.73
U58756BAA	NOZZLE, SANITARY 30* 1" 35/1850	145.39
U58756BAB	NOZZLE, SANITARY 30* 1" 35/2000	145.39
U58756BBA	NOZZLE, SANITARY 30* 1" 40/1850	145.39
U58756BBB	NOZZLE, SANITARY 30* 1" 40/2000	145.39
U58756BCC	NOZZLE, SANITARY 30* 1" 45/2500	145.39
U58756BDB	NOZZLE, SANITARY 30* 1" 50/2000	145.39
U58756BDC	NOZZLE, SANITARY 30* 1" 50/2500	145.39
U58756BEB	NOZZLE, SANITARY 30* 1" 55/2000	145.39
U58756BEC	NOZZLE, SANITARY 30* 1" 55/2500	145.39
U58756BFB	NOZZLE, SANITARY 30* 1" 60/2000	145.39
U58756BFC	NOZZLE, SANITARY 30* 1" 60/2500	145.39
U58756BGA	NOZZLE, SANITARY 30*1" 65/1850	145.39
U58756BGB	NOZZLE, SANITARY 30* 1" 65/2000	145.39
U58756BGC	NOZZLE, SANITARY 30* 1" 65/2500	145.39
U58756BHB	NOZZLE, SANITARY 30* 1" 70/2000	145.39
U58756BJB	NOZZLE, SANITARY 30* 1" 80/2000	145.39
U58756BJC	NOZZLE, SANITARY 30* 1" 80/2500	145.39
U58756CAA	NOZZLE, SANITARY 30* 3/4" 35/1850	145.39
U58756CAB	NOZZLE, SANITARY 30* 3/4" 35/2000	145.39
U58756CBB	NOZZLE, SANITARY 30* 3/4" 40/2000	145.39
U58756CCC	NOZZLE, SANITARY 30* 3/4" 45/2500	145.39
U58756CDC	NOZZLE, SANITARY 30* 3/4" 50/2500	145.39
U58756CFB	NOZZLE, SANITARY 30* 3/4" 60/2000	145.39
U58756CJB	NOZZLE, SANITARY 30* 3/4" 80/2000	145.39
U58756CJC	NOZZLE, SANITARY 30* 3/4" 80/2500	145.39
U58795	WELDMENT, 8" FLANGE ASSY - 1/8" WL	57.92
U58795EH	EXTRA HEAVY 8" HOSE END WELDMENT - 3/8" WL	159.12
U58795H	WELDMENT, 8" FLANGE ASSY - HD - 1/4" WL	143.46
U58926BAB	NOZZLE, SAND 30* 1" 35/2000	141.74
U58926BAC	NOZZLE, SAND 30* 1" 35/2500	141.74
U58926BBB	NOZZLE, SAND 30* 1" 40/2000	141.74
U58926BBC	NOZZLE, SAND 30* 1" 40/2500	141.74
U58926BDB	NOZZLE, SAND 30* 1" 50/2000	141.74
U58926BDC	NOZZLE, SAND 30* 1" 50/2500	141.74
U58926BEB	NOZZLE, SAND 30* 1" 55/2000	141.74
U58926BEC	NOZZLE, SAND 30* 1" 55/2500	141.74
U58926BFB	NOZZLE, SAND 30* 1" 60/2000	141.74
U58926BFC	NOZZLE, SAND 30* 1" 60/2500	141.74
U58926BGB	NOZZLE, SAND 30* 1" 65/2000	141.74
U58926BGC	NOZZLE, SAND 30* 1" 65/2500	141.74
U58926BHB	NOZZLE, SAND 30* 1" 70/2000	141.74
U58926BJB	NOZZLE, SAND 30* 1" 80/2000	148.85

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U58926BJC	NOZZLE, SAND 30* 1" 80/2500	148.85
U58926CAA	NOZZLE, SAND 30* 3/4" 35/1850	141.74
U58926CAB	NOZZLE, SAND 30* 3/4" 35/2000	141.74
U58926CAC	NOZZLE, SAND 30* 3/4" 35/2500	141.74
U58926CBB	NOZZLE, SAND 30* 3/4" 40/2000	141.74
U58926CFB	NOZZLE, SAND 30* 3/4" 60/2000	141.74
U58926CJB	NOZZLE, SAND 30* 3/4" 80/2000	141.74
U58926CJC	NOZZLE, SAND 30* 3/4" 80/2500	141.74
U58927BAB	NOZZLE, PENETRATOR 30* 1" 35/2000	139.81
U58927BAC	NOZZLE, PENETRATOR 30* 1" 35/2500	139.81
U58927BBA	NOZZLE, PENETRATOR 30* 1" 40/1850	139.81
U58927BBB	NOZZLE, PENETRATOR 30* 1" 40/2000	139.81
U58927BBC	NOZZLE, PENETRATOR 30* 1" 40/2500	139.81
U58927BDB	NOZZLE, PENETRATOR 30* 1" 50/2000	139.81
U58927BDC	NOZZLE, PENETRATOR 30* 1" 50/2500	139.81
U58927BEB	NOZZLE, PENETRATOR 30* 1" 55/2000	139.81
U58927BEC	NOZZLE, PENETRATOR 30* 1" 55/2500	139.81
U58927BFB	NOZZLE, PENETRATOR 30* 1" 60/2000	139.81
U58927BFC	NOZZLE, PENETRATOR 30* 1" 60/2500	139.81
U58927BGB	NOZZLE, PENETRATOR 30* 1" 65/2000	139.81
U58927BGC	NOZZLE, PENETRATOR 30* 1" 65/2500	139.81
U58927BJB	NOZZLE, PENETRATOR 30* 1" 80/2000	139.81
U58927BJC	NOZZLE, PENETRATOR 30* 1" 80/2500	139.18
U58927CAB	NOZZLE, PENETRATOR 30* 3/4" 35/2000	139.81
U58927CBB	NOZZLE, PENETRATOR 30* 3/4" 40/2000	139.81
U58927CBC	NOZZLE, PENETRATOR 30* 3/4" 40/2500	139.81
U58927CFB	NOZZLE, PENETRATOR 30* 3/4" 60/2000	139.81
U58927CJB	NOZZLE, PENETRATOR 30* 3/4" 80/2000	139.81
U58927CJC	NOZZLE, PENETRATOR 30* 3/4" 80/2500	139.81
U58929AJC	NOZZLE, GENERAL PURPOSE 30* 1.25" 80/2500	283.78
U58929ALB	NOZZLE, GENERAL PURPOSE 30" 1.25" 100/2000	283.78
U58929BDB	NOZZLE, GENERAL PURPOSE 30* 1" 50/2000	283.78
U58929BEB	NOZZLE, GENERAL PURPOSE 30* 1" 55/2000	283.78
U58929BFB	NOZZLE, GENERAL PURPOSE 30* 1" 60/2000	283.78
U58929BGB	NOZZLE, GENERAL PURPOSE 30* 1" 65/2000	283.78
U58929BHB	NOZZLE, GENERAL PURPOSE 30* 1" 70/2000	283.78
U58929BIB	NOZZLE, GENERAL PURPOSE 30* 1" 75/2000	283.78
U58929BJB	NOZZLE, GENERAL PURPOSE 30* 1" 80/2000	283.78
U58929BJC	NOZZLE, GENERAL PURPOSE 30* 1" 80/2500	283.78
U58929CBC	NOZZLE, GENERAL PURPOSE 30* 3/4" 40/2500	283.78
U60306AAB	NOZZLE, SANI 15* 1 1/4" 35/2000	157.74
U60306BAB	NOZZLE, SANI 15* 1" 35/2000	157.74
U60306BBB	NOZZLE, SANI 15* 1" 40/2000	157.74
U60306BDB	NOZZLE, SANITARY 15*1" 50/2000	157.74
U60306BEB	NOZZLE, SANITARY 15*1"55/2000	157.74
U60306BFB	NOZZLE, SANITARY 15* 1" 60/2000	157.74
U60306BFC	NOZZLE, SANITARY 15* 1" 60/2500	157.74

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U60306BGA	NOZZLE, SANITARY 15*1"65/1850	157.74
U60306BGB	NOZZLE, SANITARY 15*1"65/2000	157.74
U60306BGC	NOZZLE, SANITARY 15*1"65/2500	157.74
U60306BIB	NOZZLE, SANITARY 15* 1"75/2000	157.74
U60306BJA	NOZZLE, SANITARY 15* 1"80/1850	157.74
U60306BJB	NOZZLE, SANITARY 15* 1"80/2000	157.74
U60306BJC	NOZZLE, SANITARY 15* 1"80/2500	157.74
U60306CAA	NOZZLE, SANI 15* 3/4" 35/1850	157.74
U60306CAC	NOZZLE, SANI 15* 3/4" 35/2500	157.74
U60306CBB	NOZZLE, SANI 15* 3/4" 40/2000	157.74
U60306CCC	NOZZLE, SANI 15* 3/4" 45/2500	157.74
U60306CDC	NOZZLE, SANI 15* 3/4" 50/2500	157.74
U60306CGC	NOZZLE, SANI 15* 3/4" 65/2500	157.74
U60307BAB	NOZZLE, SAND 15* 1" 35/2000	158.56
U60307BDB	NOZZLE, SAND 15* 1" 50/2000	158.56
U60307BDC	NOZZLE, SAND 15* 1" 50/2500	158.56
U60307BEB	NOZZLE, SAND 15* 1" 55/2000	158.56
U60307BFA	NOZZLE, SAND 15* 1" 60/1850	158.56
U60307BFB	NOZZLE, SAND 15* 1" 60/2000	158.56
U60307BFC	NOZZLE, SAND 15* 1" 60/2500	158.56
U60307BGB	NOZZLE, SAND 15* 1" 65/2000	158.56
U60307BHC	NOZZLE, SAND 15* 1" 70/2500	158.56
U60307BIC	NOZZLE, SAND 15* 1" 75/2500	158.56
U60307BJB	NOZZLE, SAND 15* 1" 80/2000	158.56
U60307BJC	NOZZLE, SAND 15* 1" 80/2500	158.56
U60307CAC	NOZZLE, SAND 15* 3/4" 35/2500	158.56
U60307CBB	NOZZLE, SAND 15* 3/4" 40/2000	158.56
U60307CCC	NOZZLE, SAND 15* 3/4" 45/2500	158.56
U60307CDC	NOZZLE, SAND 15* 3/4" 50/2500	158.56
U60307CGC	NOZZLE, SAND 15* 3/4" 65/2500	158.56
U60308AAB	NOZZLE, PENE 15* 1 1/4" 35/200	158.42
U60308BAB	NOZZLE, PENETRATOR15* 1" 35/2000	158.42
U60308BBC	NOZZLE, PENETRATOR 15* 1" 40/2500	158.42
U60308BDB	NOZZLE, PENCE. 15* 1" 50/2000	158.42
U60308BDC	NOZZLE, PENETRATOR 15* 1" 50/2500	158.42
U60308BEB	NOZZLE, PENETRATOR 15* 1" 55/2000	158.42
U60308BEC	NOZZLE, PENETRATOR 15* 1" 55/2500	158.42
U60308BFB	NOZZLE, PENETRATOR 15* 1" 60/2000	158.42
U60308BFC	NOZZLE, PENETRATOR 15* 1" 60/2500	158.42
U60308BGB	NOZZLE, PENETRATOR 15* 1" 65/2000	158.42
U60308BIB	NOZZLE, PENETRATOR 15* 1" 75/2000	158.42
U60308BJB	NOZZLE, PENETRATOR 15* 1" 80/2000	158.42
U60308BJC	NOZZLE, PENETRATOR 15* 1" 80/2500	158.42
U60308CAA	NOZZLE, PENETRATOR15* 3/4" 35/1850	158.42
U60308CBB	NOZZLE, PENE 15* 3/4" 40/2000	158.42
U60308CGC	NOZZLE, PENETRATOR 15* 3/4" 65/2500	158.42
U61297	BLOCK, STOP TOOTH CENTER HOLE	45.00

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U61297D	BLOCK, STOP TOOTH- OFFSET HOLE	30.00
U62029	BUSHING, OUTER-INNER TUBE WELD	76.69
U62031**	WELDMENT, INNER TUBE 2100 W/ BUSHING - 105 LBS	731.81
U62033	WELDMENT, OUTER TUBE - 2100 - 127 LBS	1,557.66
U62034	TELESCOPIC TUBE INSTALLATION - 2100	2,925.81
U62034-KIT	KIT, HARDWARE TELESCOPIC TUBE	649.14
U62035	WELDMENT, INNER TUBE - 2100 PLUS W/ BUSHING	832.74
U62036	WELDMENT, OUTER TUBE - 2100 PLUS	1,647.47
U62037	TELESCOPIC TUBE INSTALLATION - 2100 PLUS	3,084.57
U62180	HIGH PRESSURE RODDER PUMP - STRAIGHT UP OR 90 DEGREE - 834 lbs.	16,500.00
U62222**	INLET WELDMENT - 40+ lbs.	424.24
U63404	HANDLE, TUBE STYLE 6"	124.53
U63404-SH	HANDLE SWIVEL, TUBE STYLE 6"	124.53
U66508	REDUCER, 8" FLANGE - 4" TUBE	68.59
U66508B	REDUCER, 8" FLANGE TO 4" W/ 6" LG. TOE NIPPLE - STEEL	184.48
U69861B	REDUCER, 8" - 4" PLAIN FLANGE - STEEL	73.22
U69862B	TUBE, INTAKE 4" x 60" ALUM W/STL FLANGES	155.48
U69862C	TUBE, INTAKE 4" x 108" ALUM W/STL FLANGES	200.98
U69862D	TUBE, INTAKE 4" x 72" ALUM W/STL FLANGES	170.19
U69862F	TUBE, INTAKE 4" x 96" ALUM W/STL FLANGES	189.60
U69862G	TUBE, INTAKE 4" x 120" ALUM W/STL FLANGES	214.31
U69862H	TUBE, INTAKE 4" x 24" ALUM W/STL FLANGES	121.35
U69862J	TUBE, INTAKE 4" x 48" ALUM W/STL FLANGES	144.10
U69863B	TUBE, CB 4" x 60" ALUM W/STL FLANGE	170.29
U69863B.001	TUBE, CB 4" x 60" CROWN x OPEN	140.68
U69863B.002	TUBE, CB 4" x 48" CROWN x OPEN	132.94
U69863B.003	TUBE, CB 4" x 72" CROWN x OPEN	148.41
U69863B.004	TUBE, CB 4" ALUM X 84" X OPEN	156.15
U69863B.005	TUBE, CB 4" ALUM X 96" X OPEN	163.88
U69863B.006	TUBE, CB 4" ALUM X 24" X OPEN..	117.47
U69863B.007	TUBE, CB 4" ALUM X 36" X OPEN	125.21
U69863B.008	TUBE, CB 4" ALUM X 120" X OPEN	179.35
U69863C	TUBE, CB 4" x 72" ALUM CB W/STL FLANGE	177.68
U69863E	TUBE, CB 4" x 84" ALUM CB W/STL FLANGE	185.42
U69863F	TUBE, CB 4" x 96" ALUM CB W/STL FLANGE	193.15
U69863H	TUBE, CB 4" x 24" ALUM CB W/STL FLANGE	146.74
U69863J	TUBE, CB 4" x 48" ALUM CB W/STL FLANGE	162.21
U69863K	TUBE, CB 4" x 36" ALUM CB W/STL FLANGE	154.48
U69863L	TUBE, CB 4" x 120" ALUM CB W/STL FLANGE	208.62
U70404	HOSE, DEBRIS 10" x 34" LEAF SUCTION..12# EACH	740.75
U7040M	HOSE, DEBRIS 8" x 37" CUFFED..9# EACH	634.50
U7320981	HOSE, RUBBER 8" x 34" CUFFED..8# EACH	600.00
UA23788	CROWN, 8" ALUMINUM	62.50
UA25268	TUBE, CB 8" x 78" ALL ALUM	214.30
UA25268A	TUBE, CB 8" x 32" ALL ALUM	155.41
UA25268B	TUBE, CB 8" x 84" ALL ALUM	222.80
UA25268C	TUBE, CB 8" x 60" ALL ALUM	188.77

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UA25268D	TUBE, CB 8" x 72" ALL ALUM	205.79
UA25268D-SC	TUBE, CB 8" x 72" ALUM W/STEEL CROWN	196.86
UA25268E	TUBE, CB 8" x 90" ALL ALUM	231.32
UA25268F	TUBE, CB 8" x 42" ALL ALUM	173.10
UA25268G	TUBE, CB 8" x 36" ALL ALUM	169.68
UA25268H	TUBE, CB 8" x 48" ALL ALUM	179.77
UA25268I	TUBE, CB 8" x 66" ALL ALUM	197.29
UA25268J	TUBE, CB 8" x 96" ALL ALUM	239.82
UA25268K	TUBE, CB 8" x 108" ALL ALUM	256.84
UA25268L	TUBE, CB 8" x 120" ALL ALUM	273.85
UA25268M	TUBE, CB 8" x 80" ALL ALUM	216.00
UA25268P	TUBE, CB 8" x 82" ALL ALUM	219.40
UA25268Q	TUBE, CB 8" x 24" ALL ALUM	148.13
UA25268R	TUBE, CB 8" x 20" ALL ALUM	138.63
UA25637	TUBE, INTAKE 8" x 60" ALL ALUM	166.69
UA25637-1F	TUBE, INTAKE 8" x 60" ALL ALUM-1 FLANGE	159.70
UA25637A	TUBE, INTAKE 8" x 96" ALL ALUM	216.80
UA25637A-1F	TUBE, INTAKE 8" x 96" ALL ALUM-1 FLANGE	201.64
UA25637AHE	TUBE, 8" x 96" ALUM HYDRO-EXCAVA	361.72
UA25637B	TUBE, INTAKE 8" x 30" ALL ALUM	119.74
UA25637B-32	TUBE, INTAKE 8" x 32" ALL ALUM	122.30
UA25637C	TUBE, INTAKE 8" x 36" ALL ALUM	127.22
UA25637C-1F	TUBE, INTAKE 8" x 36" ALL ALUM-1 FLANGE	116.30
UA25637CHE	TUBE, 8" x 36" ALUM HYDRO-EXCAVA	241.75
UA25637D	TUBE, INTAKE 8" x 72" ALL ALUM	182.99
UA25637D-1F	TUBE, INTAKE 8" x 72" ALL ALUM-1 FLANGE	173.50
UA25637DHE	TUBE, 8" x 72" ALUM HYDRO-EXCAVA	305.38
UA25637E	TUBE, INTAKE 8" x 84" ALL ALUM	198.89
UA25637E-1F	TUBE, INTAKE 8" x 84" ALL ALUM-1 FLANGE	187.32
UA25637EHE	TUBE, 8" x 84" ALUM HYDRO-EXCAVA	337.60
UA25637F	TUBE, INTAKE 8" x 90" ALL ALUM	207.85
UA25637G	TUBE, INTAKE 8" x 120" ALL ALUM	269.39
UA25637G-1F	TUBE, INTAKE 8" x 120" ALL ALUM-1 FLANGE	264.19
UA25637G-H	TUBE, 8" X 120" INTAKE ALL ALUM. W/ HANDLES	329.39
UA25637GHE	TUBE, 8" x 120" ALUM HYDRO-EXCAVA	413.47
UA25637J	TUBE, INTAKE 8" x 70" ALL ALUM	178.97
UA25637M	TUBE, INTAKE 8" x 48" ALL ALUM	150.52
UA25637M-1F	TUBE, INTAKE 8" x 48" ALL ALUM-1 FLANGE	145.06
UA25637MBL	TUBE, INTAKE 8" x 72" ALL ALUM MALE BLOK x FLANGE	188.44
UA25637N	TUBE, INTAKE 8" x 12" ALL ALUM	101.54
UA25637P	TUBE, INTAKE 8" x 82" ALL ALUM	196.99
UA25637Q	TUBE, INTAKE 8" x 24" ALL ALUM	109.91
UA25637R	TUBE, INTAKE 8" x 78" ALL ALUM	191.00
UA25637R-1F	TUBE, INTAKE 8" x 78" ALL ALUM-1 FLANGE	185.80
UA25637RHE	TUBE, 8" x 78" ALUM HYDRO-EXCAVA	322.11
UA25637T	TUBE, INTAKE 8" x 18" ALL ALUM	102.19
UA25637WHE	TUBE, 8" x 66" ALUM HYDRO-EXCAVA	302.24

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UA25637XXX	TUBE, 8" x 72" ALUM TRIPLE-X	499.70
UA25637XXX-F	TUBE, 8" X 72" ALUM TRIPLE-X - FEMALE BLOK	542.11
UA25637XXX-M	TUBE, 8" X 72" ALUM TRIPLE-X - MALE BLOK	506.34
UA34763A	TUBE, INTAKE 6" x 60" ALL ALUM	133.76
UA34763A-1F	TUBE, INTAKE 6" x 60" ALL ALUM-1 FLANGE	120.83
UA34763AA	TUBE, INTAKE 6" x 72" ALL ALUM	147.95
UA34763AA-1F	TUBE, INTAKE 6" x 72" ALL ALUM-1 FLANGE	136.98
UA34763AA-1F-8	TUBE, INTAKE 8" - 6" x 72" ALL ALUM-1 FLANGE	145.53
UA34763AA-8	TUBE, INTAKE 8" - 6" x 72" ALL ALUM	173.41
UA34763AAHE	TUBE, 6" x 72" ALUM HYDRO-EXCAVA	231.59
UA34763AAHE-8	TUBE, 8" - 6" x 72" ALUM HYDRO-EXCAVA	317.55
UA34763AAMBL	TUBE, INTAKE 6" x 72" ALL ALUM MALE B-LOCK / FLANGE	152.51
UA34763AHE	TUBE, 6" x 60" ALUM HYDRO-EXCAVA	201.23
UA34763B	TUBE, INTAKE 6" x 40" ALL ALUM	111.35
UA34763C	TUBE, INTAKE 6" x 48" ALL ALUM	120.98
UA34763CHE	TUBE, 6" x 48" ALUM HYDRO-EXCAVA	186.24
UA34763D	TUBE, INTAKE 6" x 36" ALL ALUM	106.63
UA34763D-1F	TUBE, INTAKE 6" x 36" ALL ALUM-1 FLANGE	92.33
UA34763DHE	TUBE, 6" x 36" ALUM HYDRO-EXCAVA	173.10
UA34763E	TUBE, INTAKE 6" x 90" ALL ALUM	171.19
UA34763E-1F	TUBE, INTAKE 6" x 90" ALL ALUM-1 FLANGE	149.51
UA34763EHE	TUBE, 6" x 90" ALUM HYDRO-EXCAVA	257.99
UA34763F	TUBE, INTAKE 6" x 120" ALL ALUM	214.14
UA34763F-1F	TUBE, INTAKE 6" x 120" ALL ALUM-1 FLANGE	209.86
UA34763F-1F-8	TUBE, INTAKE 8" - 6" x 120" ALL ALUM-1 FLANGE	240.54
UA34763FHE	TUBE, 6" x 120" ALUM HYDRO-EXCAVA	275.95
UA34763FMBL	TUBE, INTAKE 6" x 120" ALL ALUM MALE B-LOCK / FLANGE	216.79
UA34763G	TUBE, INTAKE 6" x 96" ALL ALUM	186.57
UA34763G-1F	TUBE, INTAKE 6" x 96" ALL ALUM-1 FLANGE	163.89
UA34763GHE-8	TUBE, 8" - 6" x 96" ALUM HYDRO-EXCAVA	333.22
UA34763H	TUBE, INTAKE 6" x 28" ALL ALUM	97.06
UA34763J-1F	TUBE, INTAKE 6" x 80" ALL ALUM-1 FLANGE	146.87
UA34763K	TUBE, INTAKE 6" x 84" ALL ALUM	164.01
UA34763K-1F	TUBE, INTAKE 6" x 84" ALL ALUM-1 FLANGE	148.44
UA34763K-1F-8	TUBE, INTAKE 8" - 6" x 84" ALL ALUM-1 FLANGE	171.66
UA34763K-8	TUBE, INTAKE 8" - 6" x 84" ALL ALUM	189.45
UA34763KHE	TUBE, 6" x 84" ALUM HYDRO-EXCAVA	246.09
UA34763KHE-8	TUBE, 8" - 6" x 84" ALUM HYDRO-EXCAVA	325.22
UA34763L	TUBE, INTAKE 6" x 24" ALL ALUM	92.28
UA34763N	TUBE, INTAKE 6" x 12" ALL ALUM	77.95
UA34763N-1F-8	TUBE, INTAKE 8" - 6" x 12" ALL ALUM-1 FLANGE	76.22
UA34763P-8	TUBE, INTAKE 8" - 6" x 18" ALL ALUM	99.55
UA34763RHE	TUBE, 6" x 78" ALUM HYDRO-EXCAVA	232.29
UA34763RHE-8	TUBE, 8 - 6" x 78" ALUM HYDRO-EXCAVA	249.41
UA34763XXX	TUBE, 6" x 72" ALUM TRIPLE-X	428.88
UA34763XXX-8	TUBE, 8" - 6" x 72" ALUM TRIPLE-X	508.65
UA34763XXX-F	TUBE, 6" X 72" ALUM TRIPLE-X - FEMALE BLOK	436.51

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UA34763XXX-M	TUBE, 6" x 72" ALUM TRIPLE-X - MALE B-LOCK	430.33
UA34766	TUBE, CB 6" x 24" ALL ALUM	114.87
UA34766A	TUBE, CB 6" x 72" ALL ALUM	171.60
UA34766A-NF	TUBE, CB 6" x 72" ALL ALUM - NO FLANGE	150.15
UA34766AA-8	TUBE, CB 8" - 6" x 72" ALL ALUM	187.58
UA34766B	TUBE, CB 6" x 78" ALL ALUM	178.69
UA34766B-8	TUBE, CB 8" - 6" x 78" ALL ALUM	221.72
UA34766C	TUBE, CB 6" x 48" ALL ALUM	143.57
UA34766C-8	TUBE, CB 8" - 6" x 48" ALL ALUM	160.63
UA34766E	TUBE, CB 6" x 84" ALL ALUM	185.78
UA34766E-8	TUBE, CB 8" - 6" x 84" ALL ALUM	209.41
UA34766F	TUBE, CB 6" x 96" ALL ALUM	199.95
UA34766F-8	TUBE, CB 8" - 6" x 96" ALL ALUM	267.06
UA34766G	TUBE, CB 6" x 90" ALL ALUM	192.88
UA34766G-8	TUBE, CB 8" - 6" x 90" ALL ALUM	215.40
UA34766H	TUBE, CB 6" x 36" ALL ALUM	135.52
UA34766J	TUBE, CB, 6" x 60" ALL ALUM	157.41
UA34766J-8	TUBE, CB 8" - 6" x 60" ALL ALUM	182.42
UA34766K	TUBE, CB 6" x 120" ALL ALUM	228.33
UA34766K-8	TUBE, CB 8" - 6" x 120" ALL ALUM	303.48
UA34766NA-8	TUBE, CB 8" - 6" x 108" ALL ALUM	273.13
UA34767	CROWN, 6" ALUMINUM	48.00
UA3CRWN	CROWN, 3" ALUMINUM	59.50
UA4CRWN	CROWN, 4" ALUMINUM	76.50
UAF25637ADX40	TUBE, 8" - ALUM. AQUA DOLPHIN FLUIDIZING X 40"	1,070.00
UAF25637ADX78	TUBE, 8" - ALUM. AAUA DOLPHIN FLUIDIZING X 78"	1,260.00
UAF25637C	TUBE, FLUIDIZING 8" x 36" INTAKE ALUM W/FLANGES	201.57
UAF25637Q	TUBE, FLUIDIZING 8" x 24" INTAKE ALUM W/FLANGES	148.34
UAF34766ADX40	TUBE, 6" - ALUM. AQUA DOLPHIN FLUIDIZING X 40"	1,000.00
UAF34766ADX78	TUBE, 6" - ALUM. AQUA DOLPHIN FLUIDIZING X 78"	1,100.00
UAF34766H	TUBE, FLUIDIZING 6" x 36" INTAKE ALUM W/FLANGES	169.33
UE48208-20/2000	NOZZLE, BULLDOZER 1/2" 20/2000	339.35
UE48208-20/4000	NOZZLE, BULLDOZER 1/2" 20/4000	339.35
UE48208-25/3000	NOZZLE, BULLDOZER 1/2" 25/3000	339.35
UE48212-40/2000	NOZZLE, BULLDOZER 3/4" 40/2000	348.32
UE48212-40/3000	NOZZLE, BULLDOZER 3/4" 40/3000	348.32
UE48212-50/3000	NOZZLE, BULLDOZER 3/4" 50/3000	348.32
UE48216-60	NOZZLE, BULLDOZER 1" 60/2000	448.63
UE48216-80	NOZZLE, BULLDOZER 1" 80/2000	448.63
UE48220-120	NOZZLE, BULLDOZER 1.25" 120/2000	459.32
UE48220-60	NOZZLE, BULLDOZER 1.25" 60/2000	459.32
UE48220-80	NOZZLE, BULLDOZER 1.25" 80/2000	459.32
UE48226-60	NOZZLE, BLUE STREAK 1"60/2000	560.88
UE48226-80	NOZZLE, BLUE STREAK 1"80/2000	560.88
UE69504	SKID, 1" PROOVER FOR 4" LINE	104.68
UE69504-.50	SKID, 1/2" PROOVER FOR 4" LINE	83.20
UE69504-.75	SKID, 3/4" PROOVER FOR 4" LINE	97.50

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UE69506	SKID, 1" PROOVER FOR 6" LINE	114.98
UE69506-.75	SKID, 3/4" PROOVER FOR 6" LINE	102.20
UE69508	SKID, 1" PROOVER FOR 8" LINE	118.41
UE69508-.75	SKID, 3/4" PROOVER FOR 8" LINE	104.71
UE69510	SKID, 1" PROOVER FOR 10" LINE	122.00
UE69510-.75	SKID, 3/4" PROOVER FOR 10"LINE	105.48
UE69512	SKID, 1" PROOVER FOR 12" LINE	126.00
UE69512-.75	SKID, 3/4" PROOVER FOR 12"LINE	114.08
UE69515	SKID, 1" PROOVER FOR 15" LINE	130.00
UE69515-.75	SKID, 3/4" PROOVER FOR 15"LINE	121.89
UEM110-ASPC	SWAGE MACHINE WHEELED - ONLY	1,250.00
UEM110RWK	WHEEL KIT - SWAGE MACHINE	35.50
UEM111PR	SWAGE MACHINE, 3/4" PIRANHA WHEELED - (2) DS12TH, (1) DP12TH	1,500.00
UEM112PR	SWAGE MACHINE, 1" PIRANHA WHEELED - (2) DS16TH, (1) DP16TH - 80lbs.	1,500.00
UEM113PR	SWAGE MACHINE, 1 1/4" PIRANHA WHEELED - (2) DS20TH, (1) DP20TH	1,500.00
UEM114PR	SWAGE MACHINE, 1/2" PIRANHA WHEELED - (2) DS08TH, (1) DP08TH	1,500.00
UEM222850C	HLW - COMBO W/O COUNTER	365.09
UEM222850CC	HLW - COMBO WITH COUNTER	492.44
UEM222850J	HLW - JETTER W/O COUNTER	365.09
UEM222850JC	HLW - JETTER WITH COUNTER	492.44
UEZ-12-50-3000	NOZZLE KIT, 3/4" 50/3000 HUSTLER/GRENADE/CHISEL	605.18
UEZ-12-65-2000	NOZZLE KIT, 3/4" 65/2000 HUSTLER/CHISEL/GRENADE	605.18
UEZ-16-50-3000	NOZZLE KIT, 1" 50/3000 HUSTLER/GRENADE/CHISEL	1,166.54
UEZ-16-65-2000	NOZZLE KIT, 1" 65/2000 HUSTLER/GRENADE/CHISEL	1,166.54
UEZ30.075	NOZZLE, CLEANING 3/4" 65/2000	170.46
UEZ30.075.30	NOZZLE, CLEANING 3/4" 30/3000	170.46
UEZ30.075.40	NOZZLE, CLEANING 3/4" 40/3000	170.46
UEZ30.075.50	NOZZLE, CLEANING 3/4" 50/3000	170.46
UEZ30.100	NOZZLE, CLEANING 1" 60/2000	237.84
UEZ30.100.50	NOZZLE, CLEANING 1" 50/3000	237.84
UEZ30.100.65	NOZZLE, CLEANING 1" 65/3000	237.84
UEZ30.100.65.2	NOZZLE, CLEANING 1" 65/2000	237.84
UEZ30.100.80	NOZZLE, CLEANING 1" 80/2000	237.84
UEZ30.100.80.3	NOZZLE, CLEANING 1" 80/3000	237.84
UEZ40.075.30	NOZZLE, GRENADE 3/4" NFJ 30/3000	351.10
UEZ40.075.32	NOZZLE, GRENADE 3/4" FJ 35/2000	351.10
UEZ40.075.40	NOZZLE, GRENADE 3/4" NFJ 40/2000	351.10
UEZ40.075.40FJ	NOZZLE, GRENADE 3/4" FJ 40/2000	351.10
UEZ40.075.50	NOZZLE, GRENADE 3/4" NFJ 50/3000	351.10
UEZ40.075.65	NOZZLE, GRENADE 3/4" NFJ 65/2000	351.10
UEZ40.100.50	NOZZLE, GRENADE 1" NFJ 50/3000	565.03
UEZ40.100.60	NOZZLE, GRENADE 1" NFJ 60/2000	565.03
UEZ40.100.80	NOZZLE, GRENADE 1" NFJ 80/2000	565.03
UEZ40.100.80.3	NOZZLE, GRENADE 1" NFJ 80/3000	565.03
UEZ40.100A	NOZZLE, GRENADE 1" NFJ 65/2000	565.03
UEZ40.100FJ	NOZZLE, GRENADE 1" FJ 60/2000	616.39
UEZ40.100FJ.50	NOZZLE, GRENADE 1" FJ 50/3000	616.39

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UEZ40.100FJ.80	NOZZLE, GRENADE 1" FJ 80/2000	616.39
UEZ60.075	NOZZLE, CHISEL 3/4" 6R 60/2000	237.84
UEZ60.075.30	NOZZLE, CHISEL 3/4" 6R 30/3000	237.84
UEZ60.075.40	NOZZLE, CHISEL 3/4" 6R 40/2000	237.84
UEZ60.075.50	NOZZLE, CHISEL 3/4" 6R 50/3000	237.84
UEZ60.075.65	NOZZLE, CHISEL 3/4" 6R 65/2000	216.22
UEZ60.100.40	NOZZLE, CHISEL 1" SM 40/3000	263.01
UEZ60.100.50	NOZZLE, CHISEL 1" SM 50/3000	263.01
UEZ60.100.55	NOZZLE, CHISEL 1" SM 55/3000	263.01
UEZ60.100.60	NOZZLE, CHISEL 1" SM 60/2000	263.01
UEZ60.100.60.3	NOZZLE, CHISEL 1" SM 60/3000	263.01
UEZ60.100.65	NOZZLE, CHISEL 1" SM 65/3000	263.01
UEZ60.100.65.2	NOZZLE, CHISEL 1" SM 65/2000	263.01
UEZ60.100.80	NOZZLE, CHISEL 1" SM 80/2000	263.01
UEZ60.100.80.3	NOZZLE, CHISEL 1" SM 80/3000	263.01
UEZ60.100L	NOZZLE, CHISEL 1" LG 60/2000	602.78
UEZ60.100L-40	NOZZLE, CHISEL 1" LG 40/3000	602.78
UEZ60.100L-50	NOZZLE, CHISEL 1" LG 50/3000	602.78
UEZ60.100L-60	NOZZLE, CHISEL 1" LG 60/3000	602.78
UEZ60.100L-65	NOZZLE, CHISEL 1" LG 65/2000	602.78
UEZ60.100L-80	NOZZLE, CHISEL 1" LG 80/2000	602.78
UG-B2000	GAUGE, BOTTOM MOUNT 2000 PSI	26.00
UG-B3000	GAUGE, BOTTOM MOUNT 3000 PSI	26.00
UG-B4000	GAUGE, BOTTOM MOUNT 4000 PSI	26.00
UG-B5000	GAUGE, BOTTOM MOUNT 5000 PSI	26.00
UG-P10000	GAUGE, PANEL MOUNT 10000 PSI	28.00
UG-P2000	GAUGE, PANEL MOUNT 2000 PSI	28.00
UG-P3000	GAUGE, PANEL MOUNT 3000 PSI	28.00
UG-P4000	GAUGE, PANEL MOUNT 4000 PSI	28.00
UG-P5000	GAUGE, PANEL MOUNT 5000 PSI	28.00
US54101B	TUBE, CB 8" x 20" ALL STEEL	145.61
US54101F	TUBE, CB 8" x 36" ALL STEEL	199.43
US54101X	TUBE, CB 8" x 60" ALL STEEL	283.08
US54101Y	TUBE, CB 8" x 96" ALL STEEL	404.11
US54101Z	TUBE, CB 8" x 78" ALL STEEL	343.60
USLV-HARDWARE	HYDRO CUFF HARDWARE KIT	11.49
USLV4X8	CUFF, 4" HYDRO-EXC	97.24
USLV6X8	SLEEVE, 6" x 8" LONG - HYDRO EX	118.41
USLV8X8	SLEEVE, 8" x 8" LONG - HYDRO EX	136.71
V02390-0165A	HOSE, RUBBER 12" x 100" LEAF SMOOTH ID..71# EACH	1,911.60
V02390-0165B	HOSE, RUBBER 12" x 100" LEAF COLL HD	1,820.00
V02390-0165D	HOSE, RUBBER 12" x 30" LEAF COLL HD	451.60
V02390-0175A	HOSE, RUBBER 12" x 100" LEAF COLL LD..25# EACH	1,029.44
V680-0001	SWIVEL BALL JOINT ASSY 12"	1,700.00
V680-0015	CLAMP, QUICK 8" - VACCON	26.00
V680-0015-HOOK	BOLT, J-BOLT FOR V680-0015	2.50
VC690-0073	CLAMP, QUICK 6" - VACCON	23.25

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VC690-0847	SEAL, OUTLET	44.75
VC690-0848	SEAL, INLET	50.25
VC690-1179	GASKET, REAR DOOR 278" LONG	540.00
VE2557-12	CLAMP, 12" - VACALL	229.58
VE808-12	TUBE, INTAKE 12" x 12" ALL STEEL	179.22
VE808-24	TUBE, INTAKE 12" x 24" ALL STEEL	232.75
VE808-36	TUBE, INTAKE 12" x 36" ALL STEEL	300.08
VE808-48	TUBE, INTAKE 12" x 48" ALL STEEL	362.92
VE808-72	TUBE, INTAKE 12" x 72" ALL STEEL	499.18
VE808-96	TUBE, INTAKE 12" x 96" ALL STEEL	634.20
VE820-24	TUBE, CB 12" x 24" ALL STEEL	266.61
VE820-36	TUBE, CB 12" x 36" ALL STEEL	332.68
VE820-48	TUBE, CB 12" x 48" ALL STEEL	398.74
VE820-56	TUBE, CB 12" x 56" ALL STEEL	455.58
VE820-92	TUBE, CB 12" x 92" ALL STEEL	693.47
VE820-96	TUBE, CB 12" x 96" ALL STEEL	733.64
VE908-12	TUBE, INTAKE 12" x 12" ALUM W/STEEL FLANGES	158.59
VE908-24	TUBE, INTAKE 12" x 24" ALUM W/STEEL FLANGES	204.77
VE908-48	TUBE, INTAKE 12" x 48" ALUM W/STEEL FLANGES	297.13
VE908-72	TUBE, INTAKE 12" x 72" ALUM W/STEEL FLANGES	389.50
VE908-96	TUBE, INTAKE 12" x 96" ALUM W/STEEL FLANGES	481.86
VE920-120	TUBE, CB 12" x 120" ALUM W/STEEL ENDS	655.56
VE920-20	TUBE, CB 12" x 20" ALUM W/STEEL ENDS	257.20
VE920-48	TUBE, CB 12" x 48" ALUM W/STEEL ENDS	330.63
VE920-56	TUBE, CB 12" x 56" ALUM W/STEEL ENDS	379.39
VE920-72	TUBE, CB 12" x 72" ALUM W/STEEL ENDS	429.44
VE920-92	TUBE, CB 12" x 92" ALUM W/STEEL ENDS	521.69
VE920-96	TUBE, CB 12" x 96" ALUM W/STEEL ENDS	537.71
ZIP-A	ZIP TUBE W/8" FEMALE AQUATECH W/ HANDLE	2,079.17
ZIP-A-6"	ZIP TUBE W/6" FEMALE AQUATECH W/ HANDLE	1,972.16
ZIP-A-6"-M	ZIP TUBE W/6" MALE AQUATECH W/ HANDLE	1,972.16
ZIP-C-F-6"	ZIP TUBE W/6" FEMALE CAM-LOCK TYPE W/HANDLE	1,772.00
ZIP-C-M-6"	ZIP TUBE W/6" MALE CAM-LOCK TYPE W/HANDLE	1,762.00
ZIP-F	ZIP TUBE W/8" FLANGE CONNECTION W/ HANDLE	1,796.34
ZIP-F-6"	ZIP TUBE W/6" FLANGE CONNECTION W/ HANDLE	1,735.19
ZIP-F-6"/8"	ZIP TUBE W/6" TO 8" FLANGE W/ HANDLE	1,781.06
ZIP-SP	ZIP TUBE W/8" FEMALE B-LOK CONNECTION W/ HANDLE	2,045.72
ZIP-SP-6"	ZIP TUBE W/6" FEMALE B-LOK CONNECTION W/ HANDLE	1,978.13
ZIP-SP-6"-M	ZIP TUBE W/6" MALE B-LOK CONNECTION W/ HANDLE	1,978.13
ZIP-SP-M	ZIP TUBE W/8" MALE B-LOK CONNECTION W/ HANDLE	2,045.72

TRITON HYDRO TOOLS

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PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
NOZZLES & NOZZLE ACCESSORIES			Page 11 Performance Nozzles Penetrators		
Page 3 Small Nozzles Plumbers'			63-D	1/2" Tristar Chisel (5 Rear Jets)	\$ 286.00
05-3	1/8" Short (25°)	\$ 66.00	63-D/3	1/2" Tristar Chisel (3 Rear Jets)	\$ 286.00
05-7	1/8" Ball (30°)	\$ 66.00	63-E	3/4" Tristar Chisel (5 Rear Jets)	\$ 374.00
10-6	1/4" Penetrator (15°)	\$ 66.00	63-F	1" Tristar Chisel (6 Rear Jets)	\$ 528.00
10-7	1/4" Ball (30°)	\$ 66.00	Page 12 Discontinued Product		
RR-4	1/4" Rotator (1/4" hose)	\$ 175.00	Page 13 Performance Nozzles Penetrators		
Page 4 Small Nozzles Plumbers'			64-E	3/4" Super Grenade Penetrator	\$ 248.00
15-2	3/8" Button (40°)	\$ 66.00	64-F	1" Super Grenade Penetrator	\$ 286.00
15-3	3/8" Penetrator (15°)	\$ 66.00	64-G	1-1/4" Super Grenade Penetrator	\$ 512.00
15-13	3/8" Ice-Grease Penetrator (15°)	\$ 66.00	Page 14 Performance Nozzles Penetrators		
15-7	3/8" Ball (30°)	\$ 66.00	83-E	3/4" Ultimate Penetrator	\$ 369.00
RR-6	3/8" Rotator (3/8" hose)	\$ 175.00	83-F	1" Ultimate Penetrator	\$ 484.00
Page 5 Small Nozzles Drilled			83-G	1-1/4" Ultimate Penetrator	\$ 814.00
21-2	1/2" Button (30°)	\$ 88.00	83-H	1-1/2" Ultimate Penetrator	\$ 1,474.00
21-8	1/2" Ellipse Penetrator (15°)	\$ 99.00	Page 15 Performance Nozzles Penetrators		
21-13	1/2" Ice-Grease Penetrator (15°)	\$ 105.00	90-E,F,G	SHAMROCK-ET®	\$ 616.00
Page 6 Small Nozzles Inserted			Page 16 Performance Nozzles Flushers		
RRS-8	1/2" Short Rotator (Rear Jets)	\$ 539.00	39-30E	3/4" Grease 30°	\$ 264.00
FRS-8	1/2" Short Rotator (Forward Jets)	\$ 539.00	39-18F	1" Grease 18°	\$ 264.00
RRCS-8	1/2" Short Rotator (Rear Combi)	\$ 539.00	39-30F	1" Grease 30°	\$ 264.00
FRCS-8	1/2" Short Rotator (Forward Combi)	\$ 539.00	107HF-E	3/4" High Flow Cobia (6 Rear Jets)	\$ 605.00
64-D/3	1/2" Super Grenade (3 Rear Jets)	\$ 248.00	107HF-F	1" High Flow Cobia (10 Rear Jets)	\$ 770.00
64-D/5	1/2" Super Grenade (5 Rear Jets)	\$ 248.00	Page 17 Performance Nozzles Flushers		
29-2	1/2" Grease (30°)	\$ 248.00	35-E	3/4" Sand & Sludge (17°/24°)	\$ 319.00
Page 7 Small Nozzles Inserted			35-F	1" Sand & Sludge (17°/24°)	\$ 319.00
83-D/3	1/2" Ultimate Penetrator (3 Rear Jets)	\$ 264.00	140-F	Contractor Special (10°/17°/24°)	\$ 319.00
83-D/5	1/2" Ultimate Penetrator (5 Rear Jets)	\$ 264.00	Page 18 Performance Nozzles Flushers		
107HF-D	1/2" High Flow Cobia (6 Rear Jets)	\$ 605.00	107-E	3/4" Cobia®	\$ 605.00
Page 8 Nozzles Drilled Steel			107-F	1" Cobia®	\$ 770.00
32-18E	3/4" Radial Vortex (18°)	\$ 99.00	107-G	1-1/4" Cobia®	\$ 770.00
32-F	1" Radial Vortex (18°/24°)	\$ 149.00	Page 19 Performance Nozzles Flushers		
30-E	3/4" Radial Short (30°)	\$ 99.00	101-E,F	Tadpole®	\$ 825.00
30-F	1" Radial Short (30°)	\$ 143.00	101M-E,F	Mini-Tadpole	\$ 638.00
30-G	1-1/4" Radial Short (30°)	\$ 154.00	Page 20 Discontinued Product		
30-SS-F	1" Radial Short (30°)	\$ 154.00	Page 21 Performance Nozzle Rotating Cleaners		
31-E	3/4" Radial Short (45°)	\$ 105.00	RRS-8	1/2" Short Rotator (Rear Spray)	\$ 539.00
31-F	1" Radial Short (45°)	\$ 149.00	RR-12	3/4" Rotator (Rear Spray)	\$ 715.00
Page 9 Nozzles Drilled Steel			RR-161	1" Rotator w/FS (Rear Spray)	\$ 1,100.00
33-E	3/4" Universal Penetrator	\$ 110.00	FRS-8	1/2" Short Rotator (Forward Spray)	\$ 539.00
33-F	1" Universal Penetrator	\$ 149.00	FR-12	3/4" Rotator (Forward Spray)	\$ 715.00
33-12E	3/4" Universal Penetrator	\$ 116.00	FR-161	1" Rotator w/FS (Forward Spray)	\$ 1,100.00
33-12F	1" Universal Penetrator	\$ 154.00	Page 22 Performance Nozzle Rotating Cleaners		
33-13E	3/4" Universal Penetrator/Ice Grease	\$ 116.00	FRCS-8	1/2" Short Rotator (Forward Combi)	\$ 539.00
33-13F	1" Universal Penetrator/Ice Grease	\$ 154.00	FRC-12	3/4" Rotator (Forward Combi)	\$ 715.00
33-14E	3/4" Universal Penetrator w/pulling eye	\$ 154.00	FRC-161	1" Rotator w/FS (Forward Spray)	\$ 1,100.00
33-14F	1" Universal Penetrator w/pulling eye	\$ 176.00	RRCS-8	1/2" Short Rotator (Rear Combi)	\$ 539.00
33-15E	3/4" Universal Penetrator w/lance	\$ 154.00	RRC-12	3/4" Short Rotator (Rear Combi)	\$ 715.00
33-15F	1" Universal Penetrator w/lance tip	\$ 176.00	RRC-161	1" Rotator w/FS (Rear Combi)	\$ 1,100.00
Page 10 Nozzles Drilled Steel 1-1/4" NPT			Page 23 Performance Nozzles - Large Pipe		
80-G	18° Super Flusher	\$ 165.00	102-F,G	Polywog No Longer Available 1/17	
80-15G	Flusher with lance tip	\$ 198.00	103-F,G	Little Shamrock	\$ 935.00

Prices subject to change without notice

TRITON HYDRO TOOLS

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PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
Page 24 Discontinued Product			Page 38 Leader Hose		
Page 25 Discontinued Product			4P8	1/2" x 4' Leader Hose (3000 PSI)	
Page 26 Performance Nozzles Large Pipe			6P8	1/2" x 6' Leader Hose (3000 PSI)	
125-F,G	Boat Nozzle	\$ 2,420.00	10P8	1/2" x 10' Leader Hose (3000 PSI)	
Page 27 Performance Nozzles Cleaning			4P12	3/4" x 4' Leader Hose (3000 PSI)	
84-E	3/4" Radial C (30°)	\$ 264.00	10P12	3/4" x 10' Leader Hose (3000 PSI)	
84-F	1" Radial C (30°)	\$ 264.00	6P12	3/4" x 6' Leader Hose (3000 PSI)	
Whirl-A-Way Nozzles No Longer Sold			4P16	1" x 4' Leader Hose (3000 PSI)	
NOZZLE ACCESSORIES			6P16	1" x 6' Leader Hose (3000 PSI)	
Page 31 Nozzle Inserts			10P16	1" x 10' Leader Hose (3000 PSI)	
SC12	1/4" NF 1/8" Internl Hex Carbide	\$ 25.00	20P16	1" x 20' Leader Hose (3000 PSI)	
C12	1/4" NF 1/4" Hex Carbide	\$ 25.00	LCK-H	No Longer Sold	
C13	3/8" NF 3/8" Hex Carbide	\$ 28.00	LCK-HD	No Longer Sold	
C11	1/8" NPT 3/8" Hex Carbide	\$ 28.00	Page 39 Discontinued Product		
			Page 40 Sewer Hose Fittings & Swaging Tools		
C17	1/4" NPT 9/16" Hex Carbide	\$ 28.00	681	Hydraulic Sewer Hose Swage Tool (1/2", 1", 1-1/4" Complete)	\$ 1,535.00
C17-HH	1/4" NPT 9/16" Hex (2") Carbide	\$ 44.00	681-WK	Wheel Kit, 681 Swage Tool	\$ 77.00
85-12A	3/8" NF Lance Tip Insert	\$ 39.00	679	Mechanical Swage Tool (1/2", 3/4", 1" Complete)	\$ 1,034.00
85-12	3/8" NC Lance Tip Insert	\$ 39.00	775	Discontinued Product	
11035A2	3/8" Pulling Eye Bolt	\$ 14.00	Page 41 Swage Tool Replacement Parts		
11035A3	1/4" Pulling Eye Bolt	\$ 9.00	103-1B	3/16" Male End Coupling	\$ 12.00
Page 34 Extensions			104-1B	1/4" Male End Coupling	\$ 12.00
300-D	1/2" x 8" Tube Style	\$ 66.00	106-1B	3/8" Male End Coupling	\$ 20.00
300-E	3/4" x 12 Tube Style	\$ 99.00	106-3	3/8" Female End Swivel Coupling	\$ 24.00
300-F	1" x 12" Tube Style	\$ 116.00	108-1/08	1/2" Male End Coupling	\$ 21.00
300-G	1-1/4" x 12" Tube Style	\$ 165.00	108-1/58	1/2" Male End Coupling HP	\$ 21.00
Page 35 Skids			108-2	1/2" Mender	\$ 37.00
695-E6	3/4" Six Wire Skid (6" Pipe)	\$ 116.00	108-2/58	1/2" Mender HP	\$ 37.00
695-E812	3/4" Six Wire Skid (8"-12" Pipe)	\$ 132.00	108-3	1/2" Female End Swivel Coupling	\$ 48.00
695-F6	1" Six Wire Skid (6" Pipe)	\$ 132.00	108-3/58	1/2" Female End Swivel Coupling HP	\$ 48.00
695-F8	1" Six Wire Skid (8" Pipe)	\$ 138.00	110-1	5/8" Male End Coupling	\$ 48.00
695-F10	1" Six Wire Skid (10" Pipe)	\$ 143.00	110-2	5/8" Mender	\$ 25.00
695-F1215	1" Six Wire Skid (12"-15" Pipe)	\$ 154.00	112-1	3/4" Male End Coupling	\$ 24.00
695-G8	1 1/4" Six Wire Skid (8" Pipe)	\$ 176.00	112-2	3/4" Mender	\$ 74.00
696-D	1/2" Four Wire Skid	\$ 88.00	116-1	1" Male End Coupling	\$ 27.00
696-E	3/4" Four Wire Skid	\$ 99.00	116-2	1" Mender	\$ 40.00
696-F	1" Four Wire Skid	\$ 105.00	116-3	1" Female End Swivel Coupling	\$ 89.00
40-D	1/2" Heavy Duty Finned Skid	\$ 94.00	120-1	1-1/4" Male End Coupling	\$ 99.00
40-E	3/4" Heavy Duty Finned Skid	\$ 105.00	120-2	1-1/4" Mender	\$ 108.00
40-F	1" Heavy Duty Finned Skid	\$ 116.00	0.187P	3/16" Die	\$ 132.00
40-G	1-1/4" Heavy Duty Finned Skid	\$ 154.00	0.682P	1/4" Die	\$ 132.00
HOSES			0.745P	3/8" Die	\$ 132.00
Page 37 Sewer Cleaning Hose			0.842P	1/2" Die (2500/3500 PSI)	\$ 132.00
LL-3	3/16" 5000 PSI		0.900P	1/2" Die (4000 PSI)	\$ 132.00
LL-4	1/4" 4000 PSI		1.03P	5/8" Die (2500/4000 PSI)	\$ 132.00
LL-6	3/8" 4000 PSI		1.20P	3/4" Die	\$ 132.00
LL-8	1/2" 4000 PSI		1.455P	1" Die	\$ 132.00
SP10	5/8" 2500 PSI		1.49A	1" Die Aeroquip Only	\$ 132.00
SP12	3/4" 2500 PSI		1.800P	1-1/4" Die	\$ 132.00
HP12	3/4" 3000 PSI				
SP16	1" 2500 PSI				
HP16	1" 3000 PSI				
SP20	1-1/4" 2500 PSI				

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TRITON HYDRO TOOLS

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PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
Page 42 Swage Tool Replacement Parts			Page 47 Hydraulic Blade Cutters		
4P	1/4" Male Horizontal Pusher	\$ 94.00	903-1/2	1/2" Small Pipe Root Cutter Assy.	\$ 1,546.00
6P	3/8" Male Horizontal Pusher	\$ 94.00	903-3/4	3/4" Small Pipe Root Cutter Assy.	\$ 1,546.00
6FP	3/8" Female Horizontal Pusher	\$ 99.00	903-1/2M	1/2" Replacement Motor & Nozzle	\$ 633.00
10P	1/2" & 5/8" Male Horizontal Pusher	\$ 94.00	903-3/4M	3/4" Replacement Motor & Nozzle	\$ 633.00
10FP	1/2" & 5/8" Female Horizontal Pusher	\$ 94.00	HDP Series Blades Discontinued		
12P	3/4" Male Horizontal Pusher	\$ 94.00	Saw (RTH Series 6" - 10") Pricing see page 49		
16P	1" Male Horizontal Pusher	\$ 94.00	903-4	4" Skid Tube	\$ 83.00
16FP	1" Female Horizontal Pusher	\$ 99.00	903-6	6" (3 Plate Weld Mount) Skid	\$ 165.00
20P	1-1/4" Male Horizontal Pusher	\$ 94.00	903-8	8" (3 Plate) Skid	\$ 77.00
3VP	3/16" Male Vertical Pusher	\$ 110.00	903-10	10" (3 Plate) Skid	\$ 83.00
4VP	1/4" Male Vertical Pusher	\$ 110.00	Page 48 Cutter Accessories & Blades		
4VFP	1/4" Female Vertical Pusher	\$ 110.00	1205A	5/8" Concave Saw Arbor	\$ 66.00
6VP	3/8" Male Vertical Pusher	\$ 110.00	1205B	1" Concave Saw Arbor	\$ 66.00
6VFP	3/8" Female Vertical Pusher	\$ 110.00	114-SR	1" Shaft Spring Blade Chuck	\$ 105.00
10VP	1/2" & 5/8" Male Vertical Pusher	\$ 110.00	114A-SR	5/8" Shaft Spring Blade Chuck	\$ 105.00
10VFP	1/2" & 5/8" Female Vertical Pusher	\$ 110.00	SBAR-1	4" Selecto Blade	\$ 25.00
12VP	3/4" Male Vertical Pusher	\$ 110.00	SBAR-2	6" Selecto Blade	\$ 25.00
16VP	1" Male Vertical Pusher	\$ 110.00	SBAR-3	8" Selecto Blade	\$ 31.00
16VFP	1" Female Vertical Pusher	\$ 110.00	SBAR-4	10" Selecto Blade	\$ 33.00
HA-8M-F	1/2" Male x Female Adapter	\$ 11.00	SBAR-5	12" Selecto Blade	\$ 38.00
HA-12M-F	3/4" Male x Female Adapter	\$ 14.00	SBAR-6	15" Selecto Blade	\$ 42.00
HA-16M-F	1" Male x Female Adapter	\$ 17.00	SBAR-8	18" Selecto Blade	\$ 47.00
HA-8M-M	1/2" Male x Male Adapter	\$ 11.00	Page 49 Saw Blades		
HA-12M-M	3/4" Male x Male Adapter	\$ 14.00	1100 Series Saw Blades No Longer Sold		
HA-16M-M	1" Male x Male Adapter	\$ 17.00	HDP Series Blades No Longer Sold		
Page 43 Hose Protection			RTH-6C	6" Bolt on Concave Root Saw Blade	\$ 143.00
40-6C	Style 1, Standard Upper Manhole	\$ 330.00	RTH-8C	8" Bolt on Concave Root Saw Blade	\$ 165.00
40-6D	Discontinued Product		RTH-10C	10" Bolt on Concave Root Saw Blade	\$ 176.00
40-6E	Style 2, Y-Style Upper Manhole	\$ 360.00	RTH-12C	12" Bolt on Concave Root Saw Blade	\$ 209.00
32001A30	Replacement Roller	\$ 75.00	RTH-15C	15" Bolt on Concave Root Saw Blade	\$ 13.00
Page 44 Hose Protection			Page 50 Cable Cutter		
728	Tiger Tail Assembly	\$ 94.00	CR-K	Cable Rooter Kit	\$ 435.00
728A	Small Tiger Tail Assembly	\$ 88.00	CR-4	4" Cable (Set of 2)	\$ 77.00
730	Golden Tiger Tail Assembly	\$ 410.00	CR-6	6" Cable (Set of 2)	\$ 77.00
729A	Roller Shoe Assembly	\$ 451.00	CR-8	8" Cable (Set of 2)	\$ 77.00
729	Roller Shoe Only	\$ 344.00	CR-10	10" Cable (Set of 2)	\$ 77.00
19004A8	Replacement Rope	\$ 30.00	CR-12	12" Cable (Set of 2)	\$ 77.00
32001A11	UHMW Concave Roller	\$ 28.00	CR-15	15" Cable (Set of 2)	\$ 94.00
SAWS & CUTTERS			CR-A	1" Replacement Arbor	\$ 209.00
Page 46 Water Jet Root Cutters			CR-B	5/8" Replacement Arbor	\$ 209.00
906-3/4	3/4" Contractor Duty	\$ 2,321.00	1100 Series Saw Blades Discontinued Saw (RTH Series 6" - 15") Pricing see page 49		
906-1	1" Contractor Duty	\$ 2,321.00			
906-3/4M	3/4" Replacement Motor& Nozzle	\$ 1,441.00			
906-1M	1" Replacement Motor & Nozzle	\$ 1,441.00			
1100 Series Saw Blades Discontinued					
Saw (RTH Series 6" - 15") Pricing see page 49					
906-6	6" Contractor Duty Skid	\$ 154.00			
906-8	8" Contractor Duty Skid	\$ 165.00			
906-10	10" Contractor Duty Skid	\$ 176.00			
906-12	12" Contractor Duty Skid	\$ 187.00			
906-15	15" Contractor Duty Skid	\$ 209.00			
906-18	18" Contractor Duty Skid	\$ 264.00			

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PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
Page 65 (Continued)			Page 70 (Continued)		
14002A4	Udor Pressure Regulator		2021	800 Udor Long Range Gun 1000 psi	
14002A1	Baird Pressure Regulator		2021 Udor Gun	Sizes: 3.0, 3.5, 4.0,4.5,5.0,5.5,6.0	
ST261	UDOR Pressure Regulator		Nozzles		
Page 66 Swivels			HGH25	25' Washdown Gun Hose	
8SS5	1/2" 90° Super Swivel to 5000 psi		HGH50	50' Washdown Gun Hose	
6 MC	3/8" 90° Swivel, 14 gpm @ 3500 psi		Pages 72 & 73		
8 MC	1/2" 90° Swivel, 14 gpm @ 3500 psi		HJ13U	Discontinued Product	
8SS	1/2" Style 20 Nozzle Swivel		HJ16UCE	Discontinued Product	
12SS	3/4" Style 20 Nozzle Swivel	\$ 358.00	RODDING EQUIPMENT		
16SS	1" Style 20 Nozzle Swivel	\$ 358.00	Page 75 No Longer Made at Shamrock		
20SS	1-1/4" Style 20 Nozzle Swivel	\$ 385.00	Page 76 Rodding Tools		
12TM	3/4" Style 30, 90° Reel Swivel	\$ 523.00	BSR-1A	5/16" x 36" Blue Rods	\$ 15.00
16TM	1" Style 30, 90° Reel Swivel	\$ 523.00	BSR-2A	5/16" x 39" Blue Rods	\$ 15.00
16TMRK	3/4" & 1" Reel Swivel Repair Kit	\$ 83.00	BSR-3A	5/16" x 48" Blue Rods	\$ 19.00
20TM	1-1/4" Style 30, 90° Reel Swivel	\$ 633.00	BSR-5A	5/16" x 72" Blue Rods	\$ 23.00
20TMRK	1-1/4" Reel Swivel Repair Kit	\$ 110.00	BSR-7A	3/8" x 36" Blue Rods	\$ 21.00
Page 67 Valves			BSR-8A	3/8" x 39" Blue Rods	\$ 21.00
500-16	1" M Ball Valve		BSR-8D	3/8" x 48" Blue Rods	\$ 23.00
500-20	1 1/4" M Ball Valve		BSR-9D	3/8" x 72" Blue Rods	\$ 39.00
501-12	3/4" W Ball Valve		Rod Guide Hoses		
501-16	1" W Ball Valve		RGH-2	7" Standard Rod Guide Hose	
502-12	3/4" T Ball Valve		RGH-10	10" Standard Rod Guide Hose	
502-16	1" T Ball Valve		RGH-15	15" Standard Rod Guide Hose	
503-8	1/2" Three Way Valve		RGH-1	18" Standard Rod Guide Hose	
503-12	3/4" Three Way Valve		RGH-3	20" Standard Rod Guide Hose	
503-16	1" Three Way Valve		RGH-22	22" Standard Rod Guide Hose	
503-20	1-1/4" Three Way Valve		RGH-24	24" Standard Rod Guide Hose	
FV2/80	Discontinued Product		RGH-4	25" Standard Rod Guide Hose	
FV2/40	Discontinued Product		RGH-2-A	7" Heavy Duty Rod Guide Hose	
Page 68 Guages			RGH-10-A	10" Heavy Duty Rod Guide Hose	
1/4BM-6000	Bottom Mount Oil Filled Gauge	\$ 61.00	RGH-15-A	15" Heavy Duty Rod Guide Hose	
1/4PM-6000	Panel Mount Oil Filled Gauge	\$ 83.00	RGH-1-A	18" Heavy Duty Rod Guide Hose	
1/4PM-SZ	Sub-zero to -20° Oil Filled Gauge	\$ 138.00	RGH-3-A	20" Heavy Duty Rod Guide Hose	
	Throttle Cables No Longer Sold		RGH-22-A	22" Heavy Duty Rod Guide Hose	
	Choke Cables No Longer Sold		RGH-24-A	24" Heavy Duty Rod Guide Hose	
	Fill Hose No Longer Sold		RGH-4-A	25" Heavy Duty Rod Guide Hose	
Page 69 Discontinue Product			RGH-L2	7" Lightweight Rod Guide Hose	
Page 70 Washdown Guns			RGH-L5	10" Lightweight Rod Guide Hose	
			RGH-L6	15" Lightweight Rod Guide Hose	
			RGH-L1	18" Lightweight Rod Guide Hose	
			RGH-L3	20" Lightweight Rod Guide Hose	
			RGH-L7	22" Lightweight Rod Guide Hose	
			RGH-L8	24" Lightweight Rod Guide Hose	
			RGH-L4	25" Lightweight Rod Guide Hose	
			RGH-S2	7" Sub Zero Rod Guide Hose	
			RGH-S5	10" Sub Zero Rod Guide Hose	
			RGH-S6	15" Sub Zero Rod Guide Hose	
			RGH-S1	18" Sub Zero Rod Guide Hose	
			RGH-S3	20" Sub Zero Rod Guide Hose	
			RGH-S7	22" Sub Zero Rod Guide Hose	
			RGH-S8	24" Sub Zero Rod Guide Hose	
			RGH-S4	25" Sub Zero Rod Guide Hose	

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PART NO.	DESCRIPTION	PRICE	PART NO.	DESCRIPTION	PRICE
Rod Guide			Square Bar Corkscrew		
LRG-1	Rod Guide	\$ 184.00	5/16"		
Concave Root Saw Blades			SBC-1A	5/16" x 3" Square Bar Corkscrew	\$ 119.00
With 5/16" Adapter Rod			SBC-2A	5/16" x 4" Square Bar Corkscrew	\$ 121.00
RT-4A	5/16" x 4" Concave Root Saw	\$ 132.00	SBC-3A	5/16" x 5" Square Bar Corkscrew	\$ 125.00
RT-6A	5/16" x 6" Concave Root Saw	\$ 152.00	SBC-4A	5/16" x 6" Square Bar Corkscrew	\$ 147.00
RT-8A	5/16" x 8" Concave Root Saw	\$ 165.00	SBC-5A	5/16" x 8" Square Bar Corkscrew	\$ 167.00
RT-10A	5/16" x 10" Concave Root Saw	\$ 186.00	SBC-7A	5/16" x 10" Square Bar Corkscrew	\$ 251.00
RT-12A	5/16" x 12" Concave Root Saw	\$ 215.00	SBC-8A	5/16" x 12" Square Bar Corkscrew	Call for Price
RT-15A	5/16" x 15" Concave Root Saw	\$ 234.00	3/8"		
With 3/8" Adapter Rod			SBC-1B	3/8" x 3" Square Bar Corkscrew	\$ 125.00
RT-4B	3/8" x 4" Concave Root Saw	\$ 138.00	SBC-2B	3/8" x 4" Square Bar Corkscrew	\$ 128.00
RT-6B	3/8" x 6" Concave Root Saw	\$ 158.00	SBC-3B	3/8" x 5" Square Bar Corkscrew	\$ 132.00
RT-8B	3/8" x 8" Concave Root Saw	\$ 172.00	SBC-4B	3/8" x 6" Square Bar Corkscrew	\$ 154.00
RT-10B	3/8" x 10" Concave Root Saw	\$ 196.00	SBC-5B	3/8" x 8" Square Bar Corkscrew	\$ 176.00
RT-12B	3/8" x 12" Concave Root Saw	\$ 218.00	SBC-7B	3/8" x 10" Square Bar Corkscrew	\$ 258.00
RT-15B	3/8" x 15" Concave Root Saw	\$ 237.00	Sand Corkscrew		
Augers			SCS-1	5/16" Sand Corkscrew	\$ 78.00
With 5/16" Adapter Rod			SCS-2	3/8" Sand Corkscrew	\$ 101.00
SA-1A	5/16" x 3" Auger	\$ 97.00	Sand Leader		
SA-2A	5/16" x 4" Auger	\$ 124.00	5/16"		
SA-3A	5/16" x 5" Auger	\$ 150.00	SSL-1A	3" x 5/16" Sand Leader	\$ 58.00
SA-4A	5/16" x 6" Auger	\$ 185.00	SSL-2A	4" x 5/16" Sand Leader	\$ 69.00
SA-5A	5/16" x 8" Auger	\$ 233.00	SSL-3A	6" x 5/16" Sand Leader	\$ 80.00
SA-6A	5/16" x 10" Auger	\$ 247.00	3/8"		
With 3/8" Adapter Rod			SSL-1B	3" x 3/8" Sand Leader	\$ 69.00
SA-1B	3/8" x 3" Auger	\$ 103.00	SSL-2B	4" x 3/8" Sand Leader	\$ 95.00
SA-2B	3/8" x 4" Auger	\$ 131.00	SSL-3B	6" x 3/8" Sand Leader	\$ 111.00
SA-3B	3/8" x 5" Auger	\$ 156.00	Double Round Wire Corkscrew		
SA-4B	3/8" x 6" Auger	\$ 193.00	5/16"		
SA-5B	3/8" x 8" Auger	\$ 240.00	DPC-1A	3" x 5/16" DBL RD Corkscrew	\$ 66.00
SA-6B	3/8" x 10" Auger	\$ 276.00	DPC-2A	4" x 5/16" DBL RD Corkscrew	\$ 70.00
Page 77			DPC-3A	5" x 5/16" DBL RD Corkscrew	\$ 84.00
Round Wire Corkscrew			DPC-4A	6" x 5/16" DBL RD Corkscrew	\$ 99.00
5/16"			3/8"		
RWC-1A	5/16" x 1.5" Round Wire Corkscrew	\$ 39.00	DPC-1B	3" x 3/8" DBL RD Corkscrew	\$ 77.00
RWC-2A	5/16" x 2" Round Wire Corkscrew	\$ 39.00	DPC-2B	4" x 3/8" DBL RD Corkscrew	\$ 87.00
RWC-3A	5/16" x 2.5" Round Wire Corkscrew	\$ 39.00	DPC-3B	5" x 3/8" DBL RD Corkscrew	\$ 95.00
RWC-4A	5/16" x 3" Round Wire Corkscrew	\$ 39.00	DPC-4B	6" x 3/8" DBL RD Corkscrew	\$ 113.00
RWC-6A	5/16" x 4" Round Wire Corkscrew	\$ 39.00	Pick-Up Tool		
RWC-7A	5/16" x 5-1/2" Round Wire Corkscrew	\$ 72.00	PUT-1	5/16" Pick-up Tool	\$ 41.00
3/8"			PUT-2	3/8" Pick-up Tool	\$ 47.00
RWC-1B	3/8" x 1.5" Round Wire Corkscrew	\$ 47.00	Spear Head		
RWC-2B	3/8" x 2" Round Wire Corkscrew	\$ 47.00	5/16"		
RWC-3B	3/8" x 2.5" Round Wire Corkscrew	\$ 47.00	SPC-1A	1-7/8" x 5/16" Spear Head	\$ 69.00
RWC-4B	3/8" x 3" Round Wire Corkscrew	\$ 47.00	SPC-2A	4" x 5/16" Srear Head	\$ 91.00
RWC-6B	3/8" x 4" Round Wire Corkscrew	\$ 47.00	3/8"		
RWC-7B	3/8" x 5-1/2" Round Wire Corkscrew	\$ 80.00	SPC-1B	1-7/8" x 3/8" Spear Head	\$ 76.00
			SPC-2B	4" x 3/8" Spear Head	\$ 99.00
			Bullet Tool		
			PT-1	5/16" Bullet Tool	\$ 34.00
			PT-2	3/8" Bullet Tool	\$ 43.00

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PART NO.	DESCRIPTION	PRICE
Page 78		
Assembly Handle		
AW-1	5/16" Assembly Tool	\$ 38.00
AW-2	3/8" Assembly tool	\$ 42.00
Bar Turning Tool (5/16" Rod Only)		
BTH-1	5/16" Bar Turning Handle	\$ 22.00
One-Man Rod Turning Rachet		
RTR-2	5/16" Rod Rachet	\$ 427.00
RTR-2A	3/8" Rod Rachet	\$ 439.00
Pull Out Tool		
POT-1	5/16" Pull Out Tool	\$ 40.00
POT-2	3/8" Pull Out Tool	\$ 41.00
Pull Out Turning Handle		
POT-3	5/16" Pull Out Turning Handle	\$ 43.00
POT-4	3/8" Pull Out Turning Handle	\$ 45.00
Back Jack		
ABJ-1	Back Jack	\$ 140.00
Rod Guide Jack		
GH-1	Rod Guide Jack	\$ 158.00
Foot Jack		
AFJ-1	Foot Jack	\$ 140.00
Inspection Equipment		
Please call for Assistance and Pricing		

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PART NO.	Catalog Page#	Size	TIER 2 PRICES IN PINK HIGHLIGHT SOUTHLAND TOOL CATALOG PRICES	 2024 List Price	
ST-PRO-1	1	1"	INSPECTION CAMERA NOZZLE KIT	\$	3,531
ST-10-12	1		SKID SET FOR 10"-12" PIPE SIZE	\$	202
ST-15-18	1		SKID SET FOR 15"-18" PIPE SIZE	\$	241
SN-3/4	1		¾" REAR NOZZLE	\$	177
SN-1/2	1		½" REAR NOZZLE	\$	161
SRA-1	1		SEWER ROD ADAPTER	\$	161
FPA-1	1		FIBERGLASS POLE ADAPTER	\$	274
FT-6	2	6"	FLAT TRAP BASKET 6" WIDE X 6" HIGH FOR QUICK CONNECT FIBERGLASS POLES	\$	298
FT-8	2	8"	FLAT TRAP BASKET 8" WIDE X 6" HIGH FOR QUICK CONNECT FIBERGLASS POLES	\$	310
FT-10	2	10"	FLAT TRAP BASKET 10" WIDE X 8" HIGH FOR QUICK CONNECT FIBERGLASS POLES	\$	323
FT-12	2	12"	FLAT TRAP BASKET 12" WIDE X 8" HIGH FOR QUICK CONNECT FIBERGLASS POLES	\$	339
FT-15	2	15"	FLAT TRAP BASKET 15" WIDE X 8" HIGH FOR QUICK CONNECT FIBERGLASS POLES	\$	462
FT-6C	2	6"	FLAT TRAP BASKET 6" WIDE X 6" HIGH FOR CUES POLES	\$	313
FT-8C	2	8"	FLAT TRAP BASKET 8" WIDE X 6" HIGH FOR CUES POLES	\$	325
FT-10C	2	10"	FLAT TRAP BASKET 10" WIDE X 8" HIGH FOR CUES POLES	\$	338
FT-12C	2	12"	FLAT TRAP BASKET 12" WIDE X 8" HIGH FOR CUES POLES	\$	354
FT-15C	2	15"	FLAT TRAP BASKET 15" WIDE X 8" HIGH FOR CUES POLES	\$	477
FT-6T	2	6"	FLAT TRAP BASKET 6" WIDE X 6" HIGH FOR THREADED POLES	\$	314
FT-8T	2	8"	FLAT TRAP BASKET 8" WIDE X 6" HIGH FOR THREADED POLES	\$	326
FT-10T	2	10"	FLAT TRAP BASKET 10" WIDE X 8" HIGH FOR THREADED POLES	\$	339
FT-12T	2	12"	FLAT TRAP BASKET 12" WIDE X 8" HIGH FOR THREADED POLES	\$	355
FT-15T	2	15"	FLAT TRAP BASKET 15" WIDE X 8" HIGH FOR THREADED POLES	\$	478
DB-6	2	6"	DEBRIS BASKET 6" FOR QUICK CONNECT FIBERGLASS POLES	\$	286
DB-8	2	8"	DEBRIS BASKET 8" FOR QUICK CONNECT FIBERGLASS POLES	\$	304

DB-10	2	10"	DEBRIS BASKET 10" FOR QUICK CONNECT FIBERGLASS POLES	\$	329
DB-12	2	12"	DEBRIS BASKET 12" FOR QUICK CONNECT FIBERGLASS POLES	\$	377
DB-15	2	15"	DEBRIS BASKET 15" FOR QUICK CONNECT FIBERGLASS POLES	\$	438
DB-18	2	18"	DEBRIS BASKET 18" FOR QUICK CONNECT FIBERGLASS POLES	\$	511
DB-24	NOT IN CATALOG	24"	DEBRIS BASKET 24" FOR QUICK CONNECT FIBERGLASS POLES (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	807
DB-6C	REFERENCE IN CATALOG	6"	DEBRIS BASKET 6" FOR CUES POLES	\$	302
DB-8C	REFERENCE IN CATALOG	8"	DEBRIS BASKET 8" FOR CUES POLES	\$	320
DB-10C	REFERENCE IN CATALOG	10"	DEBRIS BASKET 10" FOR CUES POLES	\$	345
DB-12C	REFERENCE IN CATALOG	12"	DEBRIS BASKET 12" FOR CUES POLES	\$	393
DB-15C	REFERENCE IN CATALOG	15"	DEBRIS BASKET 15" FOR CUES POLES	\$	454
DB-18C	REFERENCE IN CATALOG	18"	DEBRIS BASKET 18" FOR CUES POLES	\$	527
DB-24C	REFERENCE IN CATALOG	24"	DEBRIS BASKET 24" FOR CUES POLES (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	825
DB-6T	REFERENCE IN CATALOG	6"	DEBRIS BASKET 6" FOR THREADED POLES	\$	302
DB-8T	REFERENCE IN CATALOG	8"	DEBRIS BASKET 8" FOR THREADED POLES	\$	320
DB-10T	REFERENCE IN CATALOG	10"	DEBRIS BASKET 10" FOR THREADED POLES	\$	345
DB-12T	REFERENCE IN CATALOG	12"	DEBRIS BASKET 12" FOR THREADED POLES	\$	393
DB-15T	REFERENCE IN CATALOG	15"	DEBRIS BASKET 15" FOR THREADED POLES	\$	454
DB-18T	REFERENCE IN CATALOG	18"	DEBRIS BASKET 18" FOR THREADED POLES	\$	527
DB-24T	REFERENCE IN CATALOG	24"	DEBRIS BASKET 24" FOR THREADED POLES (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	825
DB-6S	2	6"	DEBRIS GRIT CATCHER 6" FOR QUICK CONNECT FIBERGLASS POLES	\$	329
DB-8S	2	8"	DEBRIS GRIT CATCHER 8" FOR QUICK CONNECT FIBERGLASS POLES	\$	247
DB-10S	2	10"	DEBRIS GRIT CATCHER 10" FOR QUICK CONNECT FIBERGLASS POLES	\$	364
DB-12S	2	12"	DEBRIS GRIT CATCHER 12" FOR QUICK CONNECT FIBERGLASS POLES	\$	419
DB-15S	2	15"	DEBRIS GRIT CATCHER 15" FOR QUICK CONNECT FIBERGLASS POLES	\$	473
DB-18S	2	18"	DEBRIS GRIT CATCHER 18" FOR QUICK CONNECT FIBERGLASS POLES	\$	550
DB-24S	NOT IN CATALOG	24"	DEBRIS GRIT CATCHER 24" FOR QUICK CONNECT FIBERGLASS POLES (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	861

DB-6SC	REFERENCE IN CATALOG	6"	DEBRIS GRIT CATCHER 6" FOR CUES POLES	\$ 345
DB-8SC	REFERENCE IN CATALOG	8"	DEBRIS GRIT CATCHER 8" FOR CUES POLES	\$ 363
DB-10SC	REFERENCE IN CATALOG	10"	DEBRIS GRIT CATCHER 10" FOR CUES POLES	\$ 381
DB-12SC	REFERENCE IN CATALOG	12"	DEBRIS GRIT CATCHER 12" FOR CUES POLES	\$ 435
DB-15SC	REFERENCE IN CATALOG	15"	DEBRIS GRIT CATCHER 15" FOR CUES POLES	\$ 489
DB-18SC	REFERENCE IN CATALOG	18"	DEBRIS GRIT CATCHER 18" FOR CUES POLES	\$ 567
DB-24SC	REFERENCE IN CATALOG	24"	DEBRIS GRIT CATCHER 24" FOR CUES POLES (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$ 879
DB-6ST	REFERENCE IN CATALOG	6"	DEBRIS GRIT CATCHER 6" FOR THREADED POLES	\$ 345
DB-8ST	REFERENCE IN CATALOG	8"	DEBRIS GRIT CATCHER 8" FOR THREADED POLES	\$ 363
DB-10ST	REFERENCE IN CATALOG	10"	DEBRIS GRIT CATCHER 10" FOR THREADED POLES	\$ 381
DB-12ST	REFERENCE IN CATALOG	12"	DEBRIS GRIT CATCHER 12" FOR THREADED POLES	\$ 435
DB-15ST	REFERENCE IN CATALOG	15"	DEBRIS GRIT CATCHER 15" FOR THREADED POLES	\$ 489
DB-18ST	REFERENCE IN CATALOG	18"	DEBRIS GRIT CATCHER 18" FOR THREADED POLES	\$ 567
DB-24ST	REFERENCE IN CATALOG	24"	DEBRIS GRIT CATCHER 24" FOR THREADED POLES (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$ 879
DBR-6	2	6"	DEBRIS BASKET 6" WITH ROPE	\$ 269
DBR-8	2	8"	DEBRIS BASKET 8" WITH ROPE	\$ 283
DBR-10	2	10"	DEBRIS BASKET 10" WITH ROPE	\$ 301
DBR-12	2	12"	DEBRIS BASKET 12" WITH ROPE	\$ 344
DBR-15	2	15"	DEBRIS BASKET 15" WITH ROPE	\$ 395
DBR-18	2	18"	DEBRIS BASKET 18" WITH ROPE	\$ 481
DBR-24	NOT IN CATALOG	24"	DEBRIS BASKET 24" WITH ROPE (CUSTOM ITEM) (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$ 742
DBR-6S	3	6"	DEBRIS GRIT CATCHER 6" WITH ROPE	\$ 312
DBR-8S	3	8"	DEBRIS GRIT CATCHER 8" WITH ROPE	\$ 323
DBR-10S	3	10"	DEBRIS GRIT CATCHER 10" WITH ROPE	\$ 341
DBR-12S	3	12"	DEBRIS GRIT CATCHER 12" WITH ROPE	\$ 383

DBR-15S	3	15"	DEBRIS GRIT CATCHER 15" WITH ROPE	\$	435
DBR-18S	3	18"	DEBRIS GRIT CATCHER 18" WITH ROPE	\$	521
DBR-24S	NOT IN CATALOG	24"	DEBRIS GRIT CATCHER 24" WITH ROPE (CUSTOM ITEM) (WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	799
FA-1			QUICK CONNECT POLE ADAPTER. FOR QUICK CONNECT POLES	\$	39
ADT-6	3	6"	ALUMINUM DEBRIS/SAND TRAP 6" FOR USE WITH QUICK CONNECT POLES	\$	306
ADT-8	3	8"	ALUMINUM DEBRIS/SAND TRAP 8" FOR USE WITH QUICK CONNECT POLES	\$	323
ADT-10	3	10"	ALUMINUM DEBRIS/SAND TRAP 10" FOR USE WITH QUICK CONNECT POLES	\$	346
ADT-12	3	12"	ALUMINUM DEBRIS/SAND TRAP 12" FOR USE WITH QUICK CONNECT POLES	\$	369
ADT-15	3	15"	ALUMINUM DEBRIS/SAND TRAP 15" FOR USE WITH QUICK CONNECT POLES	\$	403
ADT-18	3	18"	ALUMINUM DEBRIS/SAND TRAP 18" FOR USE WITH QUICK CONNECT POLES	\$	430
ADT-6C	REFERENCE IN CATALOG	6"	ALUMINUM DEBRIS/SAND TRAP 6" FOR USE WITH CUES POLES	\$	323
ADT-8C	REFERENCE IN CATALOG	8"	ALUMINUM DEBRIS/SAND TRAP 8" FOR USE WITH CUES POLES	\$	339
ADT-10C	REFERENCE IN CATALOG	10"	ALUMINUM DEBRIS/SAND TRAP 10" FOR USE WITH CUES POLES	\$	362
ADT-12C	REFERENCE IN CATALOG	12"	ALUMINUM DEBRIS/SAND TRAP 12" FOR USE WITH CUES POLES	\$	385
ADT-15C	REFERENCE IN CATALOG	15"	ALUMINUM DEBRIS/SAND TRAP 15" FOR USE WITH CUES POLES	\$	419
ADT-18C	REFERENCE IN CATALOG	18"	ALUMINUM DEBRIS/SAND TRAP 18" FOR USE WITH CUES POLES	\$	446
ADT-6T	REFERENCE IN CATALOG	6"	ALUMINUM DEBRIS/SAND TRAP 6" FOR USE WITH THREADED POLES	\$	323
ADT-8T	REFERENCE IN CATALOG	8"	ALUMINUM DEBRIS/SAND TRAP 8" FOR USE WITH THREADED POLES	\$	339
ADT-10T	REFERENCE IN CATALOG	10"	ALUMINUM DEBRIS/SAND TRAP 10" FOR USE WITH THREADED POLES	\$	362
ADT-12T	REFERENCE IN CATALOG	12"	ALUMINUM DEBRIS/SAND TRAP 12" FOR USE WITH THREADED POLES	\$	385
ADT-15T	REFERENCE IN CATALOG	15"	ALUMINUM DEBRIS/SAND TRAP 15" FOR USE WITH THREADED POLES	\$	419
ADT-18T	REFERENCE IN CATALOG	18"	ALUMINUM DEBRIS/SAND TRAP 18" FOR USE WITH THREADED POLES	\$	446
SC-4	3	4"	SCOOPA 4" FOR QUICK CONNNECT POLES	\$	161
SC-6	3	6"	SCOOPA 6" FOR QUICK CONNECT POLES	\$	174
SC-8	3	8"	SCOOPA 8" FOR QUICK CONNECT POLES	\$	180
SC-10	3	10"	SCOOPA 10" FOR QUICK CONNECT POLES	\$	188

SC-12	3	12"	SCOOPA 12" FOR QUICK CONNECT POLES	\$	215
SC-4C	REFERENCE IN CATALOG	4"	SCOOPA 4" FOR CUES POLES	\$	177
SC-6C	REFERENCE IN CATALOG	6"	SCOOPA 6" FOR CUES POLES	\$	190
SC-8C	REFERENCE IN CATALOG	8"	SCOOPA 8" FOR CUES POLES	\$	196
SC-10C	REFERENCE IN CATALOG	10"	SCOOPA 10" FOR CUES POLES	\$	204
SC-12C	REFERENCE IN CATALOG	12"	SCOOPA 12" FOR CUES POLES	\$	231
SC-4T	REFERENCE IN CATALOG	4"	SCOOPA 4" FOR THREADED POLES	\$	177
SC-6T	REFERENCE IN CATALOG	6"	SCOOPA 6" FOR THREADED POLES	\$	190
SC-8T	REFERENCE IN CATALOG	8"	SCOOPA 8" FOR THREADED POLES	\$	196
SC-10T	REFERENCE IN CATALOG	10"	SCOOPA 10" FOR THREADED POLES	\$	204
SC-12T	REFERENCE IN CATALOG	12"	SCOOPA 12" FOR THREADED POLES	\$	231
SCCS-6	3	6"	SCOOPA 6" SCREEN FOR QUICK CONNECT POLES	\$	194
SCCS-8	3	8"	SCOOPA 8" SCREEN FOR QUICK CONNECT POLES	\$	201
SCCS-10	3	10"	SCOOPA 10" SCREEN FOR QUICK CONNECT POLES	\$	218
SCCS-12	3	12"	SCOOPA 12" SCREEN FOR QUICK CONNECT POLES	\$	231
SCCS-6C	REFERENCE IN CATALOG	6"	SCOOPA 6" SCREEN FOR CUES POLES	\$	210
SCCS-8C	REFERENCE IN CATALOG	8"	SCOOPA 8" SCREEN FOR CUES POLES	\$	217
SCCS-10C	REFERENCE IN CATALOG	10"	SCOOPA 10" SCREEN FOR CUES POLES	\$	234
SCCS-12C	REFERENCE IN CATALOG	12"	SCOOPA 12" SCREEN FOR CUES POLES	\$	247
SCCS-6T	REFERENCE IN CATALOG	6"	SCOOPA 6" SCREEN FOR THREADED POLES	\$	210
SCCS-8T	REFERENCE IN CATALOG	8"	SCOOPA 8" SCREEN FOR THREADED POLES	\$	217
SCCS-10T	REFERENCE IN CATALOG	10"	SCOOPA 10" SCREEN FOR THREADED POLES	\$	234
SCCS-12T	REFERENCE IN CATALOG	12"	SCOOPA 12" SCREEN FOR THREADED POLES	\$	247

SCP-6	3	6"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES	\$	215
SCP-8	3	8"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES	\$	226
SCP-10	3	10"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES	\$	248
SCP-12	3	12"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES	\$	271
SCP-6C	REFERENCE IN CATALOG	6"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR CUES POLES	\$	231
SCP-8C	REFERENCE IN CATALOG	8"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR CUES POLES	\$	242
SCP-10C	REFERENCE IN CATALOG	10"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR CUES POLES	\$	264
SCP-12C	REFERENCE IN CATALOG	12"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR CUES POLES	\$	287
SCP-6T	REFERENCE IN CATALOG	6"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR THREADED POLES	\$	231
SCP-8T	REFERENCE IN CATALOG	8"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR THREADED POLES	\$	242
SCP-10T	REFERENCE IN CATALOG	10"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR THREADED POLES	\$	264
SCP-12T	REFERENCE IN CATALOG	12"	FULLY PERFORATED SCOOPA SCREEN FOR FIBERGLASS POLES FOR THREADED POLES	\$	287
LC-9	4		CURVED CHOPPER FOR QUICK CONNECT POLES	\$	118
LC-9C	REFERENCE IN CATALOG		CURVED CHOPPER FOR CUES POLES	\$	134
LC-9T	REFERENCE IN CATALOG		CURVED CHOPPER FOR THREADED POLES	\$	134
PS-1	4		ROUND CATCH BASIN SPOON. 9 INCHES IN DIAMETER. FOR QUICK CONNECT POLES	\$	154
PS-1C	REFERENCE IN CATALOG		ROUND CATCH BASIN SPOON. 9 INCHES IN DIAMETER. FOR CUES POLES	\$	170
PS-1T	REFERENCE IN CATALOG		ROUND CATCH BASIN SPOON. 9 INCHES IN DIAMETER FOR THREADED POLES	\$	170
WSS-1	4		WESTERN STYLE SPOON. 9 INCHES IN DIAMETER. FOR QUICK CONNECT POLES	\$	161
WSS-1C	REFERENCE IN CATALOG		WESTERN STYLE SPOON. 9 INCHES IN DIAMETER. FOR CUES POLES	\$	177
WSS-1T	REFERENCE IN CATALOG		WESTERN STYLE SPOON. 9 INCHES IN DIAMETER FOR THEADED POLES	\$	177
SIS-1	4		INVERT SHOVEL ATTACHMENT	\$	118
SIS-1C	REFERENCE IN CATALOG		INVERT SHOVEL FOR CUES TYPE POLES	\$	134
SIS-1T	REFERENCE IN CATALOG		INVERT SHOVEL FOR THREADED POLES	\$	134

FS-IT	4		FLAT SHOVEL ATTACHMENT. CONNECTS TO QUICK CONNECT POLES	\$	131
FS-ITC	REFERENCE IN CATALOG		FLAT SHOVEL ATTACHMENT. CONNECTS TO CUES POLES	\$	147
FS-ITT	REFERENCE IN CATALOG		FLAT SHOVEL ATTACHMENT. CONNECTS TO THREADED POLES	\$	147
CS-IT	4		SPADE ROUND SHOVEL. CONNECTS TO QUICK CONNECT POLES	\$	143
CS-ITC	REFERENCE IN CATALOG		SPADE ROUND SHOVEL. CONNECTS TO CUES TYPE POLES	\$	159
CS-ITT	REFERENCE IN CATALOG		SPADE ROUND SHOVEL. CONNECTS TO THREADED POLES	\$	159
SMAG-1	4		SEWER MAGNET, 100 LBS. CAPACITY. FOR QUICK CONNECT POLES	\$	118
SMAG-1C	REFERENCE IN CATALOG		SEWER MAGNET, 100 LBS. CAPACITY. FOR CUES TYPE POLES	\$	134
SMAG-1T	REFERENCE IN CATALOG		SEWER MAGNET, 100 LBS. CAPACITY. FOR THREADED POLES	\$	134
HG-1	5		HOSE GRABBER FOR QUICK CONNECT POLES	\$	125
HG-1C	REFERENCE IN CATALOG		HOSE GRABBER FOR CUES POLES	\$	151
HG-1T	REFERENCE IN CATALOG		HOSE GRABBER FOR THREADED POLES	\$	141
SHT-1	5		OPPOSITE HOSE GRABBER FOR QUICK CONNECT POLES	\$	131
SHT-1C	REFERENCE IN CATALOG		OPPOSITE HOSE GRABBER FOR CUES POLES	\$	147
SHT-1T	REFERENCE IN CATALOG		OPPOSITE HOSE GRABBER FOR THREADED POLES	\$	147
4PG-1	5		4 PRONGED DEBRIS GRABBER FOR QUICK CONNECT POLES	\$	169
4PG-1C	REFERENCE IN CATALOG		4 PRONGED DEBRIS GRABBER FOR CUES POLES	\$	185
4PG-1T	REFERENCE IN CATALOG		4 PRONGED DEBRIS GRABBER FOR THREADED POLES	\$	185
3PG-1	5		3 PRONGED DEBRIS GRABBER FOR QUICK CONNECT POLES	\$	167
3PG-1C	REFERENCE IN CATALOG		3 PRONGED DEBRIS GRABBER FOR CUES POLES	\$	183
3PG-1T	REFERENCE IN CATALOG		3 PRONGED DEBRIS GRABBER FOR THREADED POLES	\$	183
BITZ-R	5		12" LONG BITZ RAKE FOR QUICK CONNECT POLES	\$	156
BITZ-RC	REFERENCE IN CATALOG		12" LONG BITZ RAKE FOR CUES POLES	\$	172

BITZ-RT	REFERENCE IN CATALOG		12' LONG BITZ RAKE FOR THREADED POLES	\$	172
SR4-1	5		4 PRONGED 90° RAKE FOR QUICK CONNECT POLES	\$	158
SR4-1C	REFERENCE IN CATALOG		4 PRONGED 90° RAKE FOR CUES POLES	\$	174
SR4-1T	REFERENCE IN CATALOG		4 PRONGED 90° RAKE FOR THREADED POLES	\$	174
CAM-1	6		CAMERA GAFFING HOOK. TESTED TO 200 LBS. FOR QUICK CONNECT POLES	\$	124
CAM-1C	REFERENCE IN CATALOG		CAMERA GAFFING HOOK. TESTED TO 200 LBS. FOR CUES TYPE POLES	\$	140
CAM-1T	REFERENCE IN CATALOG		CAMERA GAFFING HOOK. TESTED TO 200 LBS. FOR THREADED POLES	\$	140
CAM-2	6		SMALL DIAMETER, 3 INCH, CAMERA GAFFING HOOK. FOR QUICK CONNECT POLES	\$	124
CAM-2C	REFERENCE IN CATALOG		SMALL DIAMETER, 3 INCH, CAMERA GAFFING HOOK. FOR CUES TYPE POLES	\$	140
CAM-2T	REFERENCE IN CATALOG		SMALL DIAMETER, 3 INCH, CAMERA GAFFING HOOK. FOR THREADED POLES	\$	140
SSCAM-1S	6		2 INCH DIAMETER CAMERA HOOK. SIDE TO SIDE SWIVEL HOOK FOR QUICK CONNECT POLES	\$	149
SSCAM-1SC	6		2 INCH DIAMETER CAMERA HOOK. SIDE TO SIDE SWIVEL HOOK FOR CUES TYPE POLES	\$	166
SSCAM-1ST	6		2 INCH DIAMETER CAMERA HOOK. SIDE TO SIDE SWIVEL HOOK FOR THREADED POLES	\$	166
ECL-1	6		ENVIROTYPE CAMERA LIFTING HOOK WITH SIDE PICK UP BARS AND QUICK CONNECT POLE ADAPTER	\$	189
ECL-1C	REFERENCE IN CATALOG		ENVIROTYPE CAMERA LIFTING HOOK WITH SIDE PICK UP BARS AND CUES POLE ADAPTER	\$	205
ECL-1T	REFERENCE IN CATALOG		ENVIROTYPE CAMERA LIFTING HOOK WITH SIDE PICK UP BARS AND THREADED POLE ADAPTER	\$	205
IBAK-1	6		IBAK SEWER CAMERA LIFT TOOL	\$	285
PP-125	6		PIKE POLE FOR QUICK CONNECT POLES	\$	167
PP-125C	REFERENCE IN CATALOG		PIKE POLE FOR CUES TYPE POLES	\$	183
PP-125T	REFERENCE IN CATALOG		PIKE POLE FOR THREADED POLES	\$	183
AW-1	6		ADJUSTABLE HYDRANT WRENCH (STEEL HANDLE, CAST IRON HEAD)	\$	38
SPH-5	6		SPEARHEAD FOR POLE	\$	70
GWCT-12	7	12'	12 FT LONG CLAW TELESCOPIC FIBERGLASS POLE GRABBER	\$	352

GWCT-16	7	8'-16'	8-16 FT LONG CLAW TELESCOPIC FIBERGLASS POLE GRABBER	\$	399
GWCT-24	7	8'-24'	8-24 FT LONG CLAW TELESCOPIC FIBERGLASS POLE GRABBER	\$	404
CRW-1	7		CLAW FOR ATTACHING FOR QUICK CONNECT POLES	\$	210
CRW-1C	REFERENCE IN CATALOG		CLAW FOR ATTACHING FOR CUES POLES	\$	226
CRW-1T	REFERENCE IN CATALOG		CLAW FOR ATTACHING FOR THREADED POLES	\$	226
SGP-15	7	15'	15 FT LONG STEEL TELESCOPIC GRABBER PRONG EXTENDS FROM 5' TO 15'	\$	358
SGP-24	7	24'	24 FT LONG STEEL TELESCOPIC GRABBER PRONG EXTENDS FROM 8' TO 24'	\$	424
IMR-1	7		4 INCH X 6 INCH SEWER MIRROR FOR QUICK CONNECT POLES. COMPLETE WITH PADDED COVER	\$	142
IMR-2	7		6 INCH X 6 INCH SEWER MIRROR FOR QUICK CONNECT POLES. COMPLETE WITH PADDED COVER	\$	154
IMR-3	7		8 INCH X 10 INCH SEWER MIRROR FOR QUICK CONNECT POLES. COMPLETE WITH PADDED COVER	\$	167
SHC-6	8	6'	HANDY CLAM 6' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$	375
SHC-6-6	REFERENCE IN CATALOG	6'	HANDY CLAM 6' LONG WITH LARGE 16' BUCKET (ONE PIECE)	\$	375
SHC-8	8	8'	HANDY CLAM 8' LONG WITH SMALL 12" BUCKET (TWO PIECE)	\$	398
SHC-8-6	REFERENCE IN CATALOG	8'	HANDY CLAM 8' LONG WITH LARGE 16" BUCKET (TWO PIECE)	\$	398
SHC-8-1PC	REFERENCE IN CATALOG	8'	HANDY CLAM 8' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$	398
SHC-8-6-1PC	REFERENCE IN CATALOG	8'	HANDY CLAM 8' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$	398
SHC-10	8	10'	HANDY CLAM 10' LONG WITH SMALL 12" BUCKET (TWO PIECE)	\$	458
SHC-10-6	REFERENCE IN CATALOG	10'	HANDY CLAM 10' LONG WITH LARGE 16" BUCKET (TWO PIECE)	\$	458
SHC-10-1PC	REFERENCE IN CATALOG	10'	HANDY CLAM 10' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$	458
SHC-10-6-1PC	REFERENCE IN CATALOG	10'	HANDY CLAM 10' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$	458
SHC-12	8	12'	HANDY CLAM 12' LONG WITH SMALL 12" BUCKET (TWO PIECE)	\$	547
SHC-12-6	REFERENCE IN CATALOG	12'	HANDY CLAM 12' LONG WITH LARGE 16" BUCKET (TWO PIECE)	\$	547
SHC-12-1PC	REFERENCE IN CATALOG	12'	HANDY CLAM 12' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$	547
SHC-12-6-1PC	REFERENCE IN CATALOG	12'	HANDY CLAM 12' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$	547
SHC-16	8	16'	HANDY CLAM 16' LONG WITH SMALL 12" BUCKET (THREE PIECE)	\$	645
SHC-16-6	REFERENCE IN CATALOG	16'	HANDY CLAM 16' LONG WITH LARGE 16" BUCKET (THREE PIECE)	\$	645

SHC-16-1PC	REFERENCE IN CATALOG	16'	HANDY CLAM 16' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$ 645
SHC-16-6-1PC	REFERENCE IN CATALOG	16'	HANDY CLAM 16' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$ 645
SHC-18	8	18'	HANDY CLAM 18' LONG WITH SMALL 12" BUCKET (THREE PIECE)	\$ 703
SHC-18-6	REFERENCE IN CATALOG	18'	HANDY CLAM 18' LONG WITH LARGE 16" BUCKET (THREE PIECE)	\$ 703
SHC-18-1PC	REFERENCE IN CATALOG	18'	HANDY CLAM 18' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$ 703
SHC-18-6-1PC	REFERENCE IN CATALOG	18'	HANDY CLAM 18' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$ 703
SHC-20	8	20'	HANDY CLAM 20' LONG WITH SMALL 12" BUCKET (FOUR PIECE)	\$ 781
SHC-20-6	REFERENCE IN CATALOG	20'	HANDY CLAM 20' LONG WITH LARGE 16" BUCKET (FOUR PIECE)	\$ 781
SHC-20-1PC	REFERENCE IN CATALOG	20'	HANDY CLAM 20' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$ 781
SHC-20-6-1PC	REFERENCE IN CATALOG	20'	HANDY CLAM 20' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$ 781
SHC-25	8	25'	HANDY CLAM 25' LONG WITH SMALL 12" BUCKET (FOUR PIECE)	\$ 923
SHC-25-6	REFERENCE IN CATALOG	25'	HANDY CLAM 25' LONG WITH LARGE 16" BUCKET (FOUR PIECE)	\$ 923
SHC-25-1PC	REFERENCE IN CATALOG	25'	HANDY CLAM 25' LONG WITH SMALL 12" BUCKET (ONE PIECE)	\$ 923
SHC-25-6-1PC	REFERENCE IN CATALOG	25'	HANDY CLAM 25' LONG WITH LARGE 16" BUCKET (ONE PIECE)	\$ 923
SHC-EX	8		HANDI CLAM EXTENSION (PER FOOT)	\$ 44
SIS-6	9	6"	6' INVERT SHOVEL WITH WOOD POLE (1 PIECE)	\$ 269
SIS-8	9	8"	8' INVERT SHOVEL WITH WOOD POLE (1 PIECE)	\$ 280
SIS-102	9	10"	10' INVERT SHOVEL WITH WOOD POLE (2 PIECE, 2ea. 5ft)	\$ 317
SIS-122	9	12"	12' INVERT SHOVEL WITH WOOD POLE (2 PIECE, 2ea. 6ft)	\$ 339
SIS-162	9	16"	16' INVERT SHOVEL WITH WOOD POLE (2 PIECE, 2ea. 8ft)	\$ 371
SIS-183	9	18"	18' INVERT SHOVEL WITH WOOD POLE (3 PIECE, 3ea. 6ft)	\$ 398
SIS-203	9	20"	20' INVERT SHOVEL WITH WOOD POLE (3 PIECE, 2ea. 7ft & 1ea. 6ft)	\$ 419
FS-6	9	6'	CATCH BASIN SPOON WITH ONE MALE X FEMALE QUICK CONNECT FIBERGLASS POLES	\$ 241
FS-12	9	12'	CATCH BASIN SPOON WITH 12' FIBERGLASS POLES (2 POLES)	\$ 318
FS-18	9	18'	CATCH BASIN SPOON WITH 18' FIBERGLASS POLES (2 POLES)	\$ 395
PS-6	9	6'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (ONE PIECE) - 6 FT OVERALL LENGTH	\$ 269
PS-8	9	8'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (ONE PIECE) - 8 FT OVERALL LENGTH	\$ 280

PS-102	9	10'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (TWO PIECE) - 10 FT OVERALL LENGTH	\$	317
PS-122	9	12'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (TWO PIECE) - 12 FT OVERALL LENGTH	\$	339
PS-162	9	16'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (TWO PIECE) - 16 FT OVERALL LENGTH	\$	371
PS-183	9	18'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (THREE PIECE) - 18 FT OVERALL LENGTH	\$	398
PS-203	9	20'	1.5" THICK ASH HANDLE AND CATCH BASIN SPOON (THREE PIECE) - 20 FT OVERALL LENGTH	\$	419
PS-60S	9	6'	WESTERN PADDLE SPOON WITH 1.5" THICK ASH HANDLE (ONE PIECE) - 6 FT OVERALL LENGTH	\$	269
PS-80S	9	8'	WESTERN PADDLE SPOON WITH 1.5" THICK ASH HANDLE (ONE PIECE) - 8 FT OVERALL LENGTH	\$	280
PS-1020S	9	10'	WESTERN PADDLE SPOON WITH 1.5" THICK ASH HANDLE (TWO PIECE) - 10 FT OVERALL LENGTH	\$	317
PS-1220S	9	12'	WESTERN PADDLE SPOON WITH 1.5" THICK ASH HANDLE (TWO PIECE) - 12 FT OVERALL LENGTH	\$	371
PS-1620S	9	16'	WESTERN PADDLE SPOON WITH 1.5" THICK ASH HANDLE (THREE PIECE) - 16 FT OVERALL LENGTH	\$	398
PS-1820S	9	18'	WESTERN PADDLE SPOON WITH 1.5" THICK ASH HANDLE (THREE PIECE) - 18 FT OVERALL LENGTH	\$	419
FPB-4	10		4 POLE BRACKET	\$	286
FPB-6	10		6 POLE BRACKET	\$	371
SDS-1	10		SINGLE SET OF POLE CARRIES	\$	145
SDS-2	10		DOUBLE SET OF POLE CARRIES	\$	210
STD-3	10	3'	SINGLE 3FT LONG QUICK CONNECT MALE X FEMALE FIBERGLASS POLE	\$	66
STD-6	10	6'	SINGLE 6FT LONG QUICK CONNECT MALE X FEMALE FIBERGLASS POLE	\$	77
STD-18	10	18'	SET OF 2ea. 6' QUICK CONNECT MALE X FEMALE POLE & 1ea. 6' FEMALE X RUBBER END	\$	220
STD-21	10	21'	SET OF 3ea. 6' QUICK CONNECT MALE X FEMALE POLE & 1ea. 3' MALE X FEMALE POLE	\$	282
STD-24	10	24'	SET OF 3ea. 6' QUICK CONNECT MALE X FEMALE POLE & 1ea. 6' FEMALE X RUBBER END	\$	295
STD-6R	10	6'	SINGLE 6' QUICK CONNECT POLE WITH FEMALE END X RUBBER END POLE	\$	77
STD-12R	10	12'	SINGLE 12' QUICK CONNECT POLE WITH FEMALE END X RUBBER END POLE	\$	184
EXT-3	10	6'-12'	QUICK CONNECT FIBERGLASS EXTENSION POLE 6'-12'	\$	195
EXT-1	10	8'-16'	QUICK CONNECT FIBERGLASS EXTENSION POLE 8'-16'	\$	218
EXT-2	10	8'-24'	QUICK CONNECT FIBERGLASS EXTENSION POLE 8'-24'	\$	296
STD-3ST	10	3'	<u>STEEL REINFORCED</u> SINGLE MALE X FEMALE POLE	\$	73
STD-6ST	10	6'	<u>STEEL REINFORCED</u> SINGLE MALE X FEMALE POLE	\$	129
STD-21ST	10	21'	<u>STEEL REINFORCED</u> SET OF 3ea. 6' MALE X FEMALE POLES & 1ea. 3' MALE X FEMALE POLE	\$	437
STD-24ST	10	24'	<u>STEEL REINFORCED</u> SET OF 3ea. 6' MALE X FEMALE POLES & 1ea. MALE X RUBBER END POLE	\$	490
FF-3	11	3'	SINGLE MALE X FEMALE POLE	\$	81

FF-6	11	6'	SINGLE MALE X FEMALE POLE	\$	135
FF-8	11	8'	SINGLE 8' MALE AND FEMALE	\$	218
FF-21	11	21'	SET OF 3ea. 6' AND 1ea. 3' MALE X FEMALE POLES	\$	462
FF-24	11	24'	SET OF 3 MALE X FEMALE POLES AND ONE RUBBER END POLE	\$	513
FF-6R	11	6'	SINGLE 6' FEMALE X RUBBER END POLE	\$	135
STD-3T	11	3'	SINGLE MALE X FEMALE POLE	\$	102
STD-6T	11	6'	SINGLE MALE X FEMALE POLE	\$	114
STD-18T	11	18'	SET OF 2 MALE X FEMALE POLES AND ONE END RUBBER POLE	\$	325
STD-21T	11	21'	SET OF 3ea. 6' AND 1ea. 3' MALE X FEMALE POLE	\$	422
STD-24T	11	24'	SET OF 3 MALE X FEMALE POLES AND ONE RUBBER END POLE	\$	433
STD-6RT	11	6'	SINGLE 6' MALE X RUBBER END POLE	\$	114
STD-12RT	11	12'	SINGLE 12' POLE WITH MALE END X RUBBER END	\$	231
STD-3STT	11	3'	3' LONG MALE X FEMALE <u>THREADED ENDS STEEL REINFORCED</u> FIBERGLASS POLES	\$	109
STD-6STT	11	6'	6' LONG MALE X FEMALE <u>THREADED ENDS STEEL REINFORCED</u> FIBERGLASS POLES	\$	161
STD-18STT	11	18'	SET OF <u>THREADED ENDS, STEEL REINFORCED</u> FIBERGLASS POLES. SET COMES WITH 2 EACH OF STD-6STT, AND ONE STD-6RSTT	\$	459
STD-21STT	11	21'	SET OF <u>THREADED ENDS, STEEL REINFORCED</u> FIBERGLASS POLES. SET COMES WITH 3 EACH OF STD-6STT, AND ONE STD-3STT	\$	562
STD-24STT	11	24'	SET OF <u>THREADED ENDS, STEEL REINFORCED</u> FIBERGLASS POLES. SET COMES WITH 3 EACH OF STD-6STT, AND ONE STD-6RSTT	\$	612
STD-6RSTT	11	6'	6' LONG, FEMALE THREADED ENDS X RUBBER END, STEEL REINFORCED FIBERGLASS POLES	\$	161
FF-3T	12	3'	3' LONG FOAM FILLED FIBERGLASS POLES. COMES WITH THREADED MALE X FEMALE ENDS	\$	118
FF-6T	12	6'	6' LONG FOAM FILLED FIBERGLASS POLES. COMES WITH THREADED MALE X FEMALE ENDS	\$	172
FF-21T	12	21'	SET OF THREADED ENDS, FOAM FILLED POLES. SET COMES WITH 3 EACH OF FF-6T AND 1 EACH OF FF-3T	\$	490
FF-24T	12	24'	SET OF THREADED ENDS, FOAM FILLED POLES. SET COMES WITH 4 EACH OF FF-6T AND 1 EACH OF FF-6RT	\$	592
FF-6RT	12	6'	6' LONG FOAM FILLED FIBERGLASS POLES. COMES WITH THREADED FEMALE X RUBBER END.	\$	172
AP-6	12	6'	ALUMINUM POLE QUICK ALUMINUM QUICK CONNECT, MALE X FEMALE, ENDS	\$	157
AP-12	12		SET OF ALUMINUM POLES. SET COMES WITH 2 EACH OF AP-6	\$	283
AP-18	12		SET OF ALUMINUM POLES. SET COMES WITH 3 EACH OF AP-6	\$	424
AP-24	12		SET OF ALUMINUM POLES. SET COMES WITH 4 EACH OF AP-6	\$	565
CTP-5	12	5' CUES® TYPE 5' POLE-PUSH	CUES® TYPE 5' POLE-PUSH BUTTON TYPE HOLLOW/ALUMINUM FEMALE END	\$	78

		BUTTON TYPE		
CTP-5FF	12	5' CUES® TYPE FOAM FILLED POLE - PUSH BUTTON TYPE	CUES® TYPE FOAM FILLED POLE - PUSH BUTTON TYPE ALUMINUM FEMALE END	\$ 116
CTP-5S	12	5' CUES® TYPE FOAM STANDARD POLE WITH STEEL FEMALE	CUES® TYPE FIBERGLASS STANDARD POLE	\$ 145
CTP-5FFS	12	5' CUES® TYPE FOAM FILLED POLE WITH FEMALE STEEL ENDS	CUES® TYPE FOAM FILLED POLE WITH FEMALE STEEL ENDS	\$ 187
SAMR-1	13		UPPER MANHOLE ROLLER GUIDE, 36 INCH LONG LENGTHS. MADE FROM ALUMINUM. COMES WITH NYLON ROLLER	\$ 258
SAMR-48	13		UPPER MANHOLE ROLLER GUIDE, 48 INCH LONG LENGTHS. MADE FROM ALUINUM. COMES WITH NYLON ROLLER	\$ 263
SASR-1	13		UPPER MANHOLE ROLLER GUIDE. MADE FROM STEEL. COMES WITH NYLON ROLLER	\$ 242
DPTR-1	13		UPPER MANHOLE "Y" ROLLER WITH ROOM FOR 8" SUCTION TUBE. OPENS UP IN THE MIDDLE FOR EXTRA ROOM.	\$ 269
SAMA-1	13		UPPER MANHOLE ROLLER GUIDE. MADE FROM ALUMINUM. COMES WITH ALUMINUM H.D. ROLLER	\$ 333
SJS-1	13		3 INCH DIAMETER X 36 INCHES OVERALL LENGTH TIGER TAIL HOSE	\$ 81
SJS-2	13		2 INCH DIAMETER X 36 INCHES OVERALL LENGTH TIGER TAIL HOSE	\$ 81
SJS-HD	13		3 INCH DIAMETER HEAVY DUTY TIGER TAIL HOSE GUIDE	\$ 274
SJ2-HD	13		2 INCH DIAMETER HEAVY DUTY TIGER TAIL HOSE GUIDE	\$ 262
ADJ-1	13		ADJUSTABLE TOP MANHOLE ROLLER. MADE FROM STEEL. COMES WITH NYLON ROLLER	\$ 403
SSC-24	13	24"	ANTI-SPLASH MANHOLE COVER MADE FROM ALUMINUM - FOR 24 INCH DIA. MANHOLE	\$ 602
SSC-36	13	36"	ANTI-SPLASH MANHOLE COVER MADE FROM ALUMINUM - FOR 36 INCH DIA. MANHOLE	\$ 672
STR-1	14		CORRUGATED PIPE ROLLER. MADE FROM STEEL. WOMES WITH 2 NYLON ROLLERS	\$ 414
GTT-7	14		ALUMINUM TIGER TAIL ROLLER GUIDE. COMES WITH 25FT OF NYLON ROPE	\$ 462
LCR-5	14		ALUMINUM LOWER CAMERA ROLLER	\$ 650
LCR-5C	14		ALUMINUM LOWER CAMERA ROLLER FOR CUES TYPE POLES	\$ 667
LCR-5T	14		ALUMINUM LOWER CAMERA ROLLER FOR THREADED TYPE POLES	\$ 667

SDA-2	14		ALUMINUM ARTICULATING ROLLER GUIDE	\$	891
729-A	14		STEEL COMPACT LOWER MANHOLE ROLLER. COMES WITH 4 POLYURATHANE ROLLERS	\$	414
SHDS-1	14		ALUMINUM LOWER MANHOLE ROLLER GUIDE SHOE W/ 4 NYLON ROLLERS - 3/4 THREADED CONNECTION	\$	485
SHDS-1ST	14		STEEL LOWER MANHOLE ROLLER GUIDE SHOE W/ 4 NYLON ROLLERS - 3/4 THREADED CONNECTION	\$	434
LMER-1	14		LOWER MANHOSE EASEMENT ROLLER FOR QUICK CONNECT POLES	\$	231
LMER-1C	14		LOWER MANHOSE EASEMENT ROLLER FOR CUES TYPE POLES	\$	247
LMER-1T	14		LOWER MANHOSE EASEMENT ROLLER FOR THREADED POLES	\$	247
SSR-5	14		STAKE ROLLER FOR HOSE TO GO AROUND BENDS	\$	421
HGR-1	14		HOSE GUIDE ROLLER GRABBER FOR QUICK CONNECT POLES	\$	333
HGR-1T	14		HOSE GUIDE ROLLER GRABBER FOR THREADED END POLES	\$	344
PR-1	14		DELIRIN REPLACEMENT ROLLER	\$	48
PR-1Y	14		YELLOW POLYURATHANE REPLACEMENT ROLLER	\$	48
PR-1-WB	14		DELIRIN REPLACEMENT ROLLER WITH HEAVY DUTY BEARING	\$	65
FE-1	14		3/4" NPT POLE ADAPTER TO QUICK CONNECT. FOR SEPTIC TOOLS TO BE USED WITH QUICK CONNECT POLES	\$	41
DMB-1	15		48 INCH LONG DROP MANHOLE BRIDGE FOR 8 INCH SEWER LINE. COMES WITH QUICK CONNECT POLE ADAPTER	\$	230
DMB-1S	15		48 INCH LONG DROP MANHOLE BRIDGE FOR 6 INCH SEWER LINE. COMES WITH QUICK CONNECT POLE ADAPTER	\$	230
DMB-2	15		60 INCH LONG DROP MANHOLE BRIDGE FOR 8 INCH SEWER LINE. COMES WITH QUICK CONNECT POLE ADAPTER	\$	237
DMB-3	15		48 INCH LONG DROP MANHOLE BRIDGE FOR 10 INCH SEWER LINE. COMES WITH QUICK CONNECT POLE ADAPTER	\$	272
DMB-4	15		48 INCH LONG DROP MANHOLE BRIDGE FOR 12 INCH SEWER LINE. COMES WITH QUICK CONNECT POLE ADAPTER	\$	296
DMB-1-24	15		DROP MANHOLE BRIDGE KIT. (Includes: Set of 24' Long Poles STD-24)	\$	511
DTH-6	15	8"	6 INCH DEEP TUBE HOLDER. USE TO LOWER TUBES INTO MANHOLE. FOR 36 INCH MANHOLE	\$	255
DTH-8	15	6"	8 INCH DEEP TUBE HOLDER. USE TO LOWER TUBES INTO MANHOLE. FOR 36 INCH MANHOLE	\$	267
DTH-50	15	8"	8 INCH DEEP TUBE HOLDER. EXTENDED ARM TO 50 INCHES OVERALL LENGTH	\$	323
DTH-60	15	8"	8 INCH DEEP TUBE HOLDER. EXTENDED ARM TO 60 INCHES OVERALL LENGTH	\$	323
BT-6	16	6"	6" Vac-Trap for 8" Flat Flange Vector Suction Tube	\$	358
BT-8	16	8"	8" Vac-Trap for 8" Flat Flange Vector Suction Tube	\$	380
BT-10	16	10"	10" Vac-Trap for 8" Flat Flange Vector Suction Tube	\$	391
BT-12	16	12"	12" Vac-Trap for 8" Flat Flange Vector Suction Tube	\$	418
BT-15	16	15"	15" Vac-Trap for 8" Flat Flange Vector Suction Tube	\$	461
BT-18	16	18"	18" Vac-Trap for 8" Flat Flange Vector Suction Tube	\$	523
BT-6S	16	6"	6" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers	\$	413
BT-8S	16	8"	8" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers	\$	432
BT-10S	16	10"	10" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers	\$	451

BT-12S	16	12"	12" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers	\$	538
BT-15S	16	15"	15" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers	\$	554
BT-18S	16	18"	18" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers	\$	666
BT-6-6	16	6"	6" Vac-Trap for 6" Flat Flange Vector Suction Tube	\$	358
BT-6S-6	16	6"	6" Vac-Trap for 6" Flat Flange Vector Suction Tube W/ Grit Covers	\$	413
BT-8-6	16	8"	8" Vac-Trap for 6" Flat Flange Vector Suction Tube	\$	380
BT-8S-6	16	8"	8" Vac-Trap for 6" Flat Flange Vector Suction Tube W/ Grit Covers	\$	432
BT-10-6	16	10"	10" Vac-Trap for 6" Flat Flange Vector Suction Tube	\$	391
BT-10S-6	16	10"	10" Vac-Trap for 6" Flat Flange Vector Suction Tube W/ Grit Covers	\$	451
BT-12-6	16	12"	12" Vac-Trap for 6" Flat Flange Vector Suction Tube	\$	418
BT-12S-6	16	12"	12" Vac-Trap for 6" Flat Flange Vector Suction Tube W/ Grit Covers	\$	538
BT-15-6	16	15"	15" Vac-Trap for 6" Flat Flange Vector Suction Tube	\$	461
BT-15S-6	16	10"	15" Vac-Trap for 6" Flat Flange Vector Suction Tube W/ Grit Covers	\$	554
BT-18-6	16	18"	18" Vac-Trap for 6" Flat Flange Vector Suction Tube	\$	523
BT-18S-6	16	18"	18" Vac-Trap for 6" Flat Flange Vector Suction Tube W/ Grit Covers	\$	666
BT-24	NOT IN CATALOG	24"	24" Vac-Trap for 8" Flat Flange Vector Suction Tube (NOT IN CATALOG)(WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	977
BT-24S	NOT IN CATALOG	24"	24" Vac-Trap for 8" Flat Flange Vector Suction Tube W/ Grit Covers (NOT IN CATALOG)(WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	1,110
CT-6	16	6"	6" Vac-Trap for 8" Camel Type Female End	\$	399
CT-8	16	8"	8" Vac-Trap for 8" Camel Type Female End	\$	418
CT-10	16	10"	10" Vac-Trap for 8" Camel Type Female End	\$	432
CT-12	16	12"	12" Vac-Trap for 8" Camel Type Female End	\$	526
CT-15	16	15"	15" Vac-Trap for 8" Camel Type Female End	\$	563
CT-18	16	18"	18" Vac-Trap for 8" Camel Type Female End	\$	682
CT-6S	16	6"	6" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	464
CT-8S	16	8"	8" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	484
CT-10S	16	10"	10" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	501
CT-12S	16	12"	12" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	593
CT-15S	16	15"	15" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	630
CT-18S	16	18"	18" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	684
CT-6-6	16	6"	6" Vac-Trap for 6" Camel Type Female End	\$	399
CT-6S-6	16	6"	6" Vac-Trap for 6" Camel Type Female End W/ Grit Cover	\$	464

CT-8-6	16	8"	8" Vac-Trap for 6" Camel Type Female End	\$	418
CT-8S-6	16	8"	8" Vac-Trap for 6" Camel Type Female End W/ Grit Cover	\$	484
CT-10-6	16	10"	10" Vac-Trap for 6" Camel Type Female End	\$	432
CT-10S-6	16	10"	10" Vac-Trap for 6" Camel Type Female End W/ Grit Cover	\$	501
CT-12-6	16	12"	12" Vac-Trap for 6" Camel Type Female End	\$	526
CT-12S-6	16	12"	12" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	593
CT-15-6	16	15"	15" Vac-Trap for 6" Camel Type Female End	\$	563
CT-15S-6	16	15"	15" Vac-Trap for 8" Camel Type Female End W/ Grit Cover	\$	630
CT-18-6	16	18"	18" Vac-Trap for 6" Camel Type Female End	\$	682
CT-18S-6	16	18"	18" Vac-Trap for 6" Camel Type Female End W/ Grit Cover	\$	684
CT-24	NOT IN CATALOG	24"	24" Vac-Trap for 8" Camel Type Female End (NOT IN CATALOG)(WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	788
CT-24S	NOT IN CATALOG	24"	24" Vac-Trap for 8" Camel Type Female End W/ Grit Cover (NOT IN CATALOG)(WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	827
JT-6	16	6"	6" Vac-Trap for 8" Vac-All Type Male End	\$	360
JT-8	16	8"	8" Vac-Trap for 8" Vac-All Type Male End	\$	380
JT-10	16	10"	10" Vac-Trap for 8" Vac-All Male End	\$	392
JT-12	16	12"	12" Vac-Trap for 8" Vac-All Male End	\$	484
JT-15	16	15"	15" Vac-Trap for 8" Vac-All Male End	\$	508
JT-18	16	18"	18" Vac-Trap for 8" Vac-All Male End	\$	559
JT-6S	16	6"	6" Vac-Trap (Grit) for 8" Vac-All Male End	\$	406
JT-8S	16	8"	8" Vac-Trap (Grit) for 8" Vac-All Male End	\$	424
JT-10S	16	10"	10" Vac-Trap (Grit) for 8" Vac-All Male End	\$	448
JT-12S	16	12"	12" Vac-Trap (Grit) for 8" Vac-All Male End	\$	472
JT-15S	16	15"	15" Vac-Trap (Grit) for 8" Vac-All Male End	\$	490
JT-18S	16	18"	18" Vac-Trap (Grit) for 8" Vac-All Male End	\$	584
JT-10-6	16	10"	10" Vac-Trap for 6" Vac-All Male End	\$	392
JT-10S-6	16	10"	10" Vac-Trap (Grit) for 6" Vac-All Male End	\$	448
JT-12-6	16	12"	12" Vac-Trap for 6" Vac-All Male End	\$	484
JT-12S-6	16	12"	12" Vac-Trap (Grit) for 6" Vac-All Male End	\$	472
JT-15-6	16	15"	15" Vac-Trap for 6" Vac-All Male End	\$	508
JT-15S-6	16	15"	15" Vac-Trap (Grit) for 6" Vac-All Male End	\$	490
JT-18-6	16	18"	18" Vac-Trap for 6" Vac-All Male End	\$	559
JT-18S-6	16	18"	18" Vac-Trap (Grit) for 6" Vac-All Maled End	\$	584

JT-6-6	16	6"	6" Vac-Trap for 6" Vac-All Type Male End	\$	360
JT-6S-6	16	6"	6" Vac-Trap (Grit) for 6" Vac-All Male End	\$	406
JT-8-6	16	8"	8" Vac-Trap for 6" Vac-All Type Male End	\$	380
JT-8S-6	16	8"	8" Vac-Trap (Grit) for 6" Vac-All Male End	\$	424
S16584	17		8 INCH VACTOR STYLE QUICK CLAMP, ADJUSTABLE TIANGLE HOOK AND TRIMLINE HANDLE	\$	52
S690-0073	17		6 INCH VAC-CON STYLE QUICK CLAMP, OPEN HOOK ADJUSTABLE AND TRIMLINE HANDLE	\$	46
S680-0015	17		8 INCH VAC-CON STYLE QUICK CLAMP, OPEN HOOK ADJUSTABLE AND TRIMLINE HANDLE	\$	61
S680-0015WLC	17		8 INCH VAC-CON STYLE QUICK CLAMP, OPEN HOOK ADJUSTABLE AND TRIMLINE HANDLE AND SAFETY PIN LOCKING DEVISE	\$	83
S42587	17		6 INCH BANDLOCK STYLE TUBE CLAMP	\$	44
S42588	17		8 INCH BANDLOCK STYLE TUBE CLAMP	\$	50
S42588WLC	17		8 INCH BANDLOCK STYLE TUBE CLAMP WITH SAFETY PIN LOCKING DEVISE WHICH PREVENTS LATCH FROM OPENING	\$	83
THV-8	17		8 INCH VACTO/VAC-CON TUBE WITH HOSE CLAMP	\$	132
V-8	17		8 INCH VACTO/VAC-CON TUBE CLAMP	\$	108
THC-8	17		8 INCH CAM/VAC-ALL TUBE HOSE CLAMP	\$	132
S16584WLC	NOT IN CATALOG		8" Vactor Style Quick Clamp (Trimline Handle) W/ Safety Pin & Chain	\$	85
S690-0073WLC	NOT IN CATALOG		6" Vac-Con Style Quick Clamp: Open Hook Adjustable and Trimline Handle W/ Safety Pin & Chain	\$	79
S42587WLC	NOT IN CATALOG		6" Bandlock Style Tube Clamp W/ Safety Chain & Pin	\$	77
HYH-6	17	6"	6 INCH HYDRO-VAC TUBE HOLDER WITH 2 HANDLES FOR 6 INCH TUBE	\$	220
HYH-8	17	8"	8 INCH HYDRO-VAC TUBE HOLDER WITH 2 HANDLES FOR 8 INCH TUBE	\$	242
HYH-6-VS	17	6"	6 INCH VACTOR STYLE HANDLE	\$	289
HYH-8-VS	17	8"	8 INCH VACTOR STYLE HANDLE	\$	314
HYH-8-WH	17	8"	8 INCH TUBE CLAMP VACTOR TYLE HANDLE WITH ADJUSTABLE HOOK TYPE	\$	314
HY-EX-8V4-3/4	18	8"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 8" Tube Size, 3/4" Hose, 4 Jets	\$	1,117
HY-EX-8V8-3/4	18	8"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 8" Tube Size, 3/4" Hose, 8 Jets	\$	1,150
HY-EX-8V10-3/4	18	8"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 8" Tube Size, 3/4" Hose, 10 Jets	\$	1,178
HY-EX-8V4-1	18	8"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 8" Tube Size, 1" Hose, 4 Jets	\$	1,111
HY-EX-8V8-1	18	8"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 8" Tube Size, 1" Hose, 8 Jets	\$	1,185
HY-EX-8V10-1	18	8"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 8" Tube Size, 1" Hose, 10 Jets	\$	1,196
HY-EX-6V4-3/4	NOT IN CATALOG	6"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 6" Tube Size, 3/4" Hose, 4 Jets	\$	1,117

HY-EX-6V8-3/4	NOT IN CATALOG	6"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 6" Tube Size, 3/4" Hose, 8 Jets	\$ 1,150
HY-EX-6V10-3/4	NOT IN CATALOG	6"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 6" Tube Size, 3/4" Hose, 10 Jets	\$ 1,178
HY-EX-6V4-1	NOT IN CATALOG	6"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 6" Tube Size, 1" Hose, 4 Jets	\$ 1,111
HY-EX-6V8-1	NOT IN CATALOG	6"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 6" Tube Size, 1" Hose, 8 Jets	\$ 1,185
HY-EX-6V10-1	NOT IN CATALOG	6"	Vactor/Vac-Con (Flat Flange) Hydro-Excavator: 6" Tube Size, 1" Hose, 10 Jets	\$ 1,196
HY-EX-8C4-3/4	18	8"	Camel Hydro-Excavator: 8" Tube Size, for 3/4" Hose, 4 Jets	\$ 1,062
HY-EX-8C8-3/4	18	8"	Camel Hydro-Excavator: 8" Tube Size, for 3/4" Hose, 8 Jets	\$ 1,117
HY-EX-8C10-3/4	18	8"	Camel Hydro-Excavator: 8" Tube Size, for 3/4" Hose, 10 Jets	\$ 1,144
HY-EX-8C4-1	18	8"	Camel Hydro-Excavator: 8" Tube Size, for 1" Hose, 4 Jets	\$ 1,063
HY-EX-8C8-1	18	8"	Camel Hydro-Excavator: 8" Tube Size, for 1" Hose, 8 Jets	\$ 1,128
HY-EX-8C10-1	18	8"	Camel Hydro-Excavator: 8" Tube Size, for 1" Hose, 10 Jets	\$ 1,150
HY-EX-6C4-3/4	NOT IN CATALOG	6"	Camel Hydro-Excavator: 6" Tube Size, 3/4" Hose, 4 Jets	\$ 1,062
HY-EX-6C8-3/4	NOT IN CATALOG	6"	Camel Hydro-Excavator: 6" Tube Size, 3/4" Hose, 8 Jets	\$ 1,117
HY-EX-6C10-3/4	NOT IN CATALOG	6"	Camel Hydro-Excavator: 6" Tube Size, 3/4" Hose, 10 Jets	\$ 1,144
HY-EX-6C4-1	NOT IN CATALOG	6"	Camel Hydro-Excavator: 6" Tube Size, 1" Hose, 4 Jets	\$ 1,063
HY-EX-6C8-1	NOT IN CATALOG	6"	Camel Hydro-Excavator: 6" Tube Size, 1" Hose, 8 Jets	\$ 1,128
HY-EX-6C10-1	NOT IN CATALOG	6"	Camel Hydro-Excavator: 6" Tube Size, 1" Hose, 10 Jets	\$ 1,150
HY-EX-8J4-3/4	18	8"	Vac-All Hydro-Excavator: 8" Tube Size, for 3/4" Hose, 4 Jets	\$ 1,062
HY-EX-8J8-3/4	18	8"	Vac-All Hydro-Excavator: 8" Tube Size, for 3/4" Hose, 8 Jets	\$ 1,117
HY-EX-8J10-3/4	18	8"	Vac-All Hydro-Excavator: 8" Tube Size, for 3/4" Hose, 10 Jets	\$ 1,144
HY-EX-8J4-1	18	8"	Vac-All Hydro-Excavator: 8" Tube Size, for 1" Hose, 4 Jets	\$ 1,063
HY-EX-8J8-1	18	8"	Vac-All Hydro-Excavator: 8" Tube Size, for 1" Hose, 8 Jets	\$ 1,128
HY-EX-8J10-1	18	8"	Vac-All Hydro-Excavator: 8" Tube Size, for 1" Hose, 10 Jets	\$ 1,150
HY-EX-6J4-3/4	NOT IN CATALOG	6"	Vac-All Hydro-Excavator: 6" Tube Size, 3/4" Hose, 4 Jets	\$ 1,062
HY-EX-6J8-3/4	NOT IN CATALOG	6"	Vac-All Hydro-Excavator: 6" Tube Size, 3/4" Hose, 8 Jets	\$ 1,117

HY-EX-6J10-3/4	NOT IN CATALOG	6"	Vac-All Hydro-Excavator: 6" Tube Size, 3/4" Hose, 10 Jets	\$ 1,144
HY-EX-6J4-1	NOT IN CATALOG	6"	Vac-All Hydro-Excavator: 6" Tube Size, 1" Hose, 4 Jets	\$ 1,063
HY-EX-6J8-1	NOT IN CATALOG	6"	Vac-All Hydro-Excavator: 6" Tube Size, 1" Hose, 8 Jets	\$ 1,128
HY-EX-6J10-1	NOT IN CATALOG	6"	Vac-All Hydro-Excavator: 6" Tube Size, 1" Hose, 10 Jets	\$ 1,150
8FFX6FH	18	8"	8 INCH FLAT FLANGE X 6 INCH FLEX HOSE ADAPTER	\$ 226
RCN8SS	18		8" X 5.5" Crown Nozzle Reducer 12" Long. Vactor	\$ 176
RCN8SSC	18		8" X 5.5" Crown Nozzle Reducer 12" Long. Camel female band lock x reduced crown	\$ 215
RCN8SSV	18		8" X 5.5" Crown Nozzle Reducer 12" Long. Vac-All male band lock x reduced crown	\$ 215
RCUFF8FF	18		Hydro Excavator Reducer Cuff 8" Flat Flange x 6" Kanaflex Cuff	\$ 336
RCUFF8CT	18		Hydro Excavator Reducer Cuff 8" Bandlock Female (Camel) x 6" Kanaflex Cuff	\$ 358
RCUFF8JT	18		Hydro Excavator Reducer Cuff 8" Bandlock Male (Vac-All) x 6" Kanaflex Cuff	\$ 358
SCUFF8	18		Hydro Excavator Straight Cuff 8" Flat Flange x 8" Kanaflex Cuff	\$ 347
CN908FF	18		8" Flange Short Radius 90° Elbow with Flat Flange x Crown Nozzle. All Alluminum	\$ 484
EL98FF	18		8" Flange Short Radius 90° Elbow with Flat Flange x Flat Flange. All Aluminum	\$ 396
EL458FF	18		8" Flange Short Radius 45° Elbow with Flat Flange x Flat Flange. All Aluminum	\$ 396
8FFX8BLF	19	8" X 8"	8" FLAT FLANGE X 8" FEMALE BANDLOCK COUPLER. CONNECTS YOUR FLAT FLANGE TUBES TO YOUR BAND LOCK MALE COUPLING. ZINC PLATED	\$ 237
8FFX8BLM	19	8" X 8"	8" FLAT FLANGE X 8" MALE BANDLOCK COUPLER. CONNECTS YOUR FLAT FLANGE TUBES TO YOUR BAND LOCK/CAMEL FEMALE COUPLING. ZINC PLATED	\$ 237
6FFX6BLF	19	6" X 6"	6" FLAT FLANGE X 6" FEMALE BANDLOCK COUPLER. CONNECTS YOUR FLAT FLANGE TUBES TO YOUR BAND LOCK MALE COUPLING. ZINC PLATED	\$ 226
6FFX6BLM	19	6" X 6"	6" FLAT FLANGE X 6" MALE BANDLOCK COUPLER. CONNECTS YOUR FLAT FLANGE TUBES TO YOUR BAND LOCK/CAMEL FEMALE COUPLING. ZINC PLATED	\$ 226
8FFX6FF	19	8" X 6"	8 INCH X 6 INCH FLAT FLANGE REDUCER COUPLING. ZIC PLATED. REDUCES YOUR 8 INCH FLAT FLANGE TUBES TO 6 INCH FLAT FLANGE TUBES	\$ 226
8FFX6NPT	19	8" X 6"	8 INCH FLAT FLANGE X 6 INCH NPT THREADED TRANSITION COUPLING	\$ 243
8BLFX4NPT	19	8" x 4"	6" BAND LOCK FEMALE X 4" MALE NPT THREAD	\$ 226
8FFX6BLF	19	8" X 6"	8 INCH FLAT FLANGE REDUCER TO 6 INCH BADLOCK FEMALE COUPLER	\$ 243
8FFX6BLM	19	8" X 6"	8 INCH FLAT FLANGE REDUCER TO 6 INCH BANDLOCK MALE COUPLER	\$ 243
8BLMX6BLM	NOT IN CATALOG	8" X 6"	8 INCH BAND LOCK MALE TO 6 INCH BANDLOCK MALE COUPLER	\$ 300
8BLMX6BLF	NOT IN CATALOG	8" X 6"	8 INCH BAND LOCK MALE TO 6 INCH BANDLOCK FEMALE COUPLER	\$ 300

8FFX8HA	19	8" X 8"	8 INCH FLAT FLANGE X 8 INCH HOSE ADAPTER	\$	193
6FFX6HA	19	6" X 6"	6 INCH FLAT FLANGE X 6 INCH HOSE ADAPTER	\$	193
8FFX6HA	19	8" X 6"	8 INCH FLAT FLANGE X 6 INCH HOSE ADAPTER	\$	204
8FFX44DD	19	8" x (4" X 2)	8 INCH FLAT FLANGE X DOUBLE 4 INCH HOSE CONNECTORS	\$	277
8FFX44ME	19	8" x (4" X 2)	8 INCH FLAT FLANGE X DOUBLE 4 INCH HOSE CONNECT WITH ONE 4 INCH THREADED NPT MALE END	\$	336
COW-U-8V	19	VARIES	8" FLAT FLANGE X DOUBLE 2" AND 3" MALE, FEMALE CAM-LOCK ENDS	\$	1,045
COW-U-8BLF	19	VARIES	8" MALE BANDLOCK X DOUBLE 2" AND 4" MALE, FEMALE CAM-LOCK ENDS	\$	1,078
COW-U-8BLM	19	VARIES	8" FEMALE BANDLOCK X DOUBLE 2" AND 4" MALE, FEMALE CAM-LOCK ENDS	\$	1,078
GPSS-4BL	20	4"	4 INCH SAFETY SHUTTER SUCTION NOZZLE	\$	1,210
GPSS-6BL	20	6"	8 INCH SAFETY SHUTTER SUCTION NOZZLE	\$	1,430
GP-TRI	20		TRI-POD FOR SAFETY SHUTTLE SUCTION NOZZLE	\$	182
GP-EXT	20		EXTENSION HANDLE FOR SAFETY SHUTTER NOZZLE	\$	113
GP-62	20		2 FT X 6 INCH EXTENSION TUBE FOR GPSS-6BL	\$	145
GP-63	20		3 FT X 6 INCH EXTENSION TUBE FOR GPSS-6BL	\$	216
GP-42	20		2 FT X 4 INCH EXTENSION TUBE FOR GPSS-6BL	\$	151
GP-43	20		3 FT X 4 INCH EXTENSION TUBE FOR GPSS-6BL	\$	173
GP-DB-4	20	4"	4 INCH DUCKBILL NOZZLE FOR SAFETY SHUTTER SUCTION NOZZLE	\$	308
GP-DB-6	20	6"	6 INCH DUCKBILL NOZZLE FOR SAFETY SHUTTER SUCTION NOZZLE	\$	330
GP-DB-FF8	NOT IN CATALOG	8"	8 INCH DUCKBILL NOZZLE FOR SAFETY SHUTTER SUCTION NOZZLE WITH 8 INCH FLAT FLANGE	\$	481
SST-6	20	6"	6 INCH SAND TRAP WITH ROPE 25'	\$	182
SST-8	20	8"	8 INCH SAND TRAP WITH ROPE 25'	\$	199
SST-10	20	10"	10 INCH SAND TRAP WITH ROPE 25'	\$	211
SST-12	20	12"	12 INCH SAND TRAP WITH ROPE 25'	\$	266
SST-15	20	15"	15 INCH SAND TRAP WITH ROPE 25'	\$	356
SST-18	20	18"	18 INCH SAND TRAP WITH ROPE 25'	\$	405
SST-20	20	20"	20 INCH SAND TRAP WITH ROPE 25'	\$	545
SHYM-1	21	1"	PUMA "HD" HIGHER DISPLACEMENT, 1 INCH HYDRAULIC ROOT CUTTER MOTOR	\$	1,295
SHYM-3/4	21	3/4"	PUMA "HD" HIGHER DISPLACEMENT, 3/4 INCH HYDRAULIC ROOT CUTTER MOTOR	\$	1,295
SHYK-1	21	1"	Puma - 1" Puma Root Cutter Kit Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10" and 12"; 1" Hub, Arbor Tool & Toolbox	\$	2,087

SHYK-3/4	21	3/4"	Puma - 3/4" Puma Root Cutter Kit Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10" and 12"; 1" Hub, Arbor Tool & Tool Box	\$ 2,087
SKP-1R	21		REPAIR KIT FOR PUMA MOTOR - INCLUDES SEALS, THRUST BEARING AND RACE. FOR 1 INCH AND 3/4" MOTORS	\$ 209
TNPM	21	1"	PUMA TAIL NOZZLE REPLACEMENT ONLY	\$ 342
GERP-1	21		GEROTOR FOR PUMA MOTOR. FOR 1 INCH AND 3/4" MOTORS	\$ 391
ATT-1	21	1"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$ 43
RSH-1A	21	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 1/8", SAWS	\$ 43
RSH-1B	21	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 3/16", SAWS	\$ 43
3BHC-1	23	1"	3 BLADE CHUCK FOR 1" RCM	\$ 150
SS-6	22	6"	6" EZ ROOT CUTTER SKID WITH 3 RAILS for SHYM (Puma HD) Motors	\$ 154
SS-8	22	8"	8" EZ ROOT CUTTER SKID WITH 3 RAILS for SHYM (Puma HD) Motors	\$ 157
SS-10	22	10"	10" EZ Root Cutter Skid (FINS ONLY) for SHYM (Puma HD) Motors	\$ 164
SS-12	22	12"	12" EZ Root Cutter Skid (FINS ONLY) for SHYM (Puma HD) Motors	\$ 172
SS-15	22	15"	15" EZ Root Cutter Skid (FINS ONLY) for SHYM (Puma HD) Motors	\$ 176
SS-18	22	18"	18" EZ ROOT CUTTER SKID WITH 3 RAILS for SHYM (Puma HD) Motors	\$ 230
SS-20	22	20"	20" EZ ROOT CUTTER SKID WITH 3 RAILS for SHYM (Puma HD) Motors	\$ 303
SS-22	22	22"	22" EZ ROOT CUTTER SKID WITH 3 RAILS for SHYM (Puma HD) Motors	\$ 363
SS-24	22	24"	24" EZ ROOT CUTTER SKID WITH RAILS for SHYM (Puma HD) Motors	\$ 399
S950-108	22		FRONT 4 BOLT SKID DONUT FOR PUMA (SHYMS) MOTORS	\$ 50
S950-109	22		REAR 2 BOLT SKID DONUT FOR PUMA (SHYMS) MOTORS	\$ 50
DTC-6-K-1	22		Hi-Torque 6" Tap Cutter Kit, includes, S906M-1 Motor, STSS-6 Skid DTC-6 Diamond, Tap Cutter, Tool Box, Turn Tool, Allen Wrench, Bolts.	\$ 3,200
DTC-8-K-1	22		Hi-Torque 8" Tap Cutter Kit, includes, S906M-1 Motor, STSS-8 Skid DTC-8 Diamond Tap Cutter, Tool Box, Turn Tool, Allen Wrench, Bolts.	\$ 3,700
DTC-6	22	6"	DIAMOND TAP CUTTER	\$ 1,498
DTC-8	22	8"	DIAMOND TAP CUTTER	\$ 2,033
DTC-10	22	10"	DIAMOND TAP CUTTER	\$ 2,568
DTC-12	22	12"	DIAMOND TAP CUTTER	\$ 2,889
DTC-15	22	15"	DIAMOND TAP CUTTER	\$ 3,424
CTS-6	22	6"	PVC TAP CUTTER	\$ 744
CTS-8	22	8"	PVC TAP CUTTER	\$ 1,155
CTS-10	22	10"	PVC TAP CUTTER	\$ 1,386
CTS-12	22	12"	PVC TAP CUTTER	\$ 1,921

CTS-15	22	15"	PVC TAP CUTTER	\$	2,135
CTS-18	22	18"	PVC TAP CUTTER	\$	2,402
ADC-6	22	6"	ARROW DIAMOND POINT CUTTER	\$	2,087
ADC-8	22	8"	ARROW DIAMOND POINT CUTTER	\$	3,205
ADC-10	22	10"	ARROW DIAMOND POINT CUTTER	\$	3,478
ADC-12	22	12"	ARROW DIAMOND POINT CUTTER	\$	4,013
ADC-15	22	15"	ARROW DIAMOND POINT CUTTER	\$	4,815
SV-1HD	22		H.D. 9 INCH SLUDGE HOE WITH 2 HOLES	\$	88
SV-2HD	22	15"	H.D. 15 INCH SLUDGE HOE WITH 3 HOLES	\$	94
SV-3HD	22	9"	H.D. 9 INCH SLUDGE SPUD	\$	83
SV-4HD	22	15"	H.D. 15 INCH SLUDGE SPUD	\$	94
SV-5HD	22	9"	H.D. 9 INCH CURVED SPUD	\$	88
SV-6HD	22	15"	H.D. 15 INCH CURVED SPUD	\$	99
SV-7HD	22	16"	H.D. 16 INCH TANK SCRAPER	\$	99
SV-8HD	22	12"	H.D. 12 INCH SLUDEGE RAKE WITH 2 HOLES AND TEETH	\$	105
FE-1	22	1"	ADAPTER TO CONNECT SEPTIC CLEANING TOOLS TO FIBERGLASS POLES	\$	39
SRRC-1H	23	1"	ROUND BODY "RED HOT" HEAVY DUTY BEARING HYDRAULIC ROOT SAW MOTOR. 1 INCH	\$	1,455
SRRC-3/4H	23	3/4"	ROUND BODY "RED HOT" HEAVY DUTY BEARING HYDRAULIC ROOT SAW MOTOR. 3/4 INCH	\$	1,455
SRRK-1H	23	1"	Round Body Super "Red Hot" Heavy Duty Bearing Hydraulic Root Cutter Kit - 1 INCH Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10", 12"; 1" Hub, Arbor Tool & Tool Box	\$	2,301
SRRK-3/4H	23	3/4"	Round Body Super "Red Hot" Heavy Duty Bearing Hydraulic Root Cutter Kit - 3/4 INCH Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10", 12"; 1" Hub, Arbor Tool & Tool Box	\$	2,301
SKP-1RH	23		REPAIR KIT FOR RED HOT MOTOR - INCLUDES SEALS, THRUST BEARING AND RACE. FOR 1 INCH AND 3/4" MOTORS	\$	209
TNPM	23	1"	SECA TAIL NOZZLE REPLACEMENT ONLY	\$	342
GERP-1	23		GEROTOR FOR PUMA MOTOR. FOR 1 INCH AND 3/4" MOTORS	\$	391
ATT-1	23	1"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$	43
RSH-1A	23	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 1/8", SAWS	\$	43
RSH-1B	23	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 3/16", SAWS	\$	43
3BHC-1	23	1"	3 BLADE CHUCK FOR 1" RCM	\$	150
SRRC-1P	24	1"	1 INCH ROUND BODY SUPER GREEN MEANIE 175 LBS. TORQUE MOTOR	\$	1,338
SRRC-3/4P	24	3/4"	3/4 INCH ROUND BODY SUPER GREEN MEANIE 175 LBS. TORQUE MOTOR	\$	1,338
SRRK-1	24	1"	Round Body Super Green Meanie Motor Kit - 1 INCH Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10", and 12"; 1" Hub, Arbor Tool & Toolbox	\$	2,242

SRRK-3/4	24	3/4"	Round Body Super Green Meanie Motor Kit - 3/4 INCH Kit Includes: \$ Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10", and 12"; 1" Hub, Arbor Tool & Toolbox	\$ 2,242
SKP-1R	24		REPAIR KIT FOR GREEN MEANIE MOTOR - INCLUDES SEALS, THRUST BEARING AND RACE. FOR 1 INCH AND 3/4" MOTORS	\$ 209
TNSM	24	1"	SECA TAIL NOZZLE REPLACEMENT ONLY	\$ 342
GERP-1	24		GEROTOR FOR PUMA MOTOR. FOR 1 INCH AND 3/4" MOTORS	\$ 391
ATT-1	24	1"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$ 43
RSH-1A	24	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 1/8", SAWS	\$ 43
RSH-1B	24	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 3/16", SAWS	\$ 43
3BHC-1	24	1"	3 BLADE CHUCK FOR 1" RCM	\$ 150
SRRK-1-4-15W	25	1"	Round Body Cutter Kit - 1 INCH Kit Includes: 4" and 6" Skids, One 8-10" Adj. Skid, One 12-15" Adj. Skid, Six HD Concave Root Saws, Sizes: 4-15", 1" Hub, Arbor Tool, & Toolbox	\$ 3,317
SRRK-3/4-4-15W	25	3/4"	Round Body Cutter Kit -3/4 INCH Kit Includes: 4" and 6" Skids, One 8-10" Adj. Skid, One 12-15" Adj. Skid, Six HD Concave Root Saws, Sizes: 4-15", 3/4" Hub, Arbor Tool & Toolbox	\$ 3,317
SKP-1R	25		REPAIR KIT FOR SUPER GREEN MACHINE MOTOR - INCLUDES SEALS, THRUST BEARING AND RACE. FOR 1 INCH AND 3/4" MOTORS	\$ 209
TNSM	25	1"	1" SECA TAIL NOZZLE REPLACEMENT ONLY	\$ 342
GERP-1	25		GEROTOR FOR PUMA MOTOR. FOR 1 INCH AND 3/4" MOTORS	\$ 391
ATT-1	25	1"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$ 43
RSH-1A	25	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 1/8", SAWS	\$ 43
RSH-1B	25	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 3/16", SAWS	\$ 43
RBS-4	25	4"	4" RING SET FOR ROUND BODY ROOT CUTTER	\$ 150
RBS-6	25	6"	6" SKID FOR ROUND BODY ROOT CUTTER	\$ 142
RBS-8	25	8"	8" SKID FOR ROUND BODY ROOT CUTTER	\$ 156
RBS-10	25	10"	SKID FOR ROUND BODY ROOT CUTTER	\$ 162
RBS-12	25	12"	SKID FOR ROUND BODY ROOT CUTTER	\$ 173
RBS-15	25	15"	SKID FOR ROUND BODY ROOT CUTTER	\$ 222
RBS-18	25	18"	SKID FOR ROUND BODY ROOT CUTTER	\$ 260
RBS-20	25	20"	SKID FOR ROUND BODY ROOT CUTTER	\$ 330
RBS-24	25	24"	SKID FOR ROUND BODY ROOT CUTTER	\$ 383
APS-1	25	8"-10"	ADJUSTABLE WHEELED SKID FOR ROUND BODY MOTORS ADJUSTS FROM 8" - 10"	\$ 395
APS-2	25	12"-15"	ADJUSTABLE WHEELED SKID FOR ROUND BODY MOTORS ADJUSTS FROM 12" - 15"	\$ 474
S906M-1	26	1"	HI-TORQUE HYDRAULIC ROOT CUTTER MOTOR FOR 1 INCH SEWER HOSE	\$ 1,496

S906M-3/4	26	3/4"	HI-TORQUE HYDRAULIC ROOT CUTTER MOTOR FOR 3/4 SEWER HOSE	\$	1,496
S906M-1.25	26	1-1/4"	HI-TORQUE HYDRAULIC ROOT CUTTER MOTOR FOR 1-1/4 SEWER HOSE	\$	1,496
S906K-1	26	1"	Hi-Torque - Hydraulic Root Cutter Kit - 1 INCH Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10" and 12"; 1" Hub, Arbor Tool, & Tool Box	\$	2,783
S906K-3/4	26	3/4"	Hi-Torque - Hydraulic Root Cutter Kit - 3/4 INCH Kit Includes: 4 Easy Skids, 4 H.D. Concave Root Saws, Sizes: 6", 8", 10" and 12"; 1" Hub, Arbor Tool, & Tool Box	\$	2,783
SK-1R	26		REPAIR KIT FOR HI TORQUE MOTOR	\$	209
TN906-1M	26		HIGH TORQUE TAIL NOZZLE REPLACEMENT ONLY	\$	342
GER-1-S906	26		GE-ROLLER FOR 906 AK MOTOR	\$	391
ATT-1	26	1"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$	43
RSH-1A	26	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 1/8", SAWS	\$	43
RSH-1B	26	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 3/16", SAWS	\$	43
3BHC-1	26	1"	3 BLADE CHUCK FOR 1" RCM	\$	150
S906M-1-AK	27	1"	HI-TORQUE ADVANCE KINETICS CORROSION RESISTANT MOTOR 1"	\$	1,969
S906M-3/4-AK	27	3/4"	HI-TORQUE ADVANCE KINETICS CORROSION RESISTANT MOTOR 3/4"	\$	1,969
S906M-1.25-AK	27	1-1/4"	HI-TORQUE ADVANCE KINETICS CORROSION RESISTANT MOTOR 1-1/4"	\$	2,205
S906M-1.50-AK	27	1-1/2"	HI-TORQUE ADVANCE KINETICS CORROSION RESISTANT MOTOR 1-1/2"	\$	2,321
SKP-906	27		REPAIR KIT FOR 906AK MOTOR	\$	209
TN906-1M	27		HIGH TORQUE TAIL NOZZLE REPLACEMENT ONLY	\$	342
GER-S906-AK	27		GE-ROLLER FOR 906 AK MOTOR	\$	391
ATT-1	27	1"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$	43
RSH-1A	27	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 1/8", SAWS	\$	43
RSH-1B	27	1"	ROOT SAW HUB FOR ROOT CUTTERS. TO BE USED WITH HEAVY DUTY, 3/16", SAWS	\$	43
STSS-6S	27	6"	6" SHAMROCK STYLE 2-PART SKIDS	\$	158
STSS-8S	27	8"	8" SHAMROCK STYLE 2-PART SKIDS	\$	168
STSS-10S	27	10"	10" SHAMROCK STYLE 2-PART SKIDS	\$	173
STSS-12S	27	12"	12" SHAMROCK STYLE 2-PART SKIDS	\$	179
STSS-15S	27	15"	15" SHAMROCK STYLE 2-PART SKIDS	\$	184
STSS-18S	27	18"	18" SHAMROCK STYLE 2-PART SKIDS	\$	215
STSS-20S	27	20"	20" SHAMROCK STYLE 2-PART SKIDS	\$	257
STSS-22S	27	22"	22" SHAMROCK STYLE 2-PART SKIDS	\$	315
STSS-24S	27	24"	24" SHAMROCK STYLE 2-PART SKIDS	\$	341
STSS-6	27	6"	6" EASY ROOT CUTTER SKID WITH 6 RAILS	\$	142

STSS-8	27	8"	8" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	145
STSS-10	27	10"	10" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	149
STSS-12	27	12"	12" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	152
STSS-15	27	15"	15" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	155
STSS-18	27	18"	18" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	210
STSS-20	27	20"	20" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	263
STSS-22	27	22"	20" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	294
STSS-24	27	24"	24" EASY ROOT CUTTER SKID WITH 3 RAILS	\$	362
STSS-30	NOT IN CATALOG	30"	30" EASY ROOT CUTTER SKID WITH 3 RAILS (NOT IN CATALOG)(WILL MAKE AS A CUSTOM ITEM) (Not returneable)	\$	551
S903M-1	28	1"	LATERAL ROOT CUTTER MOTOR FOR 1 INCH HOSE	\$	983
S903M-3/4	28	3/4"	LATERAL ROOT CUTTER MOTOR FOR 3/4 INCH HOSE	\$	983
S903M-1/2	28	1/2"	LATERAL ROOT CUTTER MOTOR FOR 1/2 INCH HOSE	\$	983
S903K-1/2	28	1/2"	Lateral Hydraulic Root Cutter Kit for 1/2" Sewer Hose. Designed for Lines 4" to 8"; includes saws and Skids for 4", 6" and 8", Arbor Turning Tool, Alen Wrench, Tool Box and Instructions	\$	1,575
S903K-3/4	28	3/4"	Lateral Hydraulic Root Cutter Kit for 3/4" Sewer Hose. Designed for Lines 4" to 8"; includes saws and Skids for 4", 6" and 8", Arbor Turning Tool, Alen Wrench, Tool Box and Instructions	\$	1,575
S903K-1	28	1"	Lateral Hydraulic Root Cutter Kit for 1" Sewer Hose. Designed for Lines 4" to 8"; includes saws and Skids for 4", 6" and 8", Arbor Turning Tool, Alen Wrench, Tool Box and Instructions	\$	1,575
SKP-903	28		REPAIR KIT FOR TIGER TOOTH MOTOR	\$	209
TN903M	28		TIGER TOOTH TAIL NOZZLE REPLACEMENT ONLY	\$	342
GERTT-1	28		GEROTOR FOR TIGER TAIL MOTOR	\$	407
RSH-5B	28	5/8"	5/8" HUB FOR HYDRAULIC ROOT CUTTER SAW FOR 1/8" SAW BLADE	\$	43
RSH-5C	28	5/8"	5/8" HUB FOR HYDRAULIC ROOT CUTTER SAW FOR 3/16 SAW BLADE	\$	43
3BHC-2	28	5/8"	3 BLADE CHUCK FOR 5/8" SHAFT ROOT CUTTER MOTOR	\$	150
LKS-3	28	3"	LATERAL ROOT CUTTER SKID RING SET FOR 3" PIPE	\$	79
LKS-4	28	4"	LATERAL ROOT CUTTER SKID FOR 4" PIPE	\$	88
LKS-6	28	6"	LATERAL ROOT CUTTER SKID FOR 6" PIPE	\$	107
LKS-8	28	8"	LATERAL ROOT CUTTER SKID FOR 8" PIPE	\$	121
RSH-1A	23,24,25,26,27		1" HUB FOR HYDRAULIC ROOT CUTTER STD. SAW 1/8"	\$	43
RSH-1B	23,24,25,26,27		1" HUB FOR HYDRAULIC ROOT CUTTER HD. SAW 3/16"	\$	43
RSH-5B	28		5/8" HUB FOR HYDRAULIC ROOT CUTTER SAW FOR 3/16 SAW BLADE	\$	43
RSH-5C	28		5/8" HUB FOR HYDRAULIC ROOT CUTTER SAW FOR 1/8 SAW BLADE	\$	43

CRS-3B	29	3"	3 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	132
CRS-4B	29	4"	4 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	147
CRS-6B	29	6"	6 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	162
CRS-8B	29	8"	8 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	177
CRS-10B	29	10"	10 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	215
CRS-12B	29	12"	12 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	249
CRS-15B	29	15"	15 INCH STANDARD (1/8") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	310
FRS-3B	29	3"	3 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	132
FRS-4B	29	4"	4 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	147
FRS-6B	29	6"	6 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	162
FRS-8B	29	8"	8 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	177
FRS-10B	29	10"	10 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	215
FRS-12B	29	12"	12 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	249
FRS-15B	29	15"	15 INCH STANDARD (1/8") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	310
HCRS-3B	29	3"	3 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	134
HCRS-4B	29	4"	4 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	151
HCRS-5B	29	5"	5 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	166
HCRS-6B	29	6"	6 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	182
HCRS-8B	29	8"	8 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	198
HCRS-10B	29	10"	10 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	224
HCRS-12B	29	12"	12 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	249
HCRS-15B	29	15"	15 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	320
HCRS-18B	29	18"	18 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	360
HCRS-20B	29	20"	20 INCH HD (3/16") CONCAVE ROOT SAW BLADE W/O ADAPTER ROD	\$	387
HFRS-3B	29	3"	3 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	134
HFRS-4B	29	4"	4 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	151
HFRS-5B	29	5"	5 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	166
HFRS-6B	29	6"	6 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	182
HFRS-8B	29	8"	8 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	198
HFRS-10B	29	10"	10 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	224
HFRS-12B	29	12"	12 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	249
HFRS-15B	29	15"	15 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	320
HFRS-18B	29	18"	18 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	360

HFRS-20B	29	20"	20 INCH HD (3/16") FLAT ROOT SAW BLADE W/O ADAPTER ROD	\$	387
SRS-4B	29	4"	SPIRAL ROOT SAW FOR 4" PIPE BLADE ONLY	\$	168
SRS-6B	29	6"	SPIRAL ROOT SAW FOR 6" PIPE BLADE ONLY	\$	246
SRS-8B	29	8"	SPIRAL ROOT SAW FOR 8" PIPE BLADE ONLY	\$	295
SRS-10B	29	10"	SPIRAL ROOT SAW FOR 10" PIPE BLADE ONLY	\$	313
SRS-12B	29	12"	SPIRAL ROOT SAW FOR 12" PIPE BLADE ONLY	\$	344
SRS-15B	29	15"	SPIRAL ROOT SAW FOR 15" PIPE BLADE ONLY	\$	361
H-CRS-7C	29	7"	7 INCH OVERLAP COLORADO WHITE SAW	\$	243
SCS-6	30	6"	6 INCH CARBIDE TIPPED CONCAVE ROOT SAW BLADE ONLY. 3/16" THICK	\$	285
SCS-8	30	8"	8 INCH CARBIDE TIPPED CONCAVE ROOT SAW BLADE ONLY. 3/16" THICK	\$	446
SCS-10	30	10"	10 INCH CARBIDE TIPPED CONCAVE ROOT SAW BLADE ONLY. 3/16" THICK	\$	534
SCS-12	30	12"	12 INCH CARBIDE TIPPED CONCAVE ROOT SAW BLADE ONLY. 3/16" THICK	\$	653
SCS-15	30	15"	15 INCH CARBIDE TIPPED CONCAVE ROOT SAW BLADE ONLY. 3/16" THICK	\$	846
SCFS-6	30	6"	6 INCH CARBIDE TIPPED FLAT ROOT SAW BLADE ONLY. 3/16" THICK	\$	385
SCFS-8	30	8"	8 INCH CARBIDE TIPPED FLAT ROOT SAW BLADE ONLY. 3/16" THICK	\$	446
SCFS-10	30	10"	10 INCH CARBIDE TIPPED FLAT ROOT SAW BLADE ONLY. 3/16" THICK	\$	531
SCFS-12	30	12"	12 INCH CARBIDE TIPPED FLAT ROOT SAW BLADE ONLY. 3/16" THICK	\$	653
SCFS-15	30	15"	15 INCH CARBIDE TIPPED FLAT ROOT SAW BLADE ONLY. 3/16" THICK	\$	846
SCS-6W	30	6"	CARBIDE TIPPED AND CARBIDE WRAPPED CONCAVE ROOT SAW	\$	463
SCS-8W	30	8"	CARBIDE TIPPED AND CARBIDE WRAPPED CONCAVE ROOT SAW	\$	593
SCS-10W	30	10"	CARBIDE TIPPED AND CARBIDE WRAPPED CONCAVE ROOT SAW	\$	703
SCS-12W	30	12"	CARBIDE TIPPED AND CARBIDE WRAPPED CONCAVE ROOT SAW	\$	795
SCS-15W	30	15"	CARBIDE TIPPED AND CARBIDE WRAPPED CONCAVE ROOT SAW	\$	938
SCFS-6W	30	6"	CARBIDE TIPPED AND CARBIDE WRAPPED FLAT ROOT SAW	\$	433
SCFS-8W	30	8"	CARBIDE TIPPED AND CARBIDE WRAPPED FLAT ROOT SAW	\$	543
SCFS-10W	30	10"	CARBIDE TIPPED AND CARBIDE WRAPPED FLAT ROOT SAW	\$	644
SCFS-12W	30	12"	CARBIDE TIPPED AND CARBIDE WRAPPED FLAT ROOT SAW	\$	729
SCFS-15W	30	15"	CARBIDE TIPPED AND CARBIDE WRAPPED FLAT ROOT SAW	\$	859
SCRS-12	30	12"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB	\$	500
SCRS-15	30	15"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB	\$	506

SCRS-18	30	18"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB	\$	594
SCRS-20	30	20"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB	\$	681
SCRS-22	30	22"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB	\$	794
SCRS-24	30	24"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB	\$	888
SFRS-12	30	12"	FLAT HD SAW WITH 3 SPOKES AND 1" HUB	\$	500
SFRS-15	30	15"	FLAT HD SAW WITH 3 SPOKES AND 1" HUB	\$	506
SFRS-18	30	18"	FLAT HD SAW WITH 3 SPOKES AND 1" HUB	\$	594
SFRS-20	30	20"	FLAT HD SAW WITH 3 SPOKES AND 1" HUB	\$	681
SFRS-22	30	22"	FLAT HD SAW WITH 3 SPOKES AND 1" HUB	\$	794
SFRS-24	30	24"	FLAT HD SAW WITH 3 SPOKES AND 1" HUB	\$	888
SCRS-12HD	30	12"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB, CARBIDE TIPPED	\$	919
SCRS-15HD	30	15"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB, CARBIDE TIPPED	\$	950
SCRS-18HD	30	18"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB, CARBIDE TIPPED	\$	1,038
SCRS-20HD	30	20"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB, CARBIDE TIPPED	\$	1,094
SCRS-22HD	30	22"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB, CARBIDE TIPPED	\$	1,194
SCRS-24HD	30	24"	CONCAVE HD SAW WITH 3 SPOKES AND 1" HUB, CARBIDE TIPPED	\$	1,313
SH-SAHW-12	30	12"	SHAM STYLE SEGMENTED SAW W/ SPOKES AND 1" WELDED HUB/SHAFT	\$	585
SH-SAHW-15	30	15"	SHAM STYLE SEGMENTED SAW W/ SPOKES AND 1" WELDED HUB/SHAFT	\$	624
SH-SAHW-18	30	18"	SHAM STYLE SEGMENTED SAW W/ SPOKES AND 1" WELDED HUB/SHAFT	\$	683
SH-SAHW-20	30	20"	SHAM STYLE SEGMENTED SAW W/ SPOKES AND 1" WELDED HUB/SHAFT	\$	767
SH-SAHW-22	30	22"	SHAM STYLE SEGMENTED SAW W/ SPOKES AND 1" WELDED HUB/SHAFT	\$	832
SH-SAHW-24	30	24"	SHAM STYLE SEGMENTED SAW W/ SPOKES AND 1" WELDED HUB/SHAFT	\$	923
SSE-1/2	31	1/2"	STRAIGHT STYLE LIGHTWEIGHT NOZZLE EXTENSION 1/2" X 13" LONG	\$	57
SSE-3/4	31	3/4"	STRAIGHT STYLE LIGHTWEIGHT NOZZLE EXTENSION 3/4" X 13" LONG	\$	58
SSE-1	31	1"	STRAIGHT STYLE LIGHTWEIGHT NOZZLE EXTENSION 1" X 13" LONG	\$	59
FE-41	31	4"	1" X 4" 4 FINNED NOZZLE EXTENSION	\$	83
FE-61	31	6"	1" X 6" 4 FINNED NOZZLE EXTENSION	\$	85
FE-81	31	8"	1" X 8" 4 FINNED NOZZLE EXTENSION	\$	87
FE-101	31	10"	1" X 10" 4 FINNED NOZZLE EXTENSION	\$	108
FE-121	31	12"	1" X 12" 4 FINNED NOZZLE EXTENSION	\$	145
FE-151	31	15"	1" X 15" 4 FINNED NOZZLE EXTENSION	\$	158

FE-434	31	4"	3/4" X 4" 4 FINNED NOZZLE EXTENSION	\$ 83
FE-634	31	6"	3/4" X 6" 4 FINNED NOZZLE EXTENSION	\$ 85
FE-834	31	8"	3/4" X 8" 4 FINNED NOZZLE EXTENSION	\$ 87
FE-1034	31	10"	3/4" X 10" 4 FINNED NOZZLE EXTENSION	\$ 108
FE-1234	31	12"	3/4" X 12" 4 FINNED NOZZLE EXTENSION	\$ 145
FE-412	31	4"	1/2" X 4" 4 FINNED NOZZLE EXTENSION	\$ 82
FE-612	31	6"	1/2" X 6" 4 FINNED NOZZLE EXTENSION	\$ 84
FE-812	31	8"	1/2" X 8" 4 FINNED NOZZLE EXTENSION	\$ 86
FE-1012	31	10"	1/2" X 10" 4 FINNED NOZZLE EXTENSION	\$ 106
FE-1212	31	12"	1/2" X 12" 4 FINNED NOZZLE EXTENSION	\$ 119
FE-61-6	31	6"	1" X 6" 6 FINNED, 3/16" THICK HEAVY DUTY EXTENSION	\$ 113
FE-81-6	31	8"	1" X 8" 6 FINNED, 3/16" THICK HEAVY DUTY EXTENSION	\$ 120
FE-101-6	31	10"	1" X 10" 6 FINNED, 3/16" THICK HEAVY DUTY EXTENSION	\$ 149
FE-121-6	31	12"	1" X 12" 6 FINNED, 3/16" THICK HEAVY DUTY EXTENSION	\$ 158
FE-151-6	31	15"	1" X 15" 6 FINNED, 3/16" THICK HEAVY DUTY EXTENSION	\$ 215
FE-181-6	31	18"	1" X 18" 6 FINNED, 3/16" THICK HEAVY DUTY EXTENSION	\$ 238
WNE-41	31	4"	1" X 4" 6 WIRE NOZZLE EXTENSION	\$ 91
WNE-61	31	6"	1" X 6" 6 WIRE NOZZLE EXTENSION	\$ 95
WNE-81	31	8"	1" X 8" 6 WIRE NOZZLE EXTENSION	\$ 99
WNE-101	31	10"	1" X 10" 6 WIRE NOZZLE EXTENSION	\$ 121
WNE-121	31	12"	1" X 12" 6 WIRE NOZZLE EXTENSION	\$ 142
WNE-151	31	15"	1" X 15" 6 WIRE NOZZLE EXTENSION	\$ 160
WNE-181	31	18"	1" X 18" 6 WIRE NOZZLE EXTENSION	\$ 173
WNE-201	31	20"	1" X 20" 6 WIRE NOZZLE EXTENSION	\$ 195
WNE-241	31	24"		\$ 214
WNE-434	31	4"	3/4" X 4" 6 WIRE NOZZLE EXTENSION	\$ 86
WNE-634	31	6"	3/4" X 6" 6 WIRE NOZZLE EXTENSION	\$ 91
WNE-834	31	8"	3/4" X 8" 6 WIRE NOZZLE EXTENSION	\$ 97
WNE-1034	31	10"	3/4" X 10" 6 WIRE NOZZLE EXTENSION	\$ 112
WNE-1234	31	12"	3/4" X 12" 6 WIRE NOZZLE EXTENSION	\$ 134
WNE-1534	31	15"	3/4" X 15" 6 WIRE NOZZLE EXTENSION	\$ 164

WNE-412	31	4"	½" X 4" 6 WIRE NOZZLE EXTENSION	\$ 91
WNE-612	31	6"	½" X 6" 6 WIRE NOZZLE EXTENSION	\$ 91
W4-1	31	4"	1" X 4" 4 WIRE NOZZLE EXTENSION	\$ 78
W6-1	31	6"	1" X 6" 4 WIRE NOZZLE EXTENSION	\$ 82
W8-1	31	8"	1" X 8" 4 WIRE NOZZLE EXTENSION	\$ 86
W10-1	31	10"	1" X 10" 4 WIRE NOZZLE EXTENSION	\$ 94
W12-1	31	12"	1" X 12" 4 WIRE NOZZLE EXTENSION	\$ 102
W4-34	31	4"	¾" X 4" 4 WIRE NOZZLE EXTENSION	\$ 78
W6-34	31	6"	¾" X 6" 4 WIRE NOZZLE EXTENSION	\$ 82
W8-34	31	8"	¾" X 8" 4 WIRE NOZZLE EXTENSION	\$ 86
W10-34	31	10"	¾" X 10" 4 WIRE NOZZLE EXTENSION	\$ 94
W12-34	31	12"	¾" X 12" 4 WIRE NOZZLE EXTENSION	\$ 102
W4-12	32	4"	1½" X 4" 4 WIRE NOZZLE EXTENSION	\$ 78
W6-12	32	6"	1½" X 6" 4 WIRE NOZZLE EXTENSION	\$ 82
W8-12	32	8"	1½" X 8" 4 WIRE NOZZLE EXTENSION	\$ 86
W10-12	32	10"	1½" X 10" 4 WIRE NOZZLE EXTENSION	\$ 90
NFL-41	32	4"	1" X 4" FOOTBALL NOZZLE EXTENSION	\$ 80
NFL-61	32	6"	1" X 6" FOOTBALL NOZZLE EXTENSION	\$ 86
NFL-81	32	8"	1" X 8" FOOTBALL NOZZLE EXTENSION	\$ 91
NFL-101	32	10"	1" X 10" FOOTBALL NOZZLE EXTENSION	\$ 96
NFL-121	32	12"	1" X 12" FOOTBALL NOZZLE EXTENSION	\$ 104
NFL-151	32	15"	1" X 15" FOOTBALL NOZZLE EXTENSION	\$ 134
NFL-434	32	4"	¾" X 4" FOOTBALL NOZZLE EXTENSION	\$ 78
NFL-634	32	6"	¾" X 6" FOOTBALL NOZZLE EXTENSION	\$ 85
NFL-834	32	8"	¾" X 8" FOOTBALL NOZZLE EXTENSION	\$ 90
NFL-1034	32	10"	¾" X 10" FOOTBALL NOZZLE EXTENSION	\$ 95
NFL-1234	32	12"	¾" X 12" FOOTBALL NOZZLE EXTENSION	\$ 102
NFL-412	32	4"	1½" X 4" FOOTBALL NOZZLE EXTENSION	\$ 77
NFL-612	32	6"	1½" X 6" FOOTBALL NOZZLE EXTENSION	\$ 84
NFL-812	32	8"	1½" X 8" FOOTBALL NOZZLE EXTENSION	\$ 90

NFL-1012	32	10"	1/2" X 10" FOOTBALL NOZZLE EXTENSION	\$	95
NFL-41SS	32	4"	4" FOOTBALL NOZZLE EXTENSION 8" LONG	\$	88
NFL-61SS	32	6"	6" FOOTBALL NOZZLE EXTENSION 8" LONG	\$	101
NFL-81SS	32	8"	8" FOOTBALL NOZZLE EXTENSION 8" LONG	\$	115
WE-61	32	6"	1" WHEELED NOZZLE EXTENSION FOR 6" AND UP	\$	101
WE-81	32	8"	1" WHEELED NOZZLE EXTENSION FOR 8" AND UP	\$	108
WE-101	32	10"	1" WHEELED NOZZLE EXTENSION FOR 10" AND UP	\$	125
WE-121	32	12"	1" WHEELED NOZZLE EXTENSION FOR 12" AND UP	\$	135
WE-151	32	15"	1" WHEELED NOZZLE EXTENSION FOR 15" AND UP	\$	158
WE-634	32	6"	3/4" WHEELED NOZZLE EXTENSION FOR 6" AND UP	\$	101
WE-834	32	8"	3/4" WHEELED NOZZLE EXTENSION FOR 8" AND UP	\$	108
WE-1034	32	10"	3/4" WHEELED NOZZLE EXTENSION FOR 10" AND UP	\$	125
WE-1234	32	12"	3/4" WHEELED NOZZLE EXTENSION FOR 12" AND UP	\$	135
WE-1534	32	15"	3/4" WHEELED NOZZLE EXTENSION FOR 15" AND UP	\$	18
TSE-1/2	32	8 lbs.	HEAVY DUTY TUBE STYLE NOZZLE EXTENSION 1/2"	\$	181
TSE-3/4	32	9 lbs.	HEAVY DUTY TUBE STYLE NOZZLE EXTENSION 3/4"	\$	195
TSE-1	32	10 lbs.	HEAVY DUTY TUBE STYLE NOZZLE EXTENSION 1"	\$	217
S-6	32	6"	SHORT PROOFER 6" O.D. X 1" (14" LONG)	\$	296
S-8	32	8"	SHORT PROOFER 8" O.D X 1" (17" LONG)	\$	307
S-10	32	10"	SHORT PROOFER 10" O.D X 1" (17" LONG)	\$	236
S-12	32	12"	SHORT PROOFER 12" O.D X 1" (19" LONG)	\$	338
S-15	32	15"	SHORT PROOFER 15" O.D X 1" (23" LONG)	\$	349
S-18	32	18"	SHORT PROOFER 18" O.D X 1" (23" LONG)	\$	367
S-20	32	20"	SHORT PROOFER 20" O.D X 1" (25" LONG)	\$	378
S-24	32	24"	SHORT PROOFER 24" O.D X 1" (25" LONG)	\$	402
L-6	32	6"	LONG PROOFER 6" O.D. X 1"	\$	348
L-8	32	8"	LONG PROOFER 8" O.D. X 1"	\$	354
L-10	32	10"	LONG PROOFER 10" O.D. X 1"	\$	373
L-12	32	12"	LONG PROOFER 12" O.D. X 1"	\$	378
L-15	32	15"	LONG PROOFER 15" O.D. X 1"	\$	432

L-18	32	18"	LONG PROOFER 18" O.D. X 1"	\$	456
L-20	32	20"	LONG PROOFER 20" O.D. X 1"	\$	467
L-24	32	24"	LONG PROOFER 24" O.D. X 1"	\$	473
AR-1-1	33	5/16"	ADAPTER ROD	\$	10
AR-1-2	33	3/8"	ADAPTER ROD	\$	13
AR-1-SS	33	5/16"	SUPER SHORT	\$	10
AR-1-2SS	33	3/8"	SUPER SHORT	\$	13
STR-1-1	33	5/16" X 36"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	17
STR-1-2	33	5/16" X 39"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	18
STR-1-3	33	5/16" X 48"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	19
STR-1-4	33	5/16" X 60"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	20
STR-1-5	33	5/16" X 72"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	24
STR-1-6	33	3/8" X 36"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	23
STR-1-7	33	3/8" X 39"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	25
STR-1-8	33	3/8" X 48"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	27
STR-1-9	33	3/8" X 60"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	29
STR-1-10	33	3/8" X 72"	PREMIUM SEWER ROD COMPLETE WITH COUPLING	\$	33
STB-1-1	33	5/16" X 36"	SEWER ROD COMPLETE WITH COUPLING	\$	16
STB-1-2	33	5/16" X 39"	SEWER ROD COMPLETE WITH COUPLING	\$	17
STB-1-3	33	5/16" X 48"	SEWER ROD COMPLETE WITH COUPLING	\$	18
STB-1-4	33	5/16" X 60"	SEWER ROD COMPLETE WITH COUPLING	\$	20
STB-1-5	33	5/16" X 72"	SEWER ROD COMPLETE WITH COUPLING	\$	23
STB-1-6	33	3/8" X 36"	SEWER ROD COMPLETE WITH COUPLING	\$	20
STB-1-7	33	3/8" X 39"	SEWER ROD COMPLETE WITH COUPLING	\$	23
STB-1-8	33	3/8" X 48"	SEWER ROD COMPLETE WITH COUPLING	\$	24
STB-1-9	33	3/8" X 60"	SEWER ROD COMPLETE WITH COUPLING	\$	27
STB-1-10	33	3/8" X 72"	SEWER ROD COMPLETE WITH COUPLING	\$	31
PIN	33		QUICK DISCONNECT TOOL FOR SPRING LOADED COUPLINGS	\$	21
P1-1	33	5/16"	PICK UP TOOL FOR SECTIONAL ROD	\$	34
P1-2	33	3/8"	PICK UP TOOL FOR SECTIONAL ROD	\$	41
P1-3	33		PICK UP TOOL FOR CONTINUOUS ROD	\$	53

B2-1	33	2"	SPEAR HEAD WITH 5/16" ADAPTER ROD AND COUPLING	\$	35
B2-2	33	2"	SPEAR HEAD WITH 3/8" ADAPTER ROD AND COUPLING	\$	11
B4-1	33	4"	SPEAR HEAD WITH 5/16" ADAPTER ROD AND COUPLING	\$	61
B4-2	33	4"	SPEAR HEAD WITH 3/8" ADAPTER ROD AND COUPLING	\$	66
T1-1	33	5/16"	ASSEMBLY WRENCH	\$	36
T1-2	33	3/8"	ASSEMBLY WRENCH	\$	37
T2-1	33	5/16"	ASSEMBLY TURNING HANDLE	\$	70
T2-2	33	3/8"	ASSEMBLY TURNING HANDLE	\$	74
T3-1	33	5/16"	PULL OUT TOOL	\$	43
T3-2	33	3/8"	PULL OUT TOOL	\$	44
T4-1	33	5/16"	PULL OUT & TWISTING HANDLE	\$	49
T4-2	33	3/8"	PULL OUT & TWISTING HANDLE	\$	49
T4-R	33	QUICK CONNECT	QUICK CONNECT PULL OUT & TWISTING HANDLE	\$	66
T5-1	33	5/16 & 3/8	BAR TURNING HANDLE FOR 5/16" AND 3/8"	\$	25
T8	34	Discontinued	ROUND ROD PULL-OUT FITS TOOLS 1/4" TO 3/8"		
T11	34	5/16"	ROD TURNING RATCHET SINGLE FOR 5/16" RODS	\$	205
T12	34	5/16"	ROD TURNING RATCHET ONE MAN DOUBLE	\$	284
T13	34	3/8"	ROD TURNING RATCHET SINGLE FOR 3/8" RODS	\$	215
T14	34	3/8"	ROD TURNING RATCHET ONE MAN DOUBLE	\$	309
T6-1	34	5/16"	LOOP SWIVEL TOOL	\$	39
T6-2	34	3/8"	LOOP SWIVEL TOOL	\$	49
T7-1	34	5/16"	SAND LEADER WITH ADAPTER ROD & COUPLING	\$	46
T7-2	34	3/8"	SAND LEADER WITH ADAPTER ROD & COUPLING	\$	50
T9-1	34	5/16"	BULLET TOOL WITH ADAPTER ROD	\$	30
T9-2	34	3/8"	BULLET TOOL WITH ADAPTER ROD	\$	41
T10-1	34	5/16"	PILOT BULLET TOOL WITH PULLOUT SWIVEL WITH ADAPTER ROD	\$	131
T10-2	34	3/8"	PILOT BULLET TOOL WITH PULLOUT SWIVEL WITH ADAPTER ROD	\$	142
T15-1	34	5/16"	"WINTERS" ROOT SAW COUPLING. COMBINE WITH ANY 2 ROOT SAW	\$	137
T15-2	34	3/8"	"WINTERS" ROOT SAW COUPLING. COMBINE WITH ANY 2 ROOT SAW	\$	145

F1-1	34	1-1/2"	USE WITH 5/16" ROD	\$	32
F1-2	34	1-1/2"	USE WITH 3/8" ROD	\$	45
F2-1	34	2"	USE WITH 5/16" ROD	\$	32
F2-2	34	2"	USE WITH 3/8" ROD	\$	45
F3-1	34	3"	USE WITH 5/16" ROD	\$	32
F3-2	34	3"	USE WITH 3/8" ROD	\$	45
F4-1	34	3-1/2"	USE WITH 5/16" ROD	\$	32
F4-2	34	3-1/2"	USE WITH 3/8" ROD	\$	45
F5-1	34	5"	USE WITH 5/16" ADAPTER ROD	\$	32
F5-2	34	5"	USE WITH 3/8" ROD	\$	45
F6-1	34	6"	USE WITH 5/16" ADAPTER ROD	\$	48
F6-2	34	6"	USE WITH 3/8" ROD	\$	53
FD3-1	34	3"	USE WITH 5/16" ROD	\$	126
FD3-2	34	3"	USE WITH 3/8" ROD	\$	135
FD4-1	34	4"	USE WITH 5/16" ROD	\$	133
FD4-2	34	4"	USE WITH 3/8" ROD	\$	151
FD6-1	34	6"	USE WITH 5/16" ROD	\$	154
FD6-2	34	6"	USE WITH 3/8" ROD	\$	166
G-3-1	34	3"	SAND CORKSCREW USE WITH 5/16" ROD	\$	75
G-3-2	34	3"	SAND CORKSCREW USE WITH 3/8" ROD	\$	86
A2-1	35	2"	2 INCH AUGER WITH 5/16" ADAPTER ROD	\$	78
A2-2	35	2"	2 INCH AUGER WITH 3/8" ADAPTER ROD	\$	87
A3-1	35	3"	3 INCH AUGER WITH 5/16" ADAPTER ROD	\$	80
A3-2	35	3"	3 INCH AUGER WITH 3/8" ADAPTER ROD	\$	88
A4-1	35	4"	4 INCH AUGER WITH 5/16" ADAPTER ROD	\$	103
A4-2	35	4"	4 INCH AUGER WITH 3/8" ADAPTER ROD	\$	106
A5-1	35	5"	5 INCH AUGER WITH 5/16" ADAPTER ROD	\$	142
A5-2	35	5"	5 INCH AUGER WITH 3/8" ADAPTER ROD	\$	151
A6-1	35	6"	6 INCH AUGER WITH 5/16" ADAPTER ROD	\$	188
A6-2	35	6"	6 INCH AUGER WITH 3/8" ADAPTER ROD	\$	195
A8-1	35	8"	8 INCH AUGER WITH 5/16" ADAPTER ROD	\$	242
A8-2	35	8"	8 INCH AUGER WITH 3/8" ADAPTER ROD	\$	253
A10-1	35	10"	10 INCH AUGER WITH 5/16" ADAPTER ROD	\$	301

A10-2	35	10"	10 INCH AUGER WITH 3/8" ADAPTER ROD	\$	312
E2-1	35	2"	2 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	149
E2-2	35	2"	2 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	158
E3-1	35	3"	3 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	156
E3-2	35	3"	3 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	158
E4-1	35	4"	4 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	161
E4-2	35	4"	4 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	173
E5-1	35	5"	5 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	171
E5-2	35	5"	5 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	180
E6-1	35	6"	6 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	194
E6-2	35	6"	6 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	204
E8-1	35	8"	8 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	207
E8-2	35	8"	8 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	237
E8-4	35	8" HD	8" HD SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	290
E8-5	35	8" HD	8" HD SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	298
E10-1	35	10"	10 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	333
E10-2	35	10"	10 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	344
E12-1	35	12"	12 INCH SQUARE BAR CORKSCREW WITH 5/16" ADAPTER ROD	\$	387
E12-2	35	12"	12 INCH SQUARE BAR CORKSCREW WITH 3/8" ADAPTER ROD	\$	403
CRS-3-1	35	3"	3 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	142
CRS-3-2	35	3"	3 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	151
CRS-4-1	35	4"	4 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	156
CRS-4-2	35	4"	4 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	167
CRS-5-1	35	5"	5 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	172
CRS-5-2	35	5"	5 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	180
CRS-6-1	35	6"	6 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	186
CRS-6-2	35	6"	6 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	194
CRS-8-1	35	8"	8 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	204
CRS-8-2	35	8"	8 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	214
CRS-10-1	35	10"	10 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	228
CRS-10-2	35	10"	10 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	237
CRS-12-1	35	12"	12 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	260
CRS-12-2	35	12"	12 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	269

CRS-15-1	35	15"	15 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	293
CRS-15-2	35	15"	15 INCH STANDARD (1/8") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	304
FRS-3-1	36	3"	3 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	142
FRS-3-2	36	3"	3 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	151
FRS-4-1	36	4"	4 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	156
FRS-4-2	36	4"	4 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	167
FRS-6-1	36	6"	6 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	186
FRS-6-2	36	6"	6 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	194
FRS-8-1	36	8"	8 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	204
FRS-8-2	36	8"	8 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	214
FRS-10-1	36	10"	10 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	228
FRS-10-2	36	10"	10 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	237
FRS-12-1	36	12"	12 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	260
FRS-12-2	36	12"	12 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	269
FRS-15-1	36	15"	15 INCH STANDARD (1/8") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	293
FRS-15-2	36	15"	15 INCH STANDARD (1/8") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	304
HCRS-3-1	36	3"	3 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	142
HCRS-3-2	36	3"	3 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	151
HCRS-4-1	36	4"	4 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	156
HCRS-4-2	36	4"	4 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	167
HCRS-5-1	36	5"	5 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	172
HCRS-5-2	36	5"	5 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	180
HCRS-6-1	36	6"	6 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	186
HCRS-6-2	36	6"	6 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	194
HCRS-8-1	36	8"	8 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	204
HCRS-8-2	36	8"	8 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	214
HCRS-10-1	36	10"	10 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	228
HCRS-10-2	36	10"	10 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	237
HCRS-12-1	36	12"	12 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	260
HCRS-12-2	36	12"	12 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	269
HCRS-15-1	36	15"	15 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	293
HCRS-15-2	36	15"	15 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	304
HCRS-18-1	36	18"	18 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	328

HCRS-18-2	36	18"	18 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	339
HCRS-20-1	36	20"	20 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 5/16" ADAPTER ROD	\$	382
HCRS-20-2	36	20"	20 INCH H.D. (3/16") CONCAVE ROOT SAW WITH 3/8" ADAPTER ROD	\$	393
HFRS-3-1	36	3"	3 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	142
HFRS-3-2	36	3"	3 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	151
HFRS-4-1	36	4"	4 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	156
HFRS-4-2	36	4"	4 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	167
HFRS-5-1	36	5"	5 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	172
HFRS-5-2	36	5"	5 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	180
HFRS-6-1	36	6"	6 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	186
HFRS-6-2	36	6"	6 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	194
HFRS-8-1	36	8"	8 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	204
HFRS-8-2	36	8"	8 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	214
HFRS-10-1	36	10"	10 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	228
HFRS-10-2	36	10"	8 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	237
HFRS-12-1	36	12"	9 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	260
HFRS-12-2	36	12"	9 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	269
HFRS-15-1	36	15"	10 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	293
HFRS-15-2	36	15"	10 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	304
HFRS-18-1	36	18"	18 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	328
HFRS-18-2	36	18"	18 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	339
HFRS-20-1	36	20"	12 INCH H.D. (3/16") FLAT ROOT SAW WITH 5/16" ADAPTER ROD	\$	382
HFRS-20-2	36	20"	12 INCH H.D. (3/16") FLAT ROOT SAW WITH 3/8" ADAPTER ROD	\$	393
D-4-1	37	4"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	290
D-4-2	37	4"	PORCUPINE TURN TYPE FOR 3/8 ROD	\$	296
D-6-1	37	6"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	439
D-6-2	37	6"	PORCUPINE TURN TYPE FOR 3/8" ROD	\$	444
D-8-1	37	8"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	575
D-8-2	37	8"	PORCUPINE TURN TYPE FOR 3/8" ROD	\$	581
D-10-1	37	10"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	629
D-10-2	37	10"	PORCUPINE TURN TYPE FOR 3/8" ROD	\$	634
D-12-1	37	12"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	726
D-12-2	37	12"	PORCUPINE TURN TYPE FOR 3/8" ROD	\$	731

D-15-1	37	15"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	955
D-15-2	37	15"	PORCUPINE TURN TYPE FOR 3/8" ROD	\$	960
D-18-1	37	18"	PORCUPINE TURN TYPE FOR 5/16" ROD	\$	1,247
D-18-2	37	18"	PORCUPINE TURN TYPE FOR 3/8" ROD	\$	1,252
pp-4	REFERENCE IN CATALOG	4"	PORCUPINE, PULL TYPE	\$	290
pp-6	REFERENCE IN CATALOG	6"	PORCUPINE, PULL TYPE	\$	439
pp-8	REFERENCE IN CATALOG	8"	PORCUPINE, PULL TYPE	\$	575
pp-10	REFERENCE IN CATALOG	10"	PORCUPINE, PULL TYPE	\$	629
pp-12	REFERENCE IN CATALOG	12"	PORCUPINE, PULL TYPE	\$	726
pp-15	REFERENCE IN CATALOG	15"	PORCUPINE, PULL TYPE	\$	955
pp-18	REFERENCE IN CATALOG	18"	PORCUPINE, PULL TYPE	\$	1,247
C-4-1	37	4"	STEEL SEWER BRUSH FOR 5/16" ROD	\$	151
C-4-2	37	4"	STEEL SEWER BRUSH FOR 3/8" ROD	\$	167
C-6-1	37	6"	STEEL SEWER BRUSH FOR 5/16" ROD	\$	161
C-6-2	37	6"	STEEL SEWER BRUSH FOR 3/8" ROD	\$	177
C-8-1	37	8"	STEEL SEWER BRUSH FOR 5/16" ROD	\$	172
C-8-2	37	8"	STEEL SEWER BRUSH FOR 3/8" ROD	\$	188
C-10-1	37	10"	STEEL SEWER BRUSH FOR 5/16" ROD	\$	215
C-10-2	37	10"	STEEL SEWER BRUSH FOR 3/8" ROD	\$	231
C-12-1	37	12"	STEEL SEWER BRUSH FOR 5/16" ROD	\$	290
C-12-2	37	12"	STEEL SEWER BRUSH FOR 3/8" ROD	\$	306
CH-1-1	37	5/16"	CHUCK WITH ADAPTER ROD	\$	164
CH-1-2	37	3/8"	CHUCK WITH ADAPTER ROD	\$	164
CH-1-3	37	0.375	CHUCK WITH SET SCREW CONNECTION	\$	164
CH-1-4	37	0.393	CHUCK WITH SET SCREW CONNECTION	\$	172
CH-1-5	37	0.415	CHUCK WITH SET SCREW CONNECTION	\$	172
CH-1-6	37	0.461	CHUCK WITH SET SCREW CONNECTION	\$	172
CB-4	37	4"	4 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	32
CB-6	37	6"	6 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	34

CB-8	37	8"	8 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	37
CB-10	37	10"	10 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	40
CB-12	37	12"	12 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	45
CB-15	37	15"	15 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	47
CB-18	37	18"	18 INCH SELECT CURVED BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	67
FB-4	37	4"	4 INCH SELECT FLAT BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	32
FB-6	37	6"	6 INCH SELECT FLAT BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	34
FB-8	37	8"	8 INCH SELECT FLAT BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	37
FB-10	37	10"	10 INCH SELECT FLAT BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	40
FB-12	37	12"	12 INCH SELECT FLAT BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	45
FB-15	37	15"	15 INCH SELECT FLAT BLADE FOR 3 BLADE CHUCK CUTTER - ONE BLADE	\$	47
FB-18	37	18"	ARBOR TURNING TOOL FOR ROOT CUTTER MOTOR	\$	67
SPD-3	38	3HP	3 HP POWER DRIVE WITH SPEED-CHUCK. SPECIFY FOR 5/16" OR 3/8"	\$	3,833
SPD-6.5	38	6.5 HP	6.5 HP POWER DRIVE WITH SPEED-CHUCK. SPECIFY FOR 5/16" OR 3/8"	\$	4,148
SPD-8	38	8 HP	8 HP POWER DRIVE WITH SPEED-CHUCK. SPECIFY FOR 5/16" OR 3/8"	\$	4,883
RR-1-1	38		ROD REEL MADE FROM 1/2" ROUND BAR. 500 FT. CAPACITY. CAN BE USED WITH EITHER TRIPOD STEEL OR TRAILER TYPE	\$	404
RR-1-2	38		ROD REEL STREET TYPE - STAND ONLY	\$	353
RR-1-3	38		ROD REEL TRAILER TYPE - STAND ONLY	\$	35
RR-1-4	38		LOWER MANHOLE RIDGID ROD GUIDE	\$	318
RR-1-5	38		FOOT JACK SUPPORT	\$	160
RR-1-6	38		BACK JACK SUPPORT	\$	173
RR-1-7	38		MANHOLE JACK SUPPORT	\$	226
RR-1-8	38		COMPLETE MANHOLE SET-UP KIT. COMES WITH: RR-1-4, RR-1-5, RR-1-6, AND RR-1-7	\$	1,019
H-10-1	38		CARRY ALL TRAILER	\$	5,093
H-11-1	38		STOP, TAIL & TURNING LIGHTS	\$	484
H-12-1	38		PINTLE RING HITCH	\$	147
H-13-1	38		ELECTIC BRAKES	\$	1,129
LW-7	39	7'	7 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$	693
LW-10	39	10'	10 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$	814
LW-15	39	15'	15 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$	903
LW-18	39	18'	18 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$	942

LW-20	39	20'	20 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$ 1,124
LW-22	39	22'	22 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$ 1,208
LW-24	39	24'	24 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$ 1,260
LW-25	39	25'	25 FT. LONG LIGHTWEIGHT HOSE GUIDE WITH FLEX-METALLIC LINER	\$ 1,271
HD-7	39	7'	7 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 709
HD-10	39	10'	10 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 893
HD-15	39	15'	15 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 1,076
HD-18	39	18'	18 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 1,129
HD-20	39	20'	20 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 1,260
HD-22	39	22'	22 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 1,195
HD-24	39	24'	24 ft. long Heavy Duty Hose Guide With Metallic Liner	\$ 1,286
HD-25	39	25'	25 ft long Heavy Duty Hose Guide With Metallic Liner	\$ 1,496
HDS-7	39	7'	7 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 885
HDS-10	39	10'	10 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 11,110
HDS-15	39	15'	15 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 1,365
HDS-18	39	18'	18 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 1,512
HDS-20	39	20'	20 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 1,628
HDS-22	39	22'	22 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 1,764
HDS-24	39	24'	24 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 1,827
HDS-25	39	25'	25 ft. Heavy Duty Hose Guide With Heavy Duty Steel Spring Liner	\$ 1,890
LW-15BF	39	15'	15 ft. Below Freezing Hose Guide With Flex-Metallic Liner	\$ 1,169
LW-18BF	39	18'	18 ft. Below Freezing Hose Guide With Flex-Metallic Liner	\$ 1,273
LW-20BF	39	20'	20 ft. Below Freezing Hose Guide With Flex-Metallic Liner	\$ 1,350
LW-22BF	39	22'	22 ft. Below Freezing Hose Guide With Flex-Metallic Liner	\$ 1,433
LW-24BF	39	24'	24 ft. Below Freezing Hose Guide With Flex-Metallic Liner	\$ 1,470
LW-25BF	39	25'	25 ft. Below Freezing Hose Guide With Flex-Metallic Liner	\$ 1,502
CAM-LOCK ENDS	39		2" heavy duty iron Cam-Lock fitting male end (No discount on this due to labor)	\$ 130
STEEL ENDS	39		ANY ABOVE HOSE CAN BE ORDERED WITH STEEL ENDS BY ADDING "SE" TO PART NUMBER (No discount on this due to labor)	\$ 160
HGB	39		HOSE GUIDE BELL	\$ 193
SPB	39		SINGLE PRONG BRACE WITH CHAIN AND ROPE	\$ 219

SPR	39		SINGLE PRONG BRACE WITH RING AND ROPE	\$	226
HGS	39		HOSE GUIDE STAND	\$	400
SME-1M	39		STEEL MALE END WITH STEEL 2 INCH CAMLOCK	\$	275
SME-1F	39		STEEL FEMALE END WITH STEEL 2 INCH CAMLOCK	\$	275
SME	39		STEEL MALE END FOR HEAVY DUTY GUIDE HOSE	\$	221
SFE	39		STEEL FEMALE FOR BELL FOR HOSE GUIDE BELL	\$	221
SCL-1	39		STEEL FEMALE X FEMALE STRAIGHT COUPLER	\$	82
SCL-2	39		SET OF CLAMPS FOR ATTACHED STEEL ENDS TO HOSE	\$	38
SCL-3	39		ALUMINUM BELL END FOR GUIDE HOSE	\$	149
SCL-4	39		ALUMINUM MALE END FOR GUIDE HOSE	\$	149
SCL-5	39		INSERT GUIDE	\$	25
SCL-6	39		BLUE LIGHTWEIGHT HOSE W/ FLEX-METALLIC LINER (PER FOOT)	\$	41
SCL-7	39		HEAVY DUTY HOSE W/ FLEX-METALLIC LINER (PER FOOT)	\$	53
SCL-8	39		FLEX-METALLIC LINER ONLY (PER FOOT)	\$	20
STC-1-2	40	0.375	.375 Continuous Rod	\$	1.66
STC-1-3	40	0.393	.393 Continuous Rod	\$	1.68
STC-1-5	40	0.461	.461 Continuous Rod	\$	1.92
CRTR-1	40		6 SPOKE HEAVY DUTY TRANSFER RACK	\$	1,995
SRK-1	40	0.375	0.375 Rod Bending Kit	\$	320
SRK-2	40	0.393	0.393 Rod Bending Kit	\$	320
SRK-4	40	0.461	0.461 Rod Bending Kit	\$	320
AC-1-1	40	0.375	Set screw type, to 3/8" COARSE RH THREAD	\$	31
AC-1-2	40	0.393	Set screw type, to 3/8" COARSE RH THREAD	\$	31
AC-1-4	40	0.461	Set screw type, to 3/8" COARSE RH THREAD	\$	31
AC-2-1	40	0.375	Fine LH thread Hook , to 5/16" COARSE RH THREAD	\$	31
AC-2-2	40	0.393	Fine LH thread Hook , to 5/16" COARSE RH THREAD	\$	31
AC-2-4	40	0.461	Fine LH thread Hook , to 5/16" COARSE RH THREAD	\$	31
AC-3-1	40	0.375	Set screw type, to 5/16" COARSE RH THREAD	\$	31
AC-3-2	40	0.393	Set screw type, to 5/16" COARSE RH THREAD	\$	31
AC-3-4	40	0.461	Set screw type, to 5/16" COARSE RH THREAD	\$	31
AC-4-1	40	0.375	Fine LH thread hook , to 3/8" COARSE RH THREAD	\$	31
AC-4-2	40	0.393	Fine LH thread hook , to 3/8" COARSE RH THREAD	\$	31
AC-4-4	40	0.461	Fine LH thread hook , to 3/8" COARSE RH THREAD	\$	31

AC-5-1	40	0.375	5/16 LH Fine Thread Hook to 3/8" COARSE RH THREAD	\$ 31
CN-1-1	40	5/16"	Course Thread Right Hand Nut	\$ 4
CN-1-2	40	5/16"	Fine Thread Left Hand Nut	\$ 4
CN-1-3	40	3/8"	Course Thread Right Hand Nut	\$ 4
CN-1-4	40	3/8"	Fine Thread Left Hand Nut	\$ 4
CN-1-5	40	0.375	Course Thread Right Hand Nut	\$ 4
CN-1-6	40	0.375	Fine Thread Left Hand Nut	\$ 4
CN-1-7	40	0.393	Course Thread Right Hand Nut	\$ 4
CN-1-8	40	0.393	Fine Thread Left Hand Nut	\$ 4
CN-1-11	40	0.461	Course Thread Right Hand Nut	\$ 4
CN-1-12	40	0.461	Fine Thread Left Hand Nut	\$ 4
CC-1-1	40	5/16"	5/16" SECTIONAL ROD COUPLING ONLY W/O RH OR LH NUTS	\$ 13
CC-1-2	40	3/8"	3/8" SECTIONAL ROD COUPLING ONLY W/O RH OR LH NUTS	\$ 16
CS-1-1	40	5/16"	To Be Used With Adapter Rods	\$ 14
CS-1-2	40	3/8"	To Be Used With Adapter Rods	\$ 18
CS-1-3	40	0.375	With Set Screw Connections	\$ 28
CS-1-4	40	0.393	With Set Screw Connections	\$ 28
CS-1-6	40	0.461	With Set Screw Connections	\$ 28
CS-1-7	40	0.375	With Hook Type Connection	\$ 28
CS-1-8	40	0.393	With Hook Type Connection	\$ 28
CS-1-10	40	0.461	With Hook Type Connection	\$ 28
CR1-1	40	5/16"	To Be Used With Adapter Rods	\$ 19
CR1-2	40	3/8"	To Be Used With Adapter Rods	\$ 21
CR1-3	40	0.375	With Set Screw Connections	\$ 28
CR1-4	40	0.393	With Set Screw Connections	\$ 28
CR1-6	40	0.461	With Set Screw Connections	\$ 28
CR1-7	40	0.375	With Hook Type Connection	\$ 28
CR1-8	40	0.393	With Hook Type Connection	\$ 28
CR1-10	40	0.461	With Hook Type Connection	\$ 28
QCP-1	40	5/16"	Quick Connect Female Coupling for 5/16" Rods	\$ 14
QCM-1	40	5/16"	Quick Connect Male Coupling for 5/16" Rods	\$ 14

QCF-2	40	1/4"	Quick Connect Female Coupling for 1/4" Rods	\$ 14
QCM-2	40	1/4"	Quick Connect Male Coupling for 1/4" Rods	\$ 14
CRHD-1	41	5/16"	To Be Used With Adapter Rods	\$ 20
CRHD-2	41	3/8"	To Be Used With Adapter Rods	\$ 22
CRHD-3	41	0.375	With Set Screw Connections	\$ 30
CRHD-4	41	0.393	With Set Screw Connections	\$ 30
CRHD-6	41	0.461	With Set Screw Connections	\$ 30
CRHD-7	41	0.375	With Hook Type Connection	\$ 30
CRHD-8	41	0.393	With Hook Type Connection	\$ 30
CRHD-9	41	0.415	With Hook Type Connection	\$ 30
CRHD-10	41	0.461	With Hook Type Connection	\$ 30
CA-1-1	41	5/16"	To Be Used With Adapter Rods	\$ 20
CA-1-2	41	3/8"	To Be Used With Adapter Rods	\$ 22
CA-1-3	41	0.375	With Set Screw Connections	\$ 30
CA-1-4	41	0.393	With Set Screw Connections	\$ 30
CA-1-6	41	0.461	With Set Screw Connections	\$ 30
CA-1-7	41	0.375	With Hook Type Connection	\$ 30
CA-1-8	41	0.393	With Hook Type Connection	\$ 30
CA-1-9	41	0.415	With Hook Type Connection	\$ 30
CA-1-10	41	0.461	With Hook Type Connection	\$ 30
CA-2-1	41	5/16"	To Be Used With Adapter Rods	\$ 20
CA-2-2	41	3/8"	To Be Used With Adapter Rods	\$ 22
CA-2-3	41	0.375	With Set Screw Connections	\$ 30
CA-2-4	41	0.393	With Set Screw Connections	\$ 30
CA-2-6	41	0.461	With Set Screw Connections	\$ 30
CA-2-7	41	0.375	With Hook Type Connection	\$ 30
CA-2-8	41	0.393	With Hook Type Connection	\$ 30
CA-2-9	41	0.415	With Hook Type Connection	\$ 30
CA-2-10	41	0.461	With Hook Type Connection	\$ 30
P5-13	41	1/4" X 6'	No. 5 PLUMBERS RODS. HEX COUPLING AND 1/4" X 6' LONG. SILVER CHROME COATED ROD	\$ 19
P5-1	41		FRAME ONLY MADE TO ACCOMMODATE 17-25 RODS	\$ 117
P5-2	41	2"	Round wire "COILED" Corkscrew Made From 1/4" Material with Hex Coupling Rod	\$ 79

P5-2M	41	2"	OD Round Wire "COILED" Corkscrew Made From 1/4" Material with Welded 5/16' Pigtail	\$	102
P5-3	41	3"	Double Rounded Wire "COILED" Corkscrew Made From 1/4" Material with Hex Coupling Rod	\$	111
P5-3M	41	3"	Double Round Wire "COILED" Corkscrew Made From 1/4" Material with Welded 5/16" Pigtail	\$	139
P5-4	41	4"	Round Wire "COILED" Corkscrew For Use with 1/4" Hex Coupling Rod	\$	86
P5-4M	41	4"	OD Round Wire "COILED" Corkscrew Made From 1/4" Material with Welded 5/16" Pigtail	\$	119
P5-5-2	41	2"	Root Cutter "COILED" Spade Blade Made from 1/4" Material with Hex Coupling Rod	\$	143
P5-5-2M	41	2"	Root Cutter "COILED" Spade Blade Made from 1/4" Material with Welded 5/16" Pigtail	\$	120
P5-5-3	41	3"	ROOT CUTTER WITH SPADE BLADE	\$	149
P-5-5-3M	41	3"	Root Cutter "COILED" Spade Blade Made from 1/4" Material With Welded 5/16" Pigtail	\$	149
P5-5-4	41	4"	ROOT CUTTER WITH SPADE BLADE	\$	139
P5-5-4M	41	4"	Root Cutter "COILED" Spade Blade Made from 1/4" Material With Welded 5/16" Pigtail	\$	158
P5-6	41	2"	2" SPEAR HEAD "COILED" FOR USE WITH ¼" HEX COUPLING RODS	\$	149
P5-6M	41	2	2" OD Round Wire Coiled Corkscrew Made From 1/4" Material With Welded 5/16' Pigtail	\$	119
P5-7	41		PICK-UP TOOL WITH COILED PIG TAIL - 1/4" Hex Coupling Rod	\$	77
P5-7M	41		PICK-UP TOOL WITH COILED PIG TAIL - 5/16" Welded City Coupling Rod	\$	103
P5-8	41		ASSEMBLY TOOL FOR NO. 5 RODS	\$	59
P5-9	41		ELECTRIC DRILL ADAPTER	\$	78
P5-10	41		PULL OUT TURNING HANDLE	\$	80
P5-SET	41		COMPLE NO. 5 SET, COMPRISED OF: 17 EACH OF P5-1, ONE OF P5-1, ONE OF P5-2, ONE P5-3, ONE P5-4, ONE P5-5-3, OF P5-6, ONE P5-7, ONE P5-8, ONE P5-9 AND ONE P5-10	\$	1,183
PB-1	42	¼" X 6'	“B” ROD COMPLETE (ROUND COUPLING)	\$	20
PB-2	42		PICK UP TOOL	\$	68
PB-3	42	4"	CORKSCREW	\$	62
PB-4	42	2"	CORKSCREW	\$	62
PB-5-3	42	3"	ROOT CUTTER	\$	116
PB-5-4	42	4"	ROOT CUTTER	\$	119
PB-5-2	42	2"	ROOT CUTTER	\$	114
PB-6	42	2"	SPEAR HEAD	\$	46
PB-7	42		ASSEMBLY TOOL	\$	46
PB-8	42		TURNING HANDLE	\$	68
PB-9	42	4"	TAPERED CORSKCREW (NOT IN SET)	\$	110
PB-10	42	2"	TAPERED CORSKCREW (NOT IN SET)	\$	110
PB-SET	42		COMPLE "B" PLUMBER SET	\$	1,049
SSU-1	42		1" O.D. OF ¼" WIRE X 12" LONG WITH RH X LH 5/16" NUTS	\$	99

SSU-2	42		UNIVERSAL SPRINGS 1.25" DIA X 12" LONG WITH 5/16" LHXRH	\$	132
SSCR-3	42		1" X 3' COILED ROD WITH RH X LH 5/16" NUTS	\$	160
SCR-25	42		1" X 25' COILED ROD WITH 5/16" PIGS TAILS EACH SIDE	\$	578
SCR-3A	42		1" X 3' COILED ROD WITH AUGER COUPLING X 5/16" PIG	\$	201
PF-7-O	42		1" X 25' COILED ROD 1/4" PLUMBER TOOL MALE X FEMALE	\$	278
PF-20M	42		1" X 3' LONG COILED ROD WITH 3" ROOT SAW X 5/16"	\$	277
PF-21M	42		1" X 3' LONG COILED ROD WITH 4" ROOT SAW X 5/16"	\$	310
PF-22M	42		1" X 3' LONG COILED ROD WITH 6" ROOT SAW X 5/16"	\$	337
PF-8	42		1" FEMALE COILED ROD COUPLER	\$	26
PF-9	42		1" MALE COILED ROD COUPLER	\$	26
BHK-1-2	42	1"	1 INCH 2-WAY BALL VALVE 5,000 PSI	\$	165
BHK-3/4-2	42	3/4"	3/4 INCH 2-WAY BALL VALVE 5,000 PSI	\$	126
BHK-11/4-2	42	1 1/4"	1-1/4 INCH 2-WAY BALL VALVE 5,000 PSI	\$	192
BHK-1-3	42	1"	1 INCH 3-WAY BALL VALVE 5,000 PSI	\$	247
BHK-3/4-3	42	3/4"	3/4 INCH 3-WAY BALL VALVE 5,000 PSI	\$	247
SSE-1E	42	1"	90° 1 INCH SWIVEL ****DISCONTINUED UNTIL FURTHER NOTICE****	\$	374
SSE-12E	42	1-1/4"	90° 1-1/4 INCH SWIVEL ****DISCONTINUED UNTIL FURTHER NOTICE****	\$	374
SSE-34E	42	3/4"	90° 3/4 INCH SWIVEL ****DISCONTINUED UNTIL FURTHER NOTICE****	\$	374
SSE-34-1-RKIT	43		INCLUDES SEALS, BEARINGS AND BACK-UP RING for 3/4" or 1" Swivel	\$	95
SSE-125-RKIT	43		INCLUDES SEALS, BEARINGS AND BACK-UP RING for 1 1/4" Swivel	\$	95
POOK	43		DOUBLE SIDED PICK AND MANHOLE HOOK	\$	254
MSRH-1	43		MANHOLE HOOK, 9/16" HARDENED STEEL TRIANGLE HANDLE, 39" LONG, 90 DEGREE	\$	147
MSRH-2	43		MANHOLE HOOK, 9/16" HARDENED STEEL TRIANGLE HANDLE, 27" LONG, FLAT	\$	147
MSRH-3	43		MANHOLE HOOK, 9/16" HARDENED STEEL TRIANGLE HANDLE, 39" LONG, FLAT	\$	147
MSRH-4	43		MANHOLE HOOK, 9/16" HARDENED STEEL TRIANGLE HANDLE, 39" LONG, FLAT 90 DEGREE	\$	147
MSRT-1	43		9/16" HARDENED STEEL "T" HANDLE MANHOLE HOOK, 39" LONG WITH RADIUS	\$	158
M-730	43		POLE SUPPORT BRACKET WITH WINGED HINGE	\$	213
MVBL-1	43		MAGNETIC VALVE BOX LIFTER	\$	168
ING-SS-1	43	1"	1 INCH INSERT GUIDE	\$	1,080
ING-SS-3/4	43	3/4"	3/4 INCH INSERT GUIDE	\$	1,080

ING-SS-24K	43	1"	1 INCH INSERT GUIDE KIT. COME WITH ING-SS-1 AND STD-24, 24 FT OF FIBERGLASS POLES	\$	1,329
ING-SS-24K-3/4	43	3/4"	3/4 INCH INSERT GUIDE KIT. COME WITH ING-SS-1 AND STD-24, 24 FT OF FIBERGLASS POLES	\$	1,329
MPR-75	44	19" TO 22"	MANHOLE PROTECTION RING (THIS IS YOUR NET PRICE)	\$	273
MPR-100	44	24" TO 27"	MANHOLE PROTECTION RING (THIS IS YOUR NET PRICE)	\$	273
MPR-125	44	30" TO 34"	MANHOLE PROTECTION RING (THIS IS YOUR NET PRICE)	\$	305
CO-2436A	44	24" TO 36"	PLEXY-PROTECTION GRILL FOR JETTING AND VACUUMING. FOR 24"-36" WITH ALUMINUM ROLLER	\$	1,755
CO-2436N	44	24" TO 36"	PLEXY-PROTECTION GRILL FOR JETTING AND VACUUMING. FOR 24"-36" WITH NYLON ROLLER	\$	1,720
CO-24A	44	24"	24" PLEXY-PROTECTION GRILL FOR JETTING ONLY WITH ALUMINUM ROLLER	\$	968
CO-24N	44	24"	24" PLEXY-PROTECTION GRILL FOR JETTING ONLY WITH NYLON ROLLER	\$	963
SMR-28A	45	20"-26"	ALUMINUM ROLLER GRILL WITH ALUMINUM ROLLER	\$	814
SMR-28N	45	20"-26"	ALUMINUM ROLLER GRILL WITH NYLON ROLLER	\$	809
SMR-36A	45	26"-34"	ALUMINUM ROLLER GRILL WITH ALUMINUM ROLLER	\$	1,221
SMR-36N	45	26"-34"	ALUMINUM ROLLER GRILL WITH NYLON ROLLER	\$	1,210
MBL-61	45	6"	LIFTER WITH 6" FLAT FLANGE 'VACTOR - VAC-CON'	\$	670
MBL-81	45	8"	LIFTER WITH 8" FLAT FLANGE 'VACTOR - VAC-CON'	\$	680
MHL-61	45	6"	FLAT FLANGE LIFTER 'VACTOR - VAC-CON' W/O MAGNET	\$	324
MHL-81	45	8"	FLAT FLANGE LIFTER 'VACTOR - VAC-CON' W/O MAGNET	\$	324
AMHL-HH	45		ALUNIMUM MANHOLE LIFTER With 1100 lbs. Capacity Magnetic Lifter Included	\$	1,425
GB-10	NOT IN CATALOG	10"	GREASE BUCKET WITH SQUICK CONNECT POLE ADAPTER 10" DIA.	\$	407
GB-12	NOT IN CATALOG	12"	GREASE BUCKET WITH SQUICK CONNECT POLE ADAPTER 12" DIA.	\$	422
GB-14	NOT IN CATALOG	14"	GREASE BUCKET WITH SQUICK CONNECT POLE ADAPTER 14" DIA.	\$	489
GB-15	NOT IN CATALOG	15"	GREASE BUCKET WITH SQUICK CONNECT POLE ADAPTER 15" DIA.	\$	510

USB-USA Pricing 2022

P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
1011	12 Jet Monster Bagger-Max 3D	1 1/4" - 1 1/2"	32" - 165"	\$ 13,995.00
1012	12 Jet Bagger-Max 3D	1 1/4"	32" - 120"	\$ 7,001.00
1013	10 Jet Bagger-Max 3D	1 1/4"	24" - 72"	\$ 6,230.00
1015	8 Jet Bagger-Max 3D	1"	15" - 48"	\$ 4,415.00
1017	6 Jet Bagger-Max 3D	1"	10" - 30"	\$ 3,583.00
1018	6 Jet Bagger-Max 3D	3/4"	10" - 30"	\$ 3,083.00
1030	Speed-Power	1 1/4"	15" - 60"	\$ 6,251.00
1035	Speed-Power	1 1/4"	12" - 40"	\$ 5,137.00
1038	Speed-Power	1"	10" - 32"	\$ 3,750.00
1052	3D Cleaning Nozzle	1"	8" - 24"	\$ 1,101.00
1055	3D Cleaning Nozzle	1"	8" - 24"	\$ 1,068.00
1060	3D Cleaning Nozzle	1"	6" - 15"	\$ 964.00
1063	3D Cleaning Nozzle	3/4"	6" - 10"	\$ 926.00
1070	3D Cleaning Nozzle	3/4"	6" - 10"	\$ 761.00
1062	3D Cleaning Nozzle	1/2"	4" - 8"	\$ 572.00
1071	3D Cleaning Nozzle	1/2"	4" - 8"	\$ 463.00
1075	3D Cleaning Nozzle	1/2"	4" - 8"	\$ 403.00
1081	Egg Nozzle 3D	1"	6" - 12"	\$ 876.00
1082	Egg Nozzle 3D	3/4"	6" - 10"	\$ 550.00
1083	Egg Nozzle 3D	1/2"	4" - 8"	\$ 403.00
1084	Egg Nozzle 3D	3/8"	4" - 6"	\$ 278.00
1085	Egg Nozzle 3D	1/4"	2" - 4"	\$ 191.00
1086	Egg Nozzle	1/8"	2" - 4"	\$ 94.00
1087	Egg Nozzle	1/8"	2" - 4"	\$ 94.00
1112	Radi 70° 3D Nozzle	1"	10" - 32"	\$ 1,411.00
1114	Radi 70° 3D Nozzle	1"	6" - 24"	\$ 1,212.00
1115	Radi 70° 3D Nozzle	3/4"	6" - 12"	\$ 1,047.00
1117	Radi 70° 3D Nozzle	1/2"	4" - 8"	\$ 546.00
1120	Small Rocket Nozzle 3D	1"	6" - 15"	\$ 964.00
1120AL	Aluminum Rocket Nozzle 3D	1"	6" - 15"	\$ 495.00
1121	Small Rocket Nozzle 3D	1"	6" - 24"	\$ 1,068.00
1120.75AL	Aluminum Rocket Nozzle 3D	3/4"	6" - 12"	\$ 495.00
1126	Small Rocket Nozzle 3D	3/4"	6" - 12"	\$ 761.00
1128	Small Rocket Nozzle 3D	1/2"	4" - 8"	\$ 403.00
1136	3D Extreme Nozzle	1"	6" - 15"	\$ 888.00
1136.75	3D Extreme Nozzle	3/4"	6" - 15"	\$ 888.00
1140	Digger Nozzle	1/2"	2" - 8"	\$ 259.00
1142	Digger Nozzle	1/4"	Up to 3"	\$ 180.00
1144	Nozzle holder			\$ 259.00
1145	Digger Nozzle w/ Holder			\$ 496.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
1152	Large Rocket Nozzle 3D	1 1/2"	16" - 48"	\$ 3,250.00
1154	Large Rocket Nozzle 3D	1 1/4"	12" - 32"	\$ 1,573.00
1156	Large Rocket Nozzle 3D	1"	10" - 24"	\$ 1,208.00
1157	Large Rocket Nozzle 3D	1"	8" - 20"	\$ 1,036.00
1158	Large Rocket Nozzle 3D	3/4"	8" - 15"	\$ 1,036.00
1172	FS Nozzle 3D	1"	6" - 15"	\$ 981.00
1173	FS Nozzle 3D	3/4"	6" - 12"	\$ 800.00
1174	FS Nozzle 3D	1/2"	4" - 8"	\$ 485.00
1175	FS-Nozzle	3/8"	2" - 4"	\$ 391.00
1176	FS-Nozzle	1/4"	2" - 4"	\$ 359.00
1182	Combinator 3D Nozzle	1 1/4"	15" - 48"	\$ 1,573.00
1186	Combinator 3D Nozzle	1"	10" - 32"	\$ 1,208.00
1187	Combinator 3D Nozzle	1"	8" - 20"	\$ 1,036.00
1188	Combinator 3D Nozzle	3/4"	8" - 20"	\$ 1,036.00
1190	Radial-Clean 3D Nozzle	1 1/4"	10" - 20"	\$ 2,315.00
1191	Radial-Clean 3D Nozzle	1 1/2"	12" - 24"	\$ 5,402.00
1194	Radial-Clean 3D Nozzle	1"	8" - 15"	\$ 1,425.00
1195	Radial-Clean 3D Nozzle	3/4"	6" - 12"	\$ 1,097.00
1198	Antiblaster 3D Nozzle	1"	6" - 12"	\$ 981.00
1198.75	Antiblaster 3D Nozzle	3/4"	6" - 10"	\$ 981.00
1199	Antiblaster Plus 3D Nozzle	1"	6" - 12"	\$ 1,198.00
1200	Antiblaster Plus 3D Nozzle	1"	8" - 15"	\$ 1,331.00
1203	Super 12 Nozzle	1"		On Request
1204	Super 12 Nozzle	3/4"		On Request
1205	Super 12 Nozzle	1/2"	2" - 4"	\$ 369.00
1210	Tri Jet 3D Nozzle	1"	4" - 12"	\$ 1,080.00
1213	Tri Jet 3D Nozzle	1"	8" - 20"	\$ 1,417.00
1213 AL	Aluminum Tri Jet 3D Nozzle	1"	8" - 20"	\$ 1,417.00
1218	Tri Jet 3D Nozzle	1"	10" - 32"	\$ 1,543.00
1220	Tri Jet 3D Nozzle	1 1/4"	12" - 40"	\$ 1,798.00
1225	Tri Jet 3D Nozzle	1 1/2"	16" - 48"	\$ 3,341.00
1239	Replacement Threaded Hose	1/2"		
1240	Steering Nozzle	1/2"	3" - 8"	\$ 259.00
1241	Standard w/ Steering Nozzle	1/2"	3" - 8"	\$ 472.00
1243	Egg w/ Steering Nozzle	1/2"	3" - 8"	\$ 717.00
1245	Roto w/ Steering Nozzle	1/2"	3" - 8"	\$ 1,023.00
1246	Rocker w/ Steering Nozzle	1/2"	3" - 8"	\$ 1,155.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
1251	Standard Nozzle	1 1/4"	8" - 12"	\$ 385.00
1256	Standard Nozzle	1"	6" - 12"	\$ 283.00
1255	Standard Nozzle Ball Shape	1"	6" - 12"	\$ 315.00
1257	Standard Nozzle	3/4"	6" - 8"	\$ 198.00
1259	Standard Nozzle	3/4"	6" - 8"	\$ 176.00
1260	Standard Nozzle	1/2"	2" - 6"	\$ 132.00
1262	Standard Nozzle Ball Shape	1/2"	2" - 6"	\$ 143.00
1268	Standard Nozzle	3/8"	2" - 4"	\$ 108.00
1273	Standard Nozzle w/ frwd jet	1/4"	up to 4"	\$ 105.00
1274	Standard Nozzle w/ no frwd jet	1/4"	up to 4"	\$ 105.00
1278	FD2 Nozzle 3D	1 1/4"	12"	\$ 1,640.00
1279	FD2 Nozzle 3D	1"	12"	\$ 1,640.00
1280	FD2 Nozzle 3D	1"	8"	\$ 1,317.00
1282	FD2 Nozzle 3D	3/4"	6"	\$ 937.00
1290	FD2 Nozzle 3D	1/2"	4"	\$ 717.00
1308	Forward Push-Rotor Nozzle	1/2"	4" - 8"	\$ 916.00
1309	Forward Push-Rotor Nozzle	3/8"	up to 6"	\$ 665.00
1310	Forward Push-Rotor Nozzle	1/4"	up to 6"	\$ 665.00
1313	Radial Chisel Nozzle	1"	8" - 20"	\$ 1,361.00
1314	Radial Chisel Nozzle	3/4"	6" - 12"	\$ 915.00
1316	XXXL Chisel Nozzle	1 1/4"	8" - 24"	\$ 1,321.00
1317	XXL Chisel Nozzle	1 1/4"	8" - 20"	\$ 1,014.00
1318	XL Chisel Nozzle	1"	8" - 20"	\$ 935.00
1319	Large Chisel Nozzle	1 1/4"	8" - 24"	\$ 875.00
1320DP	Large Chisel Nozzle w/ Drill Point	1"	8" - 20"	\$ 452.00
1320	Large Chisel Nozzle	1"	8" - 20"	\$ 434.00
1323DP	Medium Chisel Nozzle w/ Drill Point	3/4"	8" - 15"	\$ 392.00
1323	Medium Chisel Nozzle	3/4"	8" - 15"	\$ 380.00
1326DP	Small Chisel Nozzle w/ Drill Point	1/2"	6" - 12"	\$ 258.00
1326	Small Chisel Nozzle	1/2"	6" - 12"	\$ 245.00
1328	XS Chisel Nozzle	3/8"	4" - 8"	\$ 187.00
1330	XXS Chisel Nozzle	1/4"	2" - 4"	\$ 171.00
1331	XXS Chisel Nozzle	1/4"	2" - 4"	\$ 160.00
1334	T-Hammer Nozzle	1 1/4"	8" - 20"	\$ 4,704.00
1335	T-Hammer Nozzle	1"	6" - 15"	\$ 4,410.00
1337	V-Hammer Nozzle	1"	6" - 12"	\$ 1,317.00
1338	V-Hammer Nozzle	3/4"	6" - 10"	\$ 1,065.00
1339	V-Hammer Nozzle	1/2"	4" - 8"	\$ 844.00
1340	V-Hammer Nozzle	3/8"	up to 4"	\$ 577.00
1341	V-Hammer Nozzle	1/4"	up to 4"	\$ 577.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
1345	Rotor Nozzle	1 1/4"	10" - 20"	\$ 2,040.00
1350	Rotor Nozzle	1"	6" - 15"	\$ 1,929.00
1351	Rotor Nozzle	1"	6" - 12"	\$ 1,086.00
1352	Rotor Nozzle	3/4"	6" - 10"	\$ 904.00
1357	Rotor Nozzle	1/2"	4" - 8"	\$ 709.00
1360	Rotor Nozzle	3/8"	2" - 6"	\$ 556.00
1362	Rotor Nozzle	1/4"	2" - 6"	\$ 556.00
1364	Rotor Nozzle	1/4"	Up to 4"	\$ 276.00
1365	Rotor Nozzle	1/8"	Up to 4"	\$ 232.00
1377	Flounder Nozzle 3D	1 1/4"	15" - 60"	\$ 2,640.00
1378	Flounder Nozzle 3D	1"	12" - 40"	\$ 1,591.00
1380	Flounder Nozzle 3D	3/4"	10" - 24"	\$ 1,009.00
1381	Flounder Nozzle 3D	1/2"	4" - 12"	\$ 711.00
1382	Flounder Nozzle 3D	3/8"	2" - 4"	\$ 626.00
1525	Steel Insert ISK	M 4		\$ 10.00
1526	Steel Insert ISK	M 5		\$ 13.00
1527	Steel Insert ISK	M 6		\$ 15.00
1528	Steel Insert ISK	M 8		\$ 16.00
1529	Steel Insert ISK	M10		\$ 16.00
1532	Steel Insert ISK	M 12		\$ 19.00
1527K	Ceramic Insert ISK	M 6		\$ 24.00
1527AK	Ceramic Insert ASK	M 6		\$ 24.00
1528K	Ceramic Insert ISK	M 8		\$ 32.00
1528AK	Ceramic Insert ASK	M 8		\$ 32.00
1529K	Ceramic Insert ISK	M 10		\$ 32.00
1550	Ceramic Insert SW 14	G 1/4"		\$ 52.00
1551	Ceramic Insert SW 9	G 1/4"		\$ 55.00
1552	Ceramic Insert ISK	M 12		\$ 52.00
1563K	Ceramic Insert ASK	M 10x1		\$ 52.00
1564K	Ceramic Insert ASK	G 1/8"		\$ 52.00
1561	Steel Insert SW 14	G 1/4"		\$ 22.00
1567	Steel Insert ASK SW 6	M 6		\$ 20.00
1568	Steel Insert ASK SW 8	M 8		\$ 21.00
1572	Steel Fan Jet SW 17	G 1/4"		\$ 38.00
1576	Steel Fan Jet SW 14	G 1/4" NPT		\$ 38.00
1576K	Fan Jet SW 14 Ceramic	G 1/4"		\$ 57.00
1577K	Fan Jet M12 Ceramic			\$ 57.00
9022	Drill Point 1/2"-1"			\$ 39.00
1649	HP Swivel	1 1/2"		\$ 652.00
1650	HP Swivel	1 1/4"		\$ 612.00
1651	HP Swivel	1"		\$ 425.00
1652	HP Swivel	3/4"		\$ 363.00
1653	HP Swivel	1/2"		\$ 286.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
1660	Venturi Nozzle Tip	G 1"		\$ 225.00
1662	Venturi Nozzle Tip	G 3/4"		\$ 141.00
1974	Rotor - Wolf Nozzle	1/2"	4" - 6"	\$ 916.00
1975	Rotor - Wolf Nozzle	1/4"	1" - 2"	\$ 626.00
1976	Rotor - Wolf Nozzle	3/8"	2" - 4"	\$ 626.00
1977	Rotor - Wolf Nozzle	1/4"	1" - 2 "	\$ 578.00
1978	Mini Wolf Nozzle	1/2"	2" - 4"	\$ 990.00
1979	Mini Wolf Nozzle	1/2"	2" - 4"	\$ 990.00
1980	Pipe Wolf Nozzle	1/2"	4" - 8"	\$ 1,085.00
1982	Pipe Wolf Nozzle	3/4", 1"	6" - 15"	\$ 1,819.00
1984	Pipe Wolf Nozzle	1 1/4"	8" - 24"	\$ 3,131.00
1986	Replacement Diamond Face Cutter		P/N 2450	\$ 661.00
1987	Replacement Diamond Face Cutter		P/N 2451,2452	\$ 700.00
1988	Replacement Diamond Face Cutter		P/N 2453	\$ 964.00
1995	Mini Turbo Cutter	1/2"	2" - 4"	\$ 990.00
1996	Mini Turbo Cutter	1/2"	2" - 4"	\$ 990.00
2000	Turbo 0 Chain Cutter	1/2"	4" - 6"	\$ 1,323.00
2050	Turbo 0 Case Kit	1/2"		\$ 2,508.00
2001	Guide Skid		4"	\$ 325.00
2003	Guide Skid		6"	\$ 342.00
2010M	Chain Retainer w/ Chain and Bits		4"	\$ 118.00
2012M	Chain Retainer w/ Chain and Bits		6"	\$ 125.00
2010S	Chain w/ Blocks		4"	\$ 154.00
2012S	Chain w/ Blocks		6"	\$ 154.00
2035	Slide Thru Chain Retainer			\$ 222.00
2038	Block For Chain			\$ 77.00
2020	4ft Replacement Chain 06B			\$ 40.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2150	Turbo I Case Kit	1/2"		\$ 3,568.00
2101	Guide Skid		4"	\$ 264.00
2103	Guide Skid		6"	\$ 357.00
2110M	Chain Retainer w/ Chain and Bits 4"		4"	\$ 102.00
2112M	Chain Retainer w/ Chain and Bits 6"		6"	\$ 119.00
2110S	Chain w/ Blocks 4"		4"	\$ 177.00
2112S	Chain w/ Blocks 6"		6"	\$ 202.00
2136	Slide Thru Chain Retainer			\$ 242.00
2138	Block for Chain			\$ 76.00
2120	4ft Replacement Chain 06B			\$ 40.00
2160	Diamond Face Cutter		4"	\$ 626.00
2164	Diamond Face Cutter		6"	\$ 919.00
2168	Center bit for face Cutter			\$ 280.00
2170	Diamond Tap Cutter		4"	\$ 627.00
2172	Diamond Tap Cutter		6"	\$ 919.00
2175	Cap for Tap Cutter			\$ 144.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2200	Turbo II Flexible Chain Cutter	3/4", 1"	6" - 12"	\$ 5,071.00
2210M	3 Piece Set of Chain w/ Bits		6"	\$ 67.00
2211M	3 Piece Set of Chain w/ Bits		8"	\$ 76.00
2212M	3 Piece Set of Chain w/ Bits		10"	\$ 88.00
2213M	3 Piece Set of Chain w/ Bits		12"	\$ 98.00
2210S	3 Piece Set of Chain w/ T-Hammer Bits		6"	\$ 165.00
2211S	3 Piece Set of Chain w/ T-Hammer Bits		8"	\$ 175.00
2212S	3 Piece Set of Chain w/ T-Hammer Bits		10"	\$ 185.00
2213S	3 Piece Set of Chain w/ T-Hammer Bits		12"	\$ 195.00
2210D	3 Piece Set of Chain w/ Diamond Bits		6"	\$ 255.00
2211D	3 Piece Set of Chain w/ Diamond Bits		8"	\$ 267.00
2212D	3 Piece Set of Chain w/ Diamond Bits		10"	\$ 279.00
2213D	3 Piece Set of Chain w/ Diamond Bits		12"	\$ 295.00
2210B	3 Piece Set of Chain w/ Blocks		6"	\$ 175.00
2211B	3 Piece Set of Chain w/ Blocks		8"	\$ 184.00
2212B	3 Piece Set of Chain w/ Blocks		10"	\$ 192.00
2213B	3 Piece Set of Chain w/ Blocks		12"	\$ 201.00
2220	6ft Replacement Chain 08B			\$ 57.00
2236	Slide Thru Chain Retainer			\$ 405.00
9005-TII	Quick Change Chain Retainer			\$ 141.00
2238	T-Hammer Bit			\$ 79.00
2239	Diamond Bit			\$ 105.00
2240	Block for Chain			\$ 90.00
2260	Diamond Face Cutter		6"	\$ 1,349.00
2262	Diamond Face Cutter		8"	\$ 1,880.00
2265	Center Bit for Face Cutter		6"	\$ 357.00
2268	Center Bit for Face Cutter		8"	\$ 414.00
2270	Diamond Barrel Tap Cutter		6"	\$ 1,213.00
2270-PVC	PVC Barrel Tap Cutter		6"	\$ 788.00
2272	Diamond Barrel Tap Cutter		8"	\$ 1,455.00
2272-PVC	PVC Barrel Tap Cutter		8"	\$ 1,019.00
2275	Cap for Diamond Tap Cutter			\$ 75.00
2295	Pulling Eye Swivel			\$ 453.00
2250	Turbo II Rigid Chain Cutter w/ 6" Skid	3/4", 1"		\$ 3,142.00
2251	Guide Skid		6"	\$ 347.00
2252	Guide Skid		8"	\$ 430.00
2253	Guide Skid		10"	\$ 523.00
2254	Guide Skid		12"	\$ 646.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2300	Turbo III Flexible Chain Cutter	1", 1 1/4"	10" - 20"	\$ 7,607.00
2310M	3 Piece Set of Chain w/ Bits		10"	\$ 125.00
2311M	3 Piece Set of Chain w/ Bits		12"	\$ 136.00
2312M	3 Piece Set of Chain w/ Bits		15"	\$ 142.00
2313M	3 Piece Set of Chain w/ Bits		18"	\$ 164.00
2314M	3 Piece Set of Chain w/ Bits		20"	\$ 172.00
2315M	6 Piece Set of Chain w/ Bits		24"	\$ 309.00
2316M	6 Piece Set of Chain w/ Bits		28"	\$ 326.00
2317M	6 Piece Set of Chain w/ Bits		30"	\$ 346.00
2318M	6 Piece Set of Chain w/ Bits		32"	\$ 404.00
2310D	3 Piece Set of Chain w/ Diamond Bits		10"	\$ 310.00
2311D	3 Piece Set of Chain w/ Diamond Bits		12"	\$ 325.00
2312D	3 Piece Set of Chain w/ Diamond Bits		15"	\$ 334.00
2313D	3 Piece Set of Chain w/ Diamond Bits		18"	\$ 346.00
2314D	3 Piece Set of Chain w/ Diamond Bits		20"	\$ 360.00
2315D	3 Piece Set of Chain w/ Diamond Bits		24"	\$ 396.00
2316D	3 Piece Set of Chain w/ Diamond Bits		28"	\$ 424.00
2317D	3 Piece Set of Chain w/ Diamond Bits		30"	\$ 448.00
2318D	3 Piece Set of Chain w/ Diamond Bits		32"	\$ 464.00
2310S	3 Piece Set of Chain w/ Hex Bits		10"	\$ 264.00
2311S	3 Piece Set of Chain w/ Hex Bits		12"	\$ 276.00
2312S	3 Piece Set of Chain w/ Hex Bits		15"	\$ 292.00
2313S	3 Piece Set of Chain w/ Hex Bits		18"	\$ 304.00
2314S	3 Piece Set of Chain w/ Hex Bits		20"	\$ 315.00
2315S	3 Piece Set of Chain w/ Hex Bits		24"	\$ 332.00
2316S	3 Piece Set of Chain w/ Hex Bits		28"	\$ 357.00
2317S	3 Piece Set of Chain w/ Hex Bits		30"	\$ 356.00
2318S	3 Piece Set of Chain w/ Hex Bits		32"	\$ 368.00
2310B	3 Piece Set of Chain w/ Blocks		10"	\$ 300.00
2311B	3 Piece Set of Chain w/ Blocks		12"	\$ 315.00
2312B	3 Piece Set of Chain w/ Blocks		15"	\$ 322.00
2313B	3 Piece Set of Chain w/ Blocks		18"	\$ 335.00
2314B	3 Piece Set of Chain w/ Blocks		20"	\$ 343.00
2315B	3 Piece Set of Chain w/ Blocks		24"	\$ 365.00
2316B	3 Piece Set of Chain w/ Blocks		28"	\$ 387.00
2317B	3 Piece Set of Chain w/ Blocks		30"	\$ 395.00
2318B	3 Piece Set of Chain w/ Blocks		32"	\$ 407.00
2604	Extension Skids for Turbo III		21" - 32"	\$ 2,040.00
2362	Small Chain Retainer Wheel 11"			\$ 1,764.00
9005-TIII	Quick Change Chain Retainer			\$ 346.00
2338	Block For Chain			\$ 125.00
2339	Diamond Bit			\$ 143.00
2340	Hex Bit			\$ 95.00
2344	Diamond Tap Cutter		10"	\$ 1,626.00
2345	Diamond Tap Cutter		12"	\$ 1,875.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2350	Turbo IV Flexible Chain Cutter	1", 1 1/4"	15" - 36"	\$ 17,144.00
2354M	3 Piece Set of Chain w/ Bits		15"	\$ 142.00
2355M	3 Piece Set of Chain w/ Bits		18"	\$ 164.00
2356M	3 Piece Set of Chain w/ Bits		20"	\$ 172.00
2357M	6 Piece Set of Chain w/ Bits		24"	\$ 308.00
2358M	6 Piece Set of Chain w/ Bits		28"	\$ 326.00
2359M	6 Piece Set of Chain w/ Bits		30"	\$ 346.00
2360M	6 Piece Set of Chain w/ Bits		32"	\$ 404.00
2361M	6 Piece Set of Chain w/ Bits		36"	\$ 414.00
2354D	3 Piece Set of Chain w/ Diamond Bits		15"	\$ 334.00
2355D	3 Piece Set of Chain w/ Diamond Bits		18"	\$ 346.00
2356D	3 Piece Set of Chain w/ Diamond Bits		20"	\$ 360.00
2357D	3 Piece Set of Chain w/ Diamond Bits		24"	\$ 396.00
2358D	3 Piece Set of Chain w/ Diamond Bits		28"	\$ 424.00
2359D	3 Piece Set of Chain w/ Diamond Bits		30"	\$ 448.00
2360D	3 Piece Set of Chain w/ Diamond Bits		32"	\$ 464.00
2361D	3 Piece Set of Chain w/ Diamond Bits		36"	\$ 480.00
2354B	3 Piece Set of Chain w/ Blocks		15"	\$ 322.00
2355B	3 Piece Set of Chain w/ Blocks		18"	\$ 335.00
2356B	3 Piece Set of Chain w/ Blocks		20"	\$ 343.00
2357B	3 Piece Set of Chain w/ Blocks		24"	\$ 365.00
2358B	3 Piece Set of Chain w/ Blocks		28"	\$ 387.00
2359B	3 Piece Set of Chain w/ Blocks		30"	\$ 395.00
2360B	3 Piece Set of Chain w/ Blocks		32"	\$ 407.00
2361B	3 Piece Set of Chain w/ Blocks		36"	\$ 429.00
2354H	3 Piece Set of Chain w/ Hex Bits		15"	\$ 292.00
2355H	3 Piece Set of Chain w/ Hex Bits		18"	\$ 304.00
2356H	3 Piece Set of Chain w/ Hex Bits		20"	\$ 315.00
2357H	3 Piece Set of Chain w/ Hex Bits		24"	\$ 332.00
2358H	3 Piece Set of Chain w/ Hex Bits		28"	\$ 357.00
2359H	3 Piece Set of Chain w/ Hex Bits		30"	\$ 356.00
2360H	3 Piece Set of Chain w/ Hex Bits		32"	\$ 368.00
2361H	3 Piece Set of Chain w/ Hex Bits		36"	\$ 385.00
2605	Extension Skids up to 48"	37" - 48"		\$ 2,415.00
2362	Small Chain Retainer Wheel 11"	21" - 32"		\$ 1,764.00
2364	Large Chain Retainer Wheel 19"	37" - 48"		\$ 2,256.00
9005-TIV	Quick Change Chain Retainer			\$ 346.00
2338	Block For Chain			\$ 125.00
2339	Diamond Bit			\$ 143.00
2340	Hex Bit			\$ 95.00
2320	6ft Replacement Chain 16B			\$ 199.00
2330	6ft Replacement Chain 12B			\$ 105.00
2398	Pulling Eye Swivel			\$ 801.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2400	Turbikit Chain Cutter	1/2", 3/4", 1"		\$ 2,315.00
2410	6ft Replacement Chain			\$ 69.00
2411	3 Piece Set of Chain 4" (7 Links)			\$ 49.00
2412	3 Piece Set of Chain 6" (9 Links)			\$ 48.00
2413	3 Piece Set of Chain 8" (11 Links)			\$ 69.00
2420	Replacment Set Screws M6 x 6			\$ 23.00
2411D	3 Piece set of chain w/ Diamond Bits 4"			\$ 134.00
2412D	3 Piece set of chain w/ Diamond Bits 6"			\$ 140.00
2413D	3 Piece set of chain w/ Diamond Bits 8"			\$ 152.00
2450	Diamond Face Cutter Nozzle	1/2"	2"	\$ 1,417.00
2451	Diamond Face Cutter Nozzle	3/4"	3"	\$ 2,410.00
2452	Diamond Face Cutter Nozzle	1"	3"	\$ 2,410.00
2453	Diamond Face Cutter Nozzle	1" - 1 1/4"	3.75"	\$ 3,567.00
2475	Beaver Case Kit (root head installed)	1/2"		\$ 2,848.00
2485	Beaver Case Kit (diamond head installed)	1/2"		\$ 2,848.00

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P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2500	Turbo S-400 Flexible Chain Cutter	3/4", 1"	8" - 16"	\$ 6,174.00
2510M	3 Piece set of Chain w/ Bits		8"	\$ 103.00
2511M	3 Piece set of Chain w/ Bits		10"	\$ 108.00
2512M	3 Piece set of Chain w/ Bits		12"	\$ 116.00
2513M	3 Piece set of Chain w/ Bits		15"	\$ 145.00
2514M	3 Piece set of Chain w/ Bits		18"	\$ 154.00
2515M	3 Piece set of Chain w/ Bits		21"	\$ 169.00
2516M	3 Piece set of Chain w/ Bits		24"	\$ 184.00
2510D	3 Piece Set of Chain w/ Diamond Bits		8"	\$ 298.00
2511D	3 Piece Set of Chain w/ Diamond Bits		10"	\$ 306.00
2512D	3 Piece Set of Chain w/ Diamond Bits		12"	\$ 315.00
2513D	3 Piece Set of Chain w/ Diamond Bits		15"	\$ 330.00
2514D	3 Piece Set of Chain w/ Diamond Bits		18"	\$ 345.00
2515D	3 Piece Set of Chain w/ Diamond Bits		21"	\$ 368.00
2516D	3 Piece Set of Chain w/ Diamond Bits		24"	\$ 390.00
2510S	3 Piece Set of Chain w/ T-Hammer Bits		8"	\$ 275.00
2511S	3 Piece Set of Chain w/ T-Hammer Bits		10"	\$ 288.00
2512S	3 Piece Set of Chain w/ T-Hammer Bits		12"	\$ 297.00
2513S	3 Piece Set of Chain w/ T-Hammer Bits		15"	\$ 310.00
2514S	3 Piece Set of Chain w/ T-Hammer Bits		18"	\$ 325.00
2515S	3 Piece Set of Chain w/ T-Hammer Bits		21"	\$ 335.00
2516S	3 Piece Set of Chain w/ T-Hammer Bits		24"	\$ 350.00
2510B	3 Piece Set of Chain w/ Blocks		8"	\$ 240.00
2511B	3 Piece Set of Chain w/ Blocks		10"	\$ 250.00
2512B	3 Piece Set of Chain w/ Blocks		12"	\$ 260.00
2513B	3 Piece Set of Chain w/ Blocks		15"	\$ 275.00
2514B	3 Piece Set of Chain w/ Blocks		18"	\$ 259.00
2515B	3 Piece Set of Chain w/ Blocks		21"	\$ 268.00
2516B	3 Piece Set of Chain w/ Blocks		24"	\$ 280.00
9000-TS400	Slide Thru Chain Retainer			\$ 585.00
9005-TS400	Quick Change Chain Retainer			\$ 346.00
2538	T-Hammer Bit			\$ 88.00
2539	Diamond Bit			\$ 118.00
2540	Block for chain			\$ 93.00
2571	Diamond Tap Cutter		8"	\$ 1,463.00
2571-PVC	PVC Tap Cutter		10"	\$ 971.00
2572	Diamond Tap Cutter		10"	\$ 1,625.00
2572-PVC	PVC Tap Cutter		12"	\$ 1,250.00
2573	Diamond Tap Cutter		12"	\$ 1,810.00
2573-PVC	PVC Tap Cutter			\$ 1,550.00
2520	6ft Replacement Chain 12B			\$ 105.00
2522	Extension Skids for Turbo S400		16" - 24"	\$ 1,813.00
2548	Pulling Eye Swivel			\$ 568.00

USB-USA Pricing 2022

P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2550	Handy Cart	1 1/4"	40" and up	\$ 26,047.00
2555	Elbow Flex Skid	1 1/4"	24" - 72"	\$ 16,399.00
2601	Uniflex Skid		6" - 12"	\$ 2,203.00
2602	Uniflex Skid		10" - 20"	\$ 3,963.00
2650	Turbo S-600 Flexible Chain Cutter	1", 1 1/4"	12" - 24"	\$ 12,734.00
2610M	3 Piece Set of Chain w/ Bits		12"	\$ 136.00
2611M	3 Piece Set of Chain w/ Bits		15"	\$ 142.00
2612M	3 Piece Set of Chain w/ Bits		18"	\$ 164.00
2613M	3 Piece Set of Chain w/ Bits		20"	\$ 172.00
2614M	3 Piece Set of Chain w/ Bits		24"	\$ 210.00
2610D	3 Piece Set of Chain w/ Diamond Bits		12"	\$ 325.00
2611D	3 Piece Set of Chain w/ Diamond Bits		15"	\$ 334.00
2612D	3 Piece Set of Chain w/ Diamond Bits		18"	\$ 346.00
2613D	3 Piece Set of Chain w/ Diamond Bits		20"	\$ 360.00
2614D	3 Piece Set of Chain w/ Diamond Bits		24"	\$ 396.00
2610H	3 Piece Set of Chain w/ Hex Bits		12"	\$ 276.00
2611H	3 Piece Set of Chain w/ Hex Bits		15"	\$ 292.00
2612H	3 Piece Set of Chain w/ Hex Bits		18"	\$ 304.00
2613H	3 Piece Set of Chain w/ Hex Bits		20"	\$ 315.00
2614H	3 Piece Set of Chain w/ Hex Bits		24"	\$ 332.00
2610B	3 Piece Set of Chain w/ Blocks		12"	\$ 315.00
2611B	3 Piece Set of Chain w/ Blocks		15"	\$ 322.00
2612B	3 Piece Set of Chain w/ Blocks		18"	\$ 335.00
2613B	3 Piece Set of Chain w/ Blocks		20"	\$ 343.00
2614B	3 Piece Set of Chain w/ Blocks		24"	\$ 365.00
2620	Replacement Chain 16B			\$ 199.00
9000-TS600	Slide Thru Chain Retainer			\$ 674.00
9005-TS600	Quick Change Chain Retainer			\$ 346.00
2638	Block For Chain			\$ 125.00
2639	Diamond Bit			\$ 143.00
2640	Hex Bit			\$ 95.00
2698	Pulling Eye Swivel			\$ 800.00
2700	Venturi Nozzle Single Barrel 5"	1"		\$ 5,071.00
2702	Venturi Nozzle Single Barrel 6.2"	1", 1 1/4"		\$ 6,312.00
2704	Venturi Nozzle Double Barrel	1", 1/4"		\$ 7,519.00
2730	Crown Nozzle		2.95 / 3.14	\$ 675.00
2732	Crown Nozzle		4"	\$ 821.00
2734	Crown Nozzle		5"	\$ 1,032.00

USB-USA Pricing 2022

P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
2750	Turbo S-200 Flexible Chain Cutter	1", 1 1/4"	8" - 15"	\$ 11,907.00
2710M	3 Piece Set of Chain w/ Retainer and Bits		8"	\$ 210.00
2711M	3 Piece Set of Chain w/ Bits		10"	\$ 125.00
2712M	3 Piece Set of Chain w/ Bits		12"	\$ 136.00
2713M	3 Piece Set of Chain w/ Bits		15"	\$ 142.00
2710D	3 Piece Set of Chain w/ Retainer and Diamond Bits		8"	\$ 405.00
2711D	3 Piece Set of Chain w/ Diamond Bits		10"	\$ 310.00
2712D	3 Piece Set of Chain w/ Diamond Bits		12"	\$ 325.00
2713D	3 Piece Set of Chain w/ Diamond Bits		15"	\$ 334.00
2710H	3 Piece Set of Chain w/ Retainer and Hex Bits		8"	\$ 365.00
2711H	3 Piece Set of Chain w/ Hex Bits		10"	\$ 264.00
2712H	3 Piece Set of Chain w/ Hex Bits		12"	\$ 276.00
2713H	3 Piece Set of Chain w/ Hex Bits		15"	\$ 292.00
2710B	3 Piece Set of Chain w/ Retainer and Blocks		8"	\$ 395.00
2711B	3 Piece Set of Chain w/ Blocks		10"	\$ 300.00
2712B	3 Piece Set of Chain w/ Blocks		12"	\$ 315.00
2713B	3 Piece Set of Chain w/ Blocks		15"	\$ 322.00
2620	Replacement Chain 16B			\$ 199.00
2743	Diamond Tap Cutter		8"	\$ 1,475.00
2744	Diamond Tap Cutter		10"	\$ 1,626.00
2745	Diamond Tap Cutter		12"	\$ 1,875.00
2746	Diamond Tap Cutter		15"	\$ 2,009.00
9000-TS200	Slide Thru Chain Retainer			\$ 674.00
9008	Chain Retainer Ring for 8"			\$ 125.00
9005-TS200	Quick Change Chain Retainer			\$ 346.00
2638	Block For Chain			\$ 125.00
2639	Diamond Bit			\$ 143.00
2640	Hex Bit			\$ 95.00
2999	Super Cycle Nozzle 3D	1 1/4"	10" - 40"	\$ 1,752.00
3000	Super Cycle Nozzle 3D	1"	10" - 40"	\$ 1,752.00
3001	Cycle Nozzle 3D	3/4"	8" - 15"	\$ 1,430.00
3002	Cycle Nozzle 3D	1"	8" - 15"	\$ 1,430.00
3003	Cycle Nozzle 3D	1 1/4"	8" - 15"	\$ 1,430.00

USB-USA Pricing 2022

P/N	Description	Hose Connection	Pipe Diameter (in)	List Price (\$)
3006	6 Jet Storm Surge Nozzle	3/4", 1"	12" - 15"	\$ 3,032.00
3008	8 Jet Storm Surge Nozzle	3/4", 1"	15" - 30"	\$ 3,363.00
3010	10 Jet Storm Surge Nozzle	1", 1 1/4"	18" - 40"	\$ 3,914.00
3012	12 Jet Storm Surge Nozzle	1", 1 1/4"	20" - 72"	\$ 4,211.00
3014	14 Jet Storm Surge Nozzle	1", 1 1/4"	20" - 96"	\$ 4,492.00
3330	NozzCam w/ 200ft cable	3/8" - 1"		\$ 15,550.00
3331	NozzCam w/ 330ft cable	3/8" - 1"		\$ 16,500.00
3332	NozzCam w/ 330ft and keyboard	3/8" - 1"		\$ 16,800.00
5005	Primus I Nozzle	1/2"	4" - 8"	\$ 1,290.00
5010	Primus II Nozzle	3/4"	6" - 10"	\$ 2,350.00
5013	Primus II Nozzle	1"	6" - 15"	\$ 2,350.00
5020	Primus III Nozzle	1 1/4"	12" - 24"	\$ 2,900.00
5017	Primus II Antiblaster Nozzle	3/4"	6" - 10"	\$ 2,350.00
5018	Primus II Antiblaster Nozzle	1"	6" - 15"	\$ 2,350.00
5019	Primus III Antiblaster Nozzle	1 1/4"	12" - 24"	\$ 2,900.00
5022	Mini-Gator Nozzle	3/8" 1/2"	3" - 8"	\$ 1,818.00
5025	Mini-Gator Nozzle Case Kit			\$ 2,230.00
5030	Gator Nozzle	3/4" - 1 1/4"	6" - 24"	\$ 3,300.00
5035	Gator Nozzle Case Kit			\$ 3,550.00
5050	Spin-Jet 3	1/2"	Manholes or Lift Station 4' - 15'	\$ 2,622.00
5052	Spin-Jet 6	3/4"	Man Hole or Lift Station 4' - 15'	\$ 3,071.00
5055	Spin-Jet 6	1"	Man Hole or Lift Station 4' - 15'	\$ 3,071.00
5070	Nozzle Extension 1"			\$ 32.00
5072	Nozzle Extension 2"			\$ 65.00
5074	Nozzle extension 4"			\$ 122.00
5250	Radi-Flex Skid	1". 1 1/4"	20" - 48"	\$ 13,204.00
101-7670-52	Tip Cleaner			\$ 27.00
8082-BTL	Bottle of Teflon			\$ 25.00
9999-S	Small Nozzle Case	1/2"		\$ 175.00
9999-L	Large Nozzle Case	3/4" - 1 1/4"		\$ 275.00

HATHORN 2024

Price List

**PROUDLY DESIGNED AND
MANUFACTURED IN
NORTH AMERICA**

H12 Control Modules	Price
H12+ (12" LCD, USB/HDD recording, 128Gb HDD)	\$4,350
H12-M (Adds HDMI & footage counter output, 256Gb HDD)	\$4,950
Option: Expanded 512Gb Hard Drive	\$500
Option: Wi-Fi Streaming (H12+ only)	\$500

Control Module Accessories	Price
PC-CR12 (Required patch cable for new H12+ & H12-M)	\$350
PC-C12R10 (New H12 to 10-pin reels)	
PC-C10R12 (10-pin H12 to 12-pin reels)	
PC-H12M (HDMI & footage cable set for H12-M)	\$900

Specialty Extra Large Camera Reels			Price
300ft	XLR-3568-SL	(1.68" SL camera and 5/8" cable)	\$8,800
400ft	XLR-4568-SL	(1.68" SL camera and 5/8" cable)	\$9,200
500ft	XLR-5568-SL	(1.68" SL camera and 5/8" cable)	\$9,600
500ft	XLR-5100	(1" SV camera and 3/8" cable)	\$9,000
	XLR-5123-SL	(1.23" SL camera and 0.400" cable)	
	XLR-5143-SL	(1.43" SL camera and 1/2" cable)	
	XLR-5168-SL	(1.68" SL camera and 1/2" cable)	
Option: Line Trace			\$400

Large Camera Reels			Price
200ft	LR-2143-SL	(1.43" SL camera and 1/2" cable)	\$6,700
	LR-2168-SL	(1.68" SL camera and 1/2" cable)	
300ft	LR-3100	(1" SV camera and 3/8" cable)	\$7,100
	LR-3123-SL	(1.23" SL camera and 0.400" cable)	
	LR-3143-SL	(1.43" SL camera and 1/2" cable)	
	LR-3168-SL	(1.68" SL camera and 1/2" cable)	
400ft	LR-4100	(1" SV camera and 3/8" cable)	\$7,500
	LR-4123-SL	(1.23" SL camera and 0.400" cable)	
	LR-4143-SL	(1.43" SL camera and 1/2" cable)	
	LR-4168-SL	(1.68" SL camera and 1/2" cable)	
Option: Line Trace			\$400

Mid Camera Reels		Price
200ft	MR-2100 (1" SV camera and 3/8" cable)	\$6,400
	MR-2123-SL (1.23" SL camera and 0.400" cable)	
	MR-2143-SL (1.43" SL camera and 1/2" cable)	
	MR-2168-SL (1.68" SL camera and 1/2" cable)	
Option: Line Trace		\$400

Mini Camera Reels		Price
200ft	MN-2100 (1" SV camera and 3/8" cable)	\$6,100
	MN-2123 (1.23" SV camera and 3/8" cable)	
	MN-2123-SL (1.23" SL camera and 3/8" cable)	
Option: Line Trace		\$400

Micron Camera Reels		Price
100ft	MC-1100 (1" SV camera and 3/8" cable)	\$4,000
	MC-1078 (7/8" SV camera and 3/8" cable)	

H7 Camera System		Price
200ft	H7-2100 (1" SV camera and 3/8" cable)	\$8,650
	H7-2123-SL (1.23" SL camera and 0.400" cable)	
	H7-2143-SL (1.43" SL camera and 1/2" cable)	
	H7-2168-SL (1.68" SL camera and 1/2" cable)	
Option: Expanded 128Gb Hard Drive		\$500
Option: Wi-Fi Streaming		\$500
Option: Line Trace		\$400

H2 Camera System		Price
200ft	H2-2100 (1" SV camera and 3/8" cable)	\$7,250
	H2-2123-SL (1.23" SL camera and 0.400" cable)	
	H2-2143-SL (1.43" SL camera and 1/2" cable)	
	H2-2168-SL (1.68" SL camera and 1/2" cable)	
Option: Line Trace		\$400



North America 1-866-HATHORN
International 1-905-604-7040
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HATHORN 2024

Price List

Wi-Fi Large Camera Reels			Price
200ft	WLR-2143-SL (1.43" SL camera and 1/2" cable)		\$8,000
	WLR-2168-SL (1.68" SL camera and 1/2" cable)		
300ft	WLR-3100 (1" SV camera and 3/8" cable)		\$8,400
	WLR-3123-SL (1.23" SL camera and 0.400" cable)		
	WLR-3143-SL (1.43" SL camera and 1/2" cable)		
	WLR-3168-SL (1.68" SL camera and 1/2" cable)		
400ft	WLR-4100 (1" SV camera and 3/8" cable)		\$8,800
	WLR-4123-SL (1.23" SL camera and 0.400" cable)		
	WLR-4143-SL (1.43" SL camera and 1/2" cable)		
	WLR-4168-SL (1.68" SL camera and 1/2" cable)		
Option: Line Trace			\$400

Wi-Fi Mid Camera Reels		Price
200ft	WMR-2100 (1" SV camera and 3/8" cable)	\$7,600
	WMR-2123-SL (1.23" SL camera and 0.400" cable)	
	WMR-2143-SL (1.43" SL camera and 1/2" cable)	
	WMR-2168-SL (1.68" SL camera and 1/2" cable)	
Option: Line Trace		\$400

Mini Camera Reels		Price
200ft	WMN-2100 (1" SV camera and 3/8" cable)	\$7,000
	WMN-2123 (1.23" SV camera and 3/8" cable)	
	WMN-2123-SL (1.23" SL camera and 3/8" cable)	
Option: Line Trace		\$400

Wi-Fi Micron Camera Reels		Price
100ft	WMC-1100 (1" SV camera and 3/8" cable)	\$4,300
	WMC-1078 (7/8" SV camera and 3/8" cable)	

Mid Camera Reels	Item #	Price
1.68" SL or SV	CH-168SL / CH-168SV	\$2,600
1.43" SL or SV	CH-143SL / CH-143SV	
1.23" SL or SV	CH-123SL / CH-123SV	
1" SV (Wi-Fi)	CH-1SV(W)	\$1,500
1" SV (for 12-pin)	CH-1SV	

Accessories	Item #	Price
Skid P-Trap - 1.68" Self Leveling & Straight View Camera	SK-168	\$90
Skid P-Trap - 1.43" Self Leveling Camera	SK-143SL	
Skid P-Trap - 1.23" Self Leveling Camera	SK-123SL	
Skid P-Trap - 1.23" Straight View Camera	SK-123SV	
Skid P-Trap - 1" Straight View Camera	SK-1GR	
Skid 3" Grooved - 1.68" Straight View & Self Leveling Camera	SK-168GR	\$180
Skid 3" Grooved - 1.43" Self Leveling Camera	SK-143GR	
Skid Universal Roller - 1.43" and 1.68" Camera for 6"-10" Pipes	SK-RSL	\$600
AC/DC Adapter (Power Supply)	PS-12V	\$75
Small Brake Handle for Mini & Mid Reels	10119	\$25
Large Brake Handle for Large Reels	10120	
Replacement 6" Wheel (White)	Wheel6	\$25
Replacement 7" Wheel (Black)	Wheel7	
Replacement 8" Wheel (White)	Wheel8	
Large Reel Cover	10146-LR	\$150
Mid Reel Cover	10146-MR	
Mini Reel Cover	10146-MN	

INSIGHT VISION

2023 Pricing Guide

(For Authorized Dealer Use Only)



MADE IN THE USA

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800.488.8177

PUSH CAMERA PRICING



COMPLETE WHOLE SYSTEMS					
Unit	Image	PART	Part #		MSRP
FastCam		FastCam 130'	207001		\$3,515.00
		FastCam 200'	207002		\$4,285.00
Mini Vu		<u>Reel & Camera - In Stock</u> <u>Controller/LCD/ Display - Out of Stock - Call for updates</u> Mini Vu 150ft Mini Reel Includes: Accessory bag, 1" & 2" skids, 16gb USB stick, debris bag, manual, M18 Battery, Battery Charger, interconnect cable, S-tool	212029		\$6,045.00
		<u>Reel & Camera - In Stock</u> <u>Controller/LCD/ Display - Out of Stock - Call for updates</u> Mini Vu 200ft Includes: Accessory bag, 2" & 3" skids, 16gb USB stick, debris bag, manual, M18 Battery, Battery Charger, interconnect cable, S-tool	212026		\$6,485.00
		<u>Reel & Camera - In Stock</u> <u>Controller/LCD/ Display - Out of Stock - Call for updates</u> Mini Vu 300ft Includes: Accessory bag, 2" & 3" skids, 16gb USB stick, debris bag, manual, M18 Battery, Battery Charger, interconnect cable, S-tool	212027		\$6,925.00
		<u>Reel & Camera - In Stock</u> <u>Controller/LCD/ Display - Out of Stock - Call for updates</u> Mini Vu 400ft Includes: Accessory bag, 2" & 3" skids, 16gb USB stick, debris bag, manual, M18 Battery, Battery Charger, interconnect cable, S-tool	212028		\$7,365.00




PUSH CAMERA PRICING



Opticam		Opticam Mini-Reel 150 ft. Includes: Accessory bag, 1" & 2" skids, 16gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	203005		\$6,925.00
		Opticam 200 ft. Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	203001		\$7,365.00
		Opticam 300 ft. Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	203002		\$7,805.00
		Opticam 400 ft. Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	203003		\$8,245.00
VuTek		<u>Limited, please call for updates</u> VuTek 150 ft. Mini Reel Includes: Accessory bag, 1" & 2" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	201005		\$9,895.00
		<u>Limited, please call for updates</u> VuTek 200 ft. Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool, Sun Shade	201001		\$10,335.00
		<u>Limited, please call for updates</u> VuTek 300 ft. Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool, Sun Shade	201002		\$10,775.00

PUSH CAMERA PRICING



VuTek		<u>Limited, please call for updates</u> VuTek 400 ft. Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool, Sun Shade	201003		\$11,215.00
IV2 Tablet		<u>Currently in redesign, please call for updates</u> IV2 Tablet Mini-Reel 150' Includes: Accessory bag, 1" & 2" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	204006		\$9,345.00
		<u>Currently in redesign, please call for updates</u> IV2 Tablet 200' Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	204001		\$9,785.00
		<u>Currently in redesign, please call for updates</u> IV2 Tablet 300' Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	204002		\$10,225.00
		<u>Currently in redesign, please call for updates</u> IV2 Tablet 400' Includes: Accessory bag, 2" & 3" skids, 8gb USB stick, debris bag, manual, power cord, car adapter, interconnect cable, S-tool	204003		\$10,665.00

PUSH CAMERA PRICING



COMMAND MODULES ONLY					
Fully functioning LCD displays, with recording and text overlay, footage counter overlay, USB interface					
Unit	Image	PART	Part #		MSRP
Mini Vu		<u>Currently in redesign, please call for updates</u>	114002		\$2,411.00
		Mini Vu Command Module Includes Accessory Bag, M18 Battery & Charger, tough claw, socket mount, USB Drive, video interconnect cable			
Opticam		Opticam Command Module Includes USB stick, AC power cord, Car Adapter, video interconnect cable, Debris Cover, Accessory Bag, 2" & 3" Skids	214003		\$3,331.00
IV2 Tablet		<u>Currently in redesign, please call for updates</u>	204018		\$5,861.00
		IV2 Tablet Includes USB stick, AC power cord, Car Adapter, video interconnect cable			
VuTek		Vutek Command Module Includes USB stick, AC power cord, Car Adapter, video interconnect cable	214001		\$6,896.00
FULLY FUNCTIONING REEL					
Interchangeable to all control display recorders-with terminated cable, camera, skids					
Unit	Image	PART	Part #		MSRP
Reels		Reel, Mini with Mini Camera Head - 150' Includes accessory bag, 2 & 3" skids, debris bag, S tool	212017		\$3,909.00
		Reel, SL Camera Head - 200' Includes accessory bag, 2 & 3" skids, debris bag, S tool	212001		\$4,369.00
		Reel, SL Camera Head - 300' Includes accessory bag, 2 & 3" skids, debris bag, S tool	212002		\$4,829.00
		Reel, SL Camera Head - 400' Includes accessory bag, 2 & 3" skids, debris bag, S tool	212003		\$5,289.00



















PUSH CAMERA PRICING



Unit	Image	PART	Part #		MSRP
Opticam	not pictured	Opticam CM Recorder Upgrade For Legacy 15V Systems Only	214015		\$918.00
VuTek	not pictured	VuTek CM Recorder Upgrade For Legacy 15V Systems Only	214016		\$918.00
ACCESSORIES (included in purchase of complete unit-can also be purchased as replacement/addition)					
Unit	Image	PART	Part #		MSRP
Mini Reel Only		1 inch Sleeve Skid	178015		\$71.00
		2 inch Sleeve Skid	178016		\$106.00
Used with all units		2 inch Sleeve Skid	178001		\$64.00
		3 inch Sleeve Skid	178004		\$110.00
		Accessory bag	511001		\$57.00
		DC Car Plug Adapter	561003		\$26.00
		Debris Cover	111005		\$73.00
		Power Supply 12V	554013		\$104.00
		Ram Mount Kit Includes: 505001, 505004, 505005, 505006, 529808(x4)	505010		\$87.00
		Spring Removal Tool Large	177001		\$42.00
VuTek Only		Vutek Sunshade	111003		\$91.00
OPTIONAL ITEMS AT TIME OF PURCHASE OR POST PURCHASE (Not Included At Time Of Purchase)					
	Image	PART	Part #		MSRP
OPTIONAL ITEMS AT TIME OF PURCHASE OR POST PURCHASE (Fits only 200, 300, 400)		Rolling Centering Skid	178020		\$459.00
		3x LED Light Kit (Used on The Rolling Centering Skid)	178022		\$115.00
		URS4-Mini Roller Skid	178023		\$115.00
		JetCam Carrier Attachment	178029		\$459.00

PUSH CAMERA PRICING



OPTIONAL ITEMS AT TIME OF PURCHASE OR POST PURCHASE (Fits only 200, 300, 400)		Locator 512Hz with Case	553008		\$1,720.00
		12 Volt M18 Battery Adapter	200035		\$227.00
		15 Volt M18 Battery Adapter	200036		\$227.00
		Converter: Dewalt 20v to M18	125004		\$67.00
		128GB Storage (Opticam or VuTek)	543016		\$287.00
END USER WEAR AND TEAR SERVICE PARTS (Does Not Require Service Tech)					
Unit	Image	PART	Part #		MSRP
		COMPLETE Camera Head	206001		\$2,180.00
		Flex-Spring	517005		\$183.00
		Set Screw	521071		\$2.00
		Sonde/Transmitter 512Hz	106013		\$794.00
		Mini Push Rod Terminated - 150ft (Mini Reel Only)	227005		\$1,552.00
		Push Rod Terminated - 200ft	200900		\$2,012.00
		Push Rod Terminated - 300ft	200901		\$2,472.00
		Push Rod Terminated - 400ft	200902		\$2,932.00
		Video Interconnect Straight	138002		\$160.00
		Patch Cable	558002		\$287.00
		Large Wheel	509510		\$64.00
		72" Power Adapter Cable (M18 Battery Adaptor)	538055		\$30.00
		10-Pin Harness	238033		\$133.00

PUSH CAMERA PRICING



		Key	525009		\$5.00
15V Systems Only		Remote Control 15V Systems Only (Legacy Models Call to Confirm)	253003		\$44.00
		15V Power Supply Kit 15V Systems ONLY (Legacy Models Call to Confirm)	554018		\$104.00
	not pictured	Battery Pack 15V Vutek Systems ONLY (Legacy Models Call to Confirm)	167001		\$229.00
Mini Reel Only		Mini Camera Spring	517003		\$180.00
		Mini Camera and Sonde	206010		\$1,966.00
SERVICE CENTER REPAIR PARTS (SERVICE PERSONNEL ONLY)					
Camera Termination Tool Kits (All Units using the 200', 300', 400' Reels)					
Unit	Image	Description	Part #		MSRP
Camera Tools		Camera Tool Used to disassemble the camera head	189005		\$149.00
Push Rod Termination Tools		Push Rod Termination Tool Kit Includes: 189001, 189002, 189003, 189004 Used to complete a re-term	289001		\$459.00
Camera Individual Parts (All Units using the 200', 300', 400' Reels)					
Unit	Image	Description	Part #		MSRP
		Camera Seals 1-506024 3-526006 1- 506040	200041		\$30.00
		Camera Cartridge	206003		\$1,375.00
		Camera Nose Cone	506029		\$459.00
		Camera Body	506004		\$343.00
















PUSH CAMERA PRICING



Camera Termination Individual Parts All Systems with 12 LED Camera		Nylon 15mm Washer	519041		\$4.00
		Bearing 6702 ABEC1	515034		\$22.00
		Bearing 6704 ABEC1	515033		\$44.00
		Bearing Shim Small	518001		\$3.00
		Bearing Shim Large	509008		\$4.00
		Light Ring	506015		\$43.00
		Slip Ring Encoder	263002		\$506.00
		Push Camera Auxiliary Power PCB	106017		\$172.00
Individual Parts Needed to Complete Re-Term Mini					
Unit	Image	Description	Part #		MSRP
Individual Parts Needed to Complete Re-Term Mini		Cable Support	182001		\$25.00
		Inner Housing	182005		\$34.00
		1 mm x 17 mm Buna-N 70 O-Ring	526014		\$2.00
		1.2mm x 3.5mm Metric Buna-N 70 O-Ring	526011		\$2.00
		1mm x 14mm Buna-N 70 O-Ring	526013		\$2.00
		1 x 11.5 Buna 70 O-Ring	526020		\$2.00
		Nylon 15mm Washer	519041		\$4.00
		Pigtail Nut	182006		\$19.00
		Set Screw	521071		\$2.00
		Pigtail Crimp	182007		\$15.00
		Spring Shell	182009		\$43.00
















PUSH CAMERA PRICING



Individual Parts Needed to Complete Re-Term Mini		5" Female Micro Sonde Cord	138003		\$27.00
		12" MALE OVERMOLD 22AWG	135001		\$79.00
		Clamping Nut for Micro System	182027		\$72.00
		Rod Clamp for Micro Camera	182028		\$49.00
		Compression Ferrule for Micro	182026		\$91.00
Complete Re-Term Kit					
Unit	Image	Description	Part #		MSRP
Re-Term Kit		Termination Push-Rod Kit Assembly Includes: 521071 (x2), 526020, 526013, 526014, 135002, 526011 (x2), 182012, 182001, 182002, 182003, 182004, 182005, 182007, 182006, 182008, 182009, 105005 (x2)	212007		\$459.00
Individual Parts Needed to Complete Re-Term (All Units using the 200', 300', 400' Reels)					
Unit	Image	Description	Part #		MSRP
Use to Re-Term Cable Parts for ALL Systems (Individual Parts)		Wire Rope	105005		\$11.00
		24" Female Overmold 22AWG	135002		\$111.00
		Cable Support	182001		\$25.00
		Clamping Nut	182002		\$45.00
		Clamping Nut - Mini	182027		\$71.00
		Set Screw	521071		\$2.00
		Compression Ferrule	182003		\$26.00
		Compression Ferrule -Mini	282026		\$78.00
		Connector Retainer	182004		\$15.00

PUSH CAMERA PRICING



Use to Re-Term Cable Parts for ALL Systems (Individual Parts)		Inner Housing	182005		\$34.00
		Pigtail Nut	182006		\$19.00
		1 mm x 17 mm Buna-N 70 O-Ring	526014		\$2.00
		1.2mm x 3.5mm Metric Buna-N 70 O-Ring	526011		\$2.00
		1mm x 14mm Buna-N 70 O-Ring	526013		\$2.00
		1 x 11.5 Buna 70 O-Ring	526020		\$2.00
		Buna 70 O-Ring - Mini	526026		\$2.00
		Pigtail Crimp	182007		\$15.00
		Rod Clamp	182008		\$32.00
		Brass Shims Flat Washer	182012		\$3.00
		Spring shell	182009		\$43.00
Optional Re-Term Parts (All Units using the 200', 300', 400' Reels)					
Unit	Image	Description	Part #		MSRP
		12" MALE CABLE W/CONNECTOR Includes: 135001 & 182004	238019		\$94.00
		12" MALE OVERMOLD 22AWG	135001		\$79.00
		24" FEMALE CABLE W/CONNECTOR Includes: 135002 & 182004	238018		\$126.00
		24" FEMALE OVERMOLD 22AWG	135002		\$110.00

PUSH CAMERA PRICING



Opticam Command Module (Control Display Recorder)					
Unit	Image	Description	Part #		MSRP
Opticam Command Module		Recorder Board (Camera Sensory Board)	543014		\$459.00
		4HGI Data Overlay Board	543015		\$178.00
		Speaker Harness	238011		\$26.00
		WIFI MODULE	551011		\$149.00
		Microphone Harness	238014		\$30.00
		Standoffs	518013		\$3.00
		DC Power Harness HB J5	238005		\$30.00
		Video & Power	238012		\$33.00
		Video & Power for Accuvue Screen	238032		\$24.00
		24" LVDS Cable	538026		\$26.00
		24" LVDS Cable for Accuvue Screen	556026		\$119.00
		22" LED Cable	538027		\$20.00
		22" LED Cable for Accuvue Screen	556027		\$46.00















PUSH CAMERA PRICING



Additional Individual Parts for the Opticam					
Unit	Image	Description	Part #		MSRP
Additional Individual Parts for the Opticam		Handle Adjustment Clamp, Black	528001		\$25.00
		Axle Mounted Brake Block Rev F	176007		\$95.00
		RCPT CIRC 10 Pin PNL MNT	534525		\$95.00
		Slide-n-Lock Univ. Dock Plate	505001		\$43.00
		10.4" Accuview LCD Screen	556025		\$731.00
		Membrane Keypad 12V only	179012		\$126.00
		Keypad Red	179013		\$183.00
		Keypad Green	179014		\$152.00
		RCA 3 Headed Plug Assembly	558001		\$45.00
Additional Individual Parts for the Opticam (Continued)					
Unit	Image	Description	Part #		MSRP
Additional Individual Parts for the Opticam		RAM Rail Base w/Ball Bolts	505006		\$22.00
		Cane Tips, 3/4" OD	538007		\$9.00
		10-Pin Harness	238003		\$133.00
		Cable Guide Ring	166012		\$37.00
VuTek Command Module (Control Display Recorder)					
Unit	Image	Description	Part #		MSRP
VuTek Command Module		Recorder Board (Camera Sensory Board)	543014		\$459.00
		4HGI Data Overlay Board	543015		\$178.00








PUSH CAMERA PRICING



VuTek Command Module		10.4" Display Driver Board	556015		\$290.00
		Speaker Harness CPU J5	238011		\$26.00
		WIFI MODULE	551011		\$149.00
		Microphone Harness MK 1	238014		\$30.00
		Board Standoff	518013		\$3.00
		DC Power Harness HB J5	238005		\$30.00
		Harness CPU J9 (Video & Power)	238012		\$33.00
		24" LVDS Cable	538026		\$26.00
		22" LED Cable	538027		\$20.00
	Not Pictured	Back Case VuTEK	175006		\$448.00
	Not Pictured	Front Case VuTEK	175007		\$778.00
Additional Individual Parts for the VuTek					
Unit	Image	Description	Part #		MSRP
Additional Individual Parts for the VuTek		Handle Adjustment Clamp, Black	528001		\$25.00
		Axle Mounted Brake Block Rev F	176007		\$95.00
		10 Pin Panel Mount	534525		\$95.00
		Washer Rubber 5/16" Fender	519685		\$4.00
		RCA 3 Headed Plug Assembly	558001		\$45.00

PUSH CAMERA PRICING




Additional Individual Parts for the VuTek		Cane Tips, 3/4" OD	538007		\$9.00
		Comfort-Grip Knurled-Rim Knob	528775		\$9.00
		Cable Guide Ring	166012		\$37.00
		ISV Keypad	179015		\$306.00
		8.4" LCD Display Screen	556009		\$756.00
	Not Pictured	Right Hand Bracket	100064		\$44.00
	Not Pictured	Left Hand Bracket	100065		\$44.00
		12 Pin Plug	516010		\$9.00
		Handle Weldment	166002		\$316.00
Shipping / Packing Essentials					
Unit	Image	Description	Part #		MSRP
	Not Pictured	Box (Standard Reel Only)	571015		\$42.00
	Not Pictured	Foam Set (Standard Reel Only)	571066		\$155.00



MAINLINE CRAWLER







COMPLETE SYSTEMS

	Image	Description	Part #		MSRP
		IRIS MAINLINE CRAWLER IRIS mainline inspection system that is spooled for 600 feet of cable, motorized reel drum and pan & tilt crawler Complete All-In-One Mainline Inspection System	208001		\$38,495

INDIVIDUAL COMPONENTS

	Image	Description	Part #		MSRP
Individual Components		IRIS CRAWLER BODY Complete IRIS Crawler Includes crawler carrying case, small and mid-sizes tires.	204010		\$17,245
		IRIS MOTORIZED REEL Includes 600' of 75 ohm coax cable. Kevlar braided 1,200 lbs. break strength Includes: Controller, Rain cover, sunshade and associated tools. (Sold as Each)	208003		\$24,145

OPTIONS FOR THE CRAWLER

	Image	Description	Part #		MSRP
Options For The Crawler		512hz SONDE This a 512hz sonde (transmitter) that is installed on the camera head of the pan & tilt crawler. An optional install for the crawler to be locatable inside of a pipe. Sold separately.	543007		\$800
		512hz LOCATOR W/CASE This device (wand) is used to locate the sonde (transmitter) inside of the pipe. Signal strength will increase as locator is closer to the transmitter. Sold separately.	553008		\$1,720
		IRIS PNEUMATIC TIRE The pneumatic tire is used for 12 to 18 inch pipe size. Includes: one pneumatic tire, one large hub, and four bolts. Sold separately. (Sold as Each)	204004		\$195
		IRIS LIFTING HOOK This hook is used for lowering/lifting the crawler. Optional Accessory.	525002		\$195

MAINLINE CRAWLER



OPTIONS FOR THE CRAWLER (Continued)

	Image	Description	Part #		MSRP
Options For The Crawler		DOWN-HOLE ROLLER	178007		\$818
		ADJUSTABLE TOP MANHOLE ROLLER	558005		\$766
		5' LOWERING POLE	558006		\$146
		Cua Claw Wheel 3"	509009		\$443
		Cua Claw Wheel 4"	509007		\$547
		TIGER-TAIL, 2" This tiger tail is used to protect the cable from rubbing onto the edge of the pipe. 2' Size	558004		\$79
		TIGER-TAIL, 3" This tiger tail is used to protect the cable from rubbing onto the edge of the pipe. 3" size	558008		\$95

UPGRADES

	Image	PART	Part #		MSRP
	not pictured	IRIS Digital HCNTL Kit	204012		\$2,295

MAINLINE CRAWLER












SERVICE, REPAIR AND REPLACEMENT PARTS

	Image	Description	Part #		MSRP
Service, Repair and Replacement Parts		TERMINATION KIT IRIS REEL CABLE RETERM	282008		\$229
		AC POWER CORD 12' This is power cord is used for powering up the IRIS and push camera systems. Service, repair or replace. Included in the IRIS system. (Sold as Each)	538005		\$17
		IRIS STRAIN RELIEF KIT The strain relief kit is used to reduce friction on the cable. Two metal lanyards, one housing and 2 set-screws. Included with the system. (Sold as Each)	265001		\$229
		Front Bezel Assembly This faceplate kit is used for changing out the faceplate or dome. Includes a dome, front bezel, LED window and gasket-115019.	204011		\$298
		IRIS SMALL TIRE This small rubber tire is used for 6 to 8 inch pipe inspections. Replacement	509004		\$37
		IRIS MIDI TIRE This mid-size rubber tire is used for 8 to 12 inch pipe inspections. Replacement	509005		\$49
		IRIS TIRE RETAINER This tire retainer is used with the wheel hub to hold the small and mid-size tires. Replacement	131001		\$49
		WHEEL HUB This hub is used with the tire retainer to hold the small and mid-size tires. Service, repair or replace.	119005		\$160
		REMOTE This remote controls the functionality on lcd monitor (older IRIS unit) Service, repair or replace.	253007		\$33
		SUNSHADE This cover is used for viewing in the sunlight. Service, repair or replace.	557001		\$64

MAINLINE CRAWLER




SERVICE, REPAIR AND REPLACEMENT PARTS (Continued)

	Image	Description	Part #		MSRP
Service, Repair and Replacement Parts		SCREEN COVER This cover protects the screen while transporting or setting up the system. Service, repair or replace.	557002		\$52
		RAIN COVER This cover prevents rain and debris from getting into the mainline system. Service, repair or replace.	557003		\$38
		SIZE 14 SHELL PANEL GASKET	515028		\$3
	Not Pictured	12-POSITION PLUG CONNECTOR	534081		\$125
		12-POSITION RECEPT CONNECTOR	534082		\$49
		10.1" DAYLIGHT TOUCHSCREEN	556018		\$1,011
		IRIS CAMERA REAR COVER GASKET	115014		\$11
		IRIS CAMERA BEZEL GASKET	115046		\$13
		IRIS CAMERA SONDE COVER GASKET	115047		\$14
		IRIS CAMERA SONDE COVER	158003		\$189
	Not Pictured	PNEUMATIC WHEEL HEX HUB ADAPT	175038		\$149

MAINLINE CRAWLER



SERVICE, REPAIR AND REPLACEMENT PARTS (Continued)

	Image	Description	Part #		MSRP
Service, Repair and Replacement Parts	Not Pictured	Headlight Assembly	208101		\$87
	Not Pictured	Camera Body Interconnect Assembly	208102		\$41
	Not Pictured	PRIMARY LIFT ARM (2 PIECES)	176024		\$78
		IRIS LOGITECH F310 GAMEPAD	553009		\$65
	Not Pictured	IRIS Shipping Crate	571027		\$229



Trio-Vision, LLC, 2270 Northwest Pkwy SE, Suite 145, Marietta, GA 30067
Phone: (770) 435-8991 | Fax: (770) 435-0402
www.trio-vision.com

2024 Trio Vision Pipe Inspection Portable System:

Retail Pricing Included: Complete System **TVS15+**

HD Pan & Tilt Zoom Camera

Robot15+ Crawler for 6"-60"

Steerable Crawler includes: 512Hz

PC/Portable All in One Control unit.

Wireless/Wired Motorized cable reel with 990ft/300m of cable

Auxiliary Light Head w/Rear Facing Camera

Rubber Wheels included: 3", 4", 6", 8" and 10" wheels.

Carbide Wheels Included: 3" and 4" (1 set is two wheels each size)

Pipevideo Pro Software & Team Viewer Software

Basic AssetDMS

Powered Elevator

Auxiliary Light head

Rear Facing Camera

Wheel support for large pipe

Storage Cases for Camera, Controller and Crawlers

Tiger Tail & Top

Roller Retrieval Rope with Hook

Tool Box

UPS/Battery Backup

Wi-Fi Dongle

1 Year Warranty

\$68,978.00

Retail Pricing Included: Complete System **TVS2000**

Pan & Tilt Zoom Camera

PC/Portable All in One Control unit

Wireless/Wired Motorized cable reel with 990ft/300m of cable

TVS-150 Steerable Crawler for 6"-12" Diameter Pipe 33Hz

Auxiliary Light Head w/Rear Facing Camera

Rubber Wheels included: 3", 4" and 6" wheels

Carbide Wheels Included: 3" and 4" (1 set is two wheels each size)

Pipe Pro Software Team Viewer Software



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Phone: (770) 435-8991 | Fax: (770) 435-0402
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Basic AssetDMS
TVS-300 Crawler for 12"-60"" Steerable Crawler includes: 512Hz
Powered Elevator
Auxiliary Light head
Rear Facing Camera
6", 8" and 10" wheels and extenders
Storage Cases for Camera, Controller and Crawlers
Tiger Tail &Top
Roller Retrieval Rope with Hook
Tool Box
UPS/Battery Backup
Wi-Fi Dongle
1 Year Warranty **\$58,978.00**

A One Crawler System: TVS-150 or TVS-300 System **\$50,978.00**

Additional Crawler: If needed after purchase of a One Crawler System

TVT-150 Steerable Crawler for 6"-12" Diameter Pipe
Auxiliary Light Head w/Rear Facing Camera
Rubber Wheels included: 3", 4" and 6" wheels
Carbide Wheels Included: 3" and 4" (1 set is two wheels each size)

OR

TVT-300 Crawler for 12"-60"" Steerable Crawler includes:
Powered Elevator
Auxiliary Light head
Rear Facing Camera
Protective case for Crawler
6", 8" and 10" wheels and extenders **\$14,998.00**

Retail Pricing **TVS23** All-in-One video inspection camera **\$2,798.00/10"HD**
\$1,988.00/7"STD

Retail Pricing Xplorer II HD Pole Camera (Tablet not included) **\$16,978.00**



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Phone: (770) 435-8991 | Fax: (770) 435-0402
www.trio-vision.com

Options: NASSCO PACP Certified Software (QTY discount available to customer)	\$7,498.00
Software Tech Support Yearly (up to 3 License) No Discount	\$2,498.00
Trio-Vision Phone Support Yearly (trouble shooting by phone) No Disc.	\$598.00***
Additional Trio Camera PTZ Camera	\$9,698.00
Manual Gantry for TVT-150 Crawler	\$2,998.00
Re-Term Kit	\$598.00
Nitrogen Regulator Kit w/ 1 Bottle	\$328.00
Nitrogen Bottle	\$88.00
3" Carbide Wheels (set of 2)	\$598.00
4" Carbide Wheels (set of 2)	\$648.00
3" Replacement Rubber Wheels (set of 4)	\$908.00
4" Replacement Rubber Wheels (set of 4)	\$1038.00
6" Replacement Rubber Wheels w/25mm spacer (set of 4)	\$1,298.00
8" Replacement Rubber Wheels (set of 4)	\$1,598.00
8" Replacement Aggressive Rubber Wheels (set of 4)	\$1,598.00
10" Replacement Rubber Wheels (Set of 4)	\$1,798.00
75mm Wheel Spacers (Set of 4 for 10" Wheels)	\$648.00
50mm Wheel Spacers (Set of 4 for 8" & 10" Wheels)	\$438.00
Weighted Plates for TVS-150	\$538.00
Training 1 day No Discount	\$1,798.00

**Freight not included.

***Trio-Vision Phone Support. Also gives the customer 10% discount on parts and labor.