

# General PIPE CLEANERS

*The toughest tools down the line.™*



*General Wire Spring Co.*

# Power Drain Cleaner Comparison Chart

	Typical Applications	For Use in Following Pipe Sizes	Maximum Capacity	Operating Weight	Maximum Recommended Distance	Motor Horsepower
<b>Super-Vee</b> <b>Power-Vee</b> <b>Handyelectric</b> Pages 4 – 7 <b>Drain-Rooter</b> Page 8 <b>Drain-Rooter PH</b> Page 9	Sinks, Bathtubs, Roofstacks	1-1/4" – 3" 30 mm x 75 mm	35 ft. x 3/8" or 50 ft. x 1/4" or 5/16" 10.5 m x 9.5 mm or 15 m x 7.9 mm	16 lbs. with 25 ft. x 3/8" 7 kg 29 lbs./13 kg 34 lbs./15 kg	50 ft. 15 m	3.2 amp
<b>Mini-Rooter</b> <b>Mini-Rooter XP</b> Pages 10 – 13	Small Drains, Inside Work, On Roofs	1-1/4" – 3" and most 4" 30 mm – 100 mm (Not For Roots)	75 ft. x 1/2" or 3/8" 22.5 m x 12.7 mm	51 lbs. With 75 ft. x 3/8" 23 kg	75 ft. 22.5 m	1/3 hp
<b>Sewerooter T-3</b> Pages 14 – 15	Small Drains, Inside Work, On Roofs (Not For Roots)	1-1/4" – 3" and most 4" 30 mm – 100 mm	100 ft. x 1/2" 30 m x 12.7 mm	115 lbs. 52 kg	100 ft. 30 m	1/3 hp Optional 1/2 hp
<b>I-95</b> Pages 24 – 25	Small Drains, Inside Work, On Roofs	1-1/4" – 4" 30 mm – 100 mm (Not For Roots)	Not Applicable	42 lbs. Without Sections 19 kg	125 ft. x 5/8" cable 150 ft. x 7/8" cable 38 m x 15.8 mm 45m x 22.4 mm	1/3 hp Optional 1/2 hp
<b>Root 66</b> Pages 26 – 27	Small Drains, Inside Work, On Roofs	1-1/4" – 4" 30 mm – 100 mm	Not Applicable	42 lbs. Without Sections 19 kg	125 ft. x 5/8" cable 150 ft. x 7/8" cable 38 m x 15.8 mm 45 m x 22.4 mm	1/2 hp
<b>Metro-Rooter</b> Pages 16 – 17	Combination Sewerooter T-3 and Maxi Rooter	2" to 10" 50 mm – 250 mm	50 ft. x 3/4" or 75 ft. x 5/8" or 100 ft. x 1/2" 15 m x 19 mm or 22.5 m x 15.8 mm or 30m x 12.7 mm	153 lbs with 75 ft. 69 kg	150 ft. 45 m	1/3 hp
<b>Speedrooter 91</b> Pages 18 – 19	Combination Sewerooter T-3 and Maxi-Rooter	2" – 10" 50 mm – 250 mm	100 ft. x 3/4" or 5/8" 100 ft. x 1/2" 30 m x 19 mm or 30 m x 12.7 mm	239 lbs. 108 kg	200 ft. 60 m	1/2 hp optional 3/4 hp
<b>Sewermatic 100</b> Pages 20 – 21	Heavy Duty, Roots, Sand, Rags, Industrial Plants	3" – 10" 75 mm – 250 mm	50 ft. x 3/4" or 75 ft. x 5/8" 15 m x 19 mm or 22.5 m x 15.8 mm	160 lbs. With 50 ft. 72 kg	175 ft. 54 m	3/4 hp
<b>Maxi-Rooter</b> Pages 22 – 23	Heavy Duty, Roots, Sand, Rags, Industrial Plants	3" – 10" 75 mm – 250 mm	125 ft. x 3/4" or 150 ft. x 5/8" 37.5 m x 19 mm or 45 m x 15.8 mm	250 lbs. 114 kg	200 ft. 60 m	3/4 hp optional 1 hp
<b>Model 88</b> Pages 28 – 29	Heavy Duty, Roots, Sand, Rags, Industrial Plants	3" – 10" 75 mm – 250 mm	Not Applicable	80 lbs. Without Sections 36 kg	200 ft. 60 m	3/4 hp optional 1 hp
<b>Hot-Rodder</b> Pages 30 – 31	Heavy Duty, Roots, Sand, Rags, Industrial Plants	3" – 10" 75 mm – 250 mm	Not Applicable	96 lbs. Without Sections 13 kg	200 ft. – 60 m 300 ft. – 90 m	3/4 hp optional 1 hp
<b>Rodrunner and Rodrunner "E"</b> Pages 32 – 33	Heavy Duty, Roots, Sand, Rags, Industrial Plants	3" – 10" 75 mm – 250 mm	Not Applicable	90 lbs. Without Sections 41 kg	200 ft. – 60 m 300 ft. – 90 m 500 ft. – 150 m	3/4 hp 1 hp 6.5 hp Gas Engine
<b>Jet-Set</b> <b>J-2512</b> <b>J-3080</b> <b>J-3055</b> <b>J-3000</b> <b>J-2900</b> <b>J-1600</b> <b>J-1450</b> <b>J-1400</b> Pages 38 – 41	Grease, Sand, Soft Stoppages, and Ice	1/2" hose 4" thru 12" 100 mm x 300 mm 3/8" hose 4" thru 8" 100 mm x 200 mm 1/4" hose 2" thru 4" 50 mm x 100 mm 1/8" hose 1-1/2" thru 2"	400 ft. x 1/2" Not Applicable 300 ft. x 3/8" 300 ft. x 3/8" 300 ft. x 3/8" 150 ft. x 1/4" 150 ft. x 1/4" Not Applicable	1800 lbs. (816kg) 295 lbs. (134kg) 235 lbs. (107 kg) 203 lbs. (92 kg) 173 lbs. (78 kg) 130 lbs. (59 kg) 105 lbs. (48 kg) 71 lbs. (32 kg)	400 ft. x 1/2" hose 120 m x 12.7 mm 300 ft. x 3/8" hose 90 m x 9.5 mm 200 ft. x 1/4" hose 60 m x 6.4 mm 75 ft. x 1/8" hose 22.5 m x 3.2 mm	24 hp Gas Engine 20 hp Gas Engine 16 hp Gas Engine 13 hp Gas Engine 13 hp Gas Engine 1-1/2 hp 13 amp 1-1/2 hp 13 amp 1-1/2 hp 13 amp

Use 1/4" Cable in 1-1/4" – 2" Lines ■ 5/16" Cable in 1-1/2" – 2" Lines ■ 3/8" Cable in 2" – 3" Lines ■ 1/2" Cable in 3" – 4" Lines (Not Roots)

5/8" Cable in 3" – 6" Lines ■ 3/4" Cable in 4" – 10" Lines ■ 5/8" Sectional in 1-1/4" – 3" Lines ■ 7/8" Sectional in 2" – 4" Lines ■ 1-1/4" Sectional in 3" – 10" Lines

# General's Limited Warranty & Index

General's drain cleaning machines, Gen-Ear LE water leak locators, Cold-Shot pipe freeze kits, and water jets carry a one year limited warranty against defect or breakage except as noted below. Should any part break or fail to work properly in the year following purchase, it will be repaired or replaced at our discretion at no charge.

If a Flexicore® cable or Flexicore® closet auger should break during this period, it too will be repaired or replaced at our expense, the choice to be made by us. No adjustment can be made on kinked cables, since a kink is evidence of abuse and results from the use of too much pressure or use in too large a line. Also, no adjustment can be made where there is considerable wear at the point of the break, or if a hand cable is used in a power machine.

Some parts, such as cutters, leaders, push rods, jet hoses, and nozzles, are subject to severe wear and are repaired or replaced within one year only if a flaw in the material causes breakage.

"G", "L", and "R" type sectional cables and SP-type cables are covered by a 90-day warranty, in accordance with the terms outlined above.

Hot-Shot pipe thawing machines, Gen-Eye GL and Spectra pipe inspection/location systems carry a two-year limited warranty (except the monitor, VCR, and DVDR which are warranted for one year) against defect in materials except as noted below. Should any part break or fail to work properly in the two years following purchase, it will be repaired or replaced at our discretion at no charge.

**Damage due to negligence, rust, exposure to corrosive chemicals, improper usage, failure to follow instructions, accidents, or alteration from original design is not covered by this warranty.**

In order to handle any adjustment with a minimum of delay, please follow this procedure:

1. Return the part to your wholesaler, and have them notify us immediately with complete information on the problem.
2. On power machines, we must have the serial number, the date of purchase, and the name of the wholesaler from whom your machine was purchased. To activate your machine warranty, your warranty card must be filled out and sent to us immediately after your machine is purchased.
3. We will then advise your wholesaler if the part should be returned to us and assign a Return Merchandise Authorization (RMA) number. Ship freight prepaid, and you will be compensated for these charges if it is determined that the part is defective.

If repairs are necessary due to conditions beyond our control, or if the item is out of warranty, we will do the work at the lowest possible cost, but a charge will be made.

**This warranty is made in place of other warranties, expressed, statutory or implied, including those of merchantability and of fitness for purpose. General shall not be responsible for any incidental or consequential damages.**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion of limitation of incidental or consequential damages, so these limitations may not apply to you.

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# Super-Vee™ *The Small Line Specialist*

The Super-Vee™ offers you a complete system for cleaning drain lines through 3" in diameter. With a variety of cables, cutters, and accessories available, you have the right combination for any clogged drain problem.

The Super-Vee is built to clear clogged drains for a decade or more. And our Dyna-Thrust™ bearing system is one reason why. It helps carry the weight of the drum, significantly reducing wear on the motor shaft bearing and extending the life of the tool. Of course the cables are Flexicore® – with an integral wire rope center. Nobody makes cables like General.

With a quick movement of the Grip Shield, you release or engage the cable – without the need for a chuck, and with automatic adjustment for different diameter cables. As a result, you get your cable into the line faster, pull it out faster, and have full control at all times. Because the chuck is linked to the Grip Shield, handling is easy and comfortable.

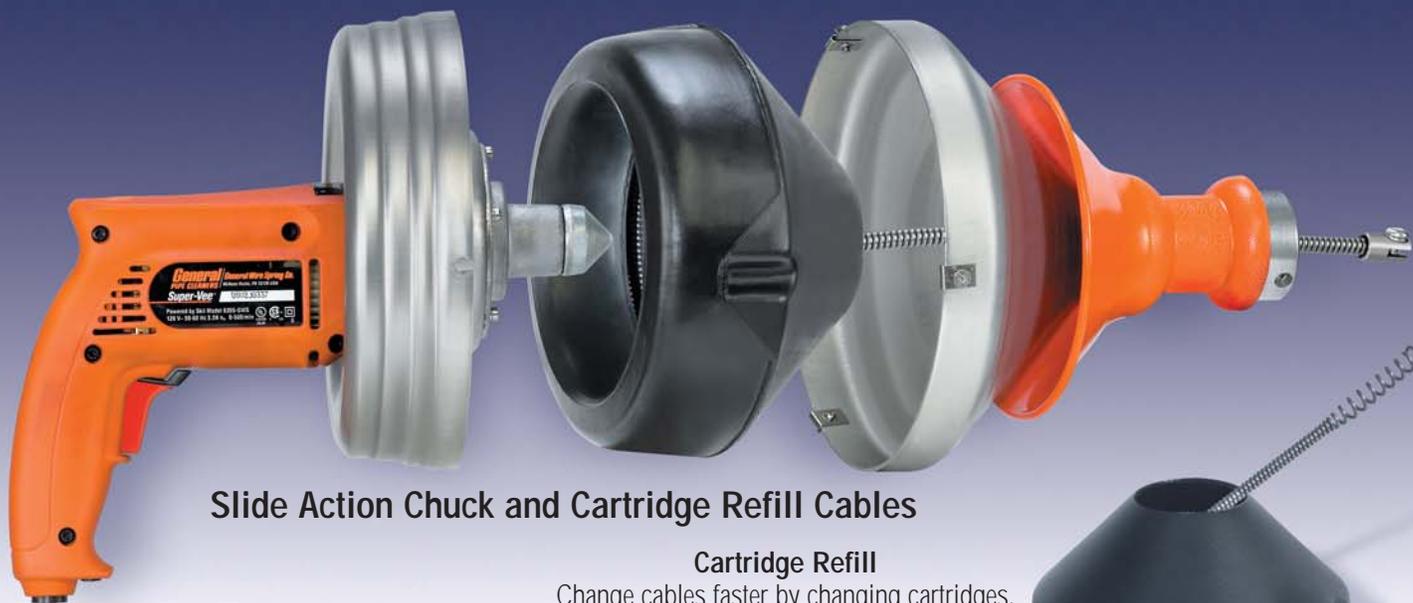
To switch to a different diameter cable (or even connect two 3/8" cables together), you just loosen three screws, pull the front of the drum off the cable, and load in another cartridge. Changing takes less than a minute and turns what could be a messy job into a clean one. The tough plastic cartridges are so inexpensive, you'll probably want to store all of your cables in them.



## **Flexicore® Cable** **Wire Rope Center Construction**

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870



## Slide Action Chuck and Cartridge Refill Cables

### Cartridge Refill

Change cables faster by changing cartridges. They're convenient, clean, and inexpensive.



### Specifications:

#### Motor:

All ball-bearing, double-insulated, reversible motor with variable speed control; 0-500 rpm. 230 and 240 volt units available.

#### Drum:

Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

#### Capacity:

50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

#### Cutter Set:

See page 34.

#### Cable Cartridges:

Light weight, impact resistant plastic.

#### Slide Action Chuck:

Grip shield moves back to engage cable, forward to release it. Automatically adjusts for different diameter cables.



1 Slide Grip Shield **Forward** to release cable.



2 Pull cable out of drum.  
3 Slide Shield **Back** to grip cable.



4 Run cable into line and repeat. **It's that quick!**



### Handy-Stand

A convenient portable work stand for the Super-Vee. It can also be used for the Power-Vee or Handylectric.

# Power-Vee™

*With Power Cable Feed – Works Great in Tight Spots*



Power-Vee  
Handy-Stand

**W**hen working under sinks or in other awkward places, the Power-Vee™ is like having an extra hand. Just squeeze the feed lever, and three offset rollers in the automatic feed grip the cable and drive it into the line.

It's easy to use. To feed the cable, start the Power-Vee motor and squeeze the feed lever; to retract, reverse the motor and squeeze. The Power-Vee feeds 3/8" cable at 16 feet per minute.

The Power-Vee handles 1/4" through 3/8" cables without any need for adjustment. Squeezing the feed lever brings the rollers into solid contact with the cable, with minimum effort by the operator.

Our Dyna-Thrust™ bearing system helps carry the weight of the drum, significantly reducing wear on the motor shaft bearing and extending the life of the tool. Also adding to the Power-Vee's durability is the heavy-gauge stamped aluminum drum. Of course the cables are Flexicore® – with an integral wire rope center. Nobody makes cables like General.

The Power-Vee includes Quick-Change Cable Cartridges and tough left-wound Flexicore wire rope center cables.

## Specifications:

### Motor:

All ball-bearing, double-insulated, reversible motor with variable speed control; 0-500 rpm. 230 and 240 volt units available.

### Drum:

Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

### Capacity:

50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

### Cutter Set:

See page 34.

### Cable Cartridges:

Light weight, impact resistant plastic.

### Power Cable Feed:

Feeds and retrieves cable at up to 16 ft./min. Handles 1/4" to 3/8" cables without need for adjustment.



# Handylectric™

Economical Price – Quality Features



Handylectric Handy-Stand

## Specifications:

### Motor:

All ball-bearing, double-insulated, reversible motor with variable speed control; 0-500 rpm. 230 and 240 volt units available.

### Drum:

Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

### Capacity:

50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

### Cutter Set:

See page 34.

### Chuck:

Patented collet-type with tightening handle.

### Grip Shield:

Makes handling easier.

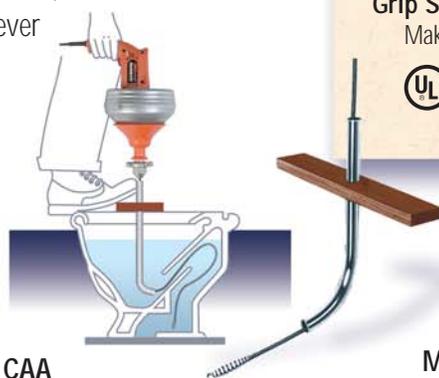


The Handylectric is a tough, simple tool for cleaning lines up through 3". It can use all of the accessories available for the Super-Vee, except the plastic cartridges.

Cables are gripped securely by a collet chuck equipped with a Chuck Tightening Handle, for easy tightening even with slippery hands.

With variable speed control, you use your trigger finger to change motor speed. Start at low speed to eliminate starting "kick." Then run at whatever speed is best for the job.

The large, comfortable Grip Shield makes handling easier. The stamped aluminum drum can't rust or crack and is extremely resistant to dents.



CAA Closet Auger Attachment  
Guides 1/4" or 5/16" cable into bowl.



MCC Carrying Case  
For Super-Vee, Power-Vee and Handylectric.

# Drain-Rooter™

*For Sinks, Showers, and Laundry Tubs*



The Drain-Rooter is a real labor-saver on long jobs, or when working in a cramped area where the weight of the machine could get burdensome.

The drum speed can be varied by changing pressure on the foot pedal, and a quick-change cartridge system lets you switch to a different diameter cable easily. Of course, the cables are super-tough Flexicore® with a wire rope center.

The drum holds up to 50 ft. of 1/4" or 5/16" cable or 35 ft. of 3/8" cable. Units with 3/8" cable include our five piece HECS cutter set.



## Specifications:

### Weight:

19 lbs. (8.5 kg)

### Dimensions:

18" deep x 12" wide x 12" high (45 cm x 30 cm x 34 cm).

### Drum:

Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

### Capacity:

50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

### Chuck:

Jacobs chuck.

### Cutter Set:

See page 34.

### Motor:

All ball-bearing, double insulated, reversible motor with variable speed control; 0-500 rpm. 230 and 240 volt units available.

### Foot Pedal:

Pneumatic foot pedal controls variable speed motor. Leaves operator's hands free to control cable.



# Drain-Router PH™ *The Clean Machine*



Equipped with a variable speed power cable feed and variable speed motor, the Drain-Router PH makes drain cleaning jobs cleaner and easier.

The Drain-Router PH feeds and retrieves the cable at up to 16 feet per minute. A four-foot guide hose eliminates cable whipping, dirty fixtures, and messy floors. The guide tube doubles as a feed control. It allows operator to feed or retrieve the cable with a simple flick of the wrist.

The drum speed can be varied by changing the pressure on the foot pedal, making it easier to thread the boring head through strainers. The Drain-Router PH can be operated in both vertical and horizontal positions to get closer to the drain opening. A quick-change cartridge system allows you to switch to different diameter cables without pulling the old cable out of the drum.



### Feed Control Tube

Gives operator more control. Just twist the tube forward to advance the cable, or twist it back to retract the cable.

Patent # 6,637,064

### Specifications:

#### Weight:

22 lbs. (10 kg.)

#### Dimensions:

22" deep x 13-1/2" wide x 15" high (without hose).  
(56 cm x 34 cm x 38 cm)

#### Drum:

Heavy gauge stamped aluminum with inner drum to prevent cable tangling.

#### Capacity:

50 ft. of 1/4" or 5/16" cable; 35 ft. of 3/8" cable. All cables are left hand wound and reinforced with a wire rope center.

#### Power Cable Feed:

Variable speed with feed control tube.  
Drives 1/4", 5/16", and 3/8" cables.

#### Cutter Set:

See page 34.

#### Motor:

All ball-bearing, double insulated, reversible motor with variable speed control; 0-500 rpm. 230 and 240 volt units available.

#### Foot Pedal:

Pneumatic foot pedal controls variable speed motor. Leaves operator's hands free to control cable.



# Mini-Router™

*Gives You Light Weight with a Long Reach*



**W**ith 75 feet of 3/8" cable and a 1/3 hp motor, the Mini-Router clears lines from roof-top to basement, including kitchen, bath, and laundry drains. You can do heavier work in 4" lines when the Mini-Router is equipped with a 1/2" cable.

This inexpensive, light-weight machine has lots of time-saving features. For instance, you can remove the drum in seconds for more portability or to switch to a different diameter cable – with no mess and no lost time. A distributor tube inside the drum allows you to feed cable in and out without chucking and releasing the cable every few feet – so you finish quicker. An optional power cable feed gives you better feeding and retracting control.

For small drain work, you can order your Mini-Router with a J-Drum or a Dual Drum for handling smaller, more flexible cables. An optional Mini-Router dolly lets you roll the machine to and from the job on 8" semi-pneumatic wheels.



## **Power Cable Feed**

Variable speed power cable feed attachment (optional) gives better feeding and retracting control. Quickly adjusts for 3/8" or 1/2" cables without the need for tools or additional parts. Swings out of the way to make drum changing as easy as ever. Fits all Mini-Router models.

Catalog Number PO-MR



## **Flexicore® Cable**

### **Wire Rope Center Construction**

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870

Some Mini-Router safety features: A foot pedal that uses air pressure to start and stop the machine, with no electrical wiring between pedal and motor, a Ground Fault Circuit Interrupter, and a high impact plastic guard covering the motor pulley.



### Mini-Rooter Dolly

This lightweight but sturdy dolly is designed especially for the Mini-Rooter. It slips on or off in less than a minute and holds the machine securely.

Catalog Number MR-W



### Removable Drum

You can take the drum off the Mini-Rooter in seconds.



### J-Drum

With a J-Drum, you're ready for small drain work in seconds. Equipped with a collet chuck with tightening handle. Will hold any Super-Vee cable.

Catalog Number MR-250

### Dual Drum

Holds two small diameter cables at the same time.

For instance, you can switch from a 1/4" to a 3/8" size without removing either one from the drum. Smaller cable is in an inner drum, while larger cable is between inner

drum and drum shell.

Will hold any Super-Vee cable.



Catalog Number MR-280

## Specifications:

### Weight:

37 lbs. (17 kg) without cable.

### Dimensions:

18" deep x 12" wide x 19" high. (45 cm x 30 cm x 46 cm).

### Drum:

Capacity of 75 ft. of 3/8" or 1/2" Flexicore wire rope center cable. Integral distributor tube. Oilite bronze and ball thrust bearings.

### J-Drum:

Capacity of 50 ft. of 1/4" or 5/16" Flexicore cable.

### Dual Drum:

Capacity of 25 ft. of 1/4" or 5/16" in inner drum. 50 ft. of 5/16" or 3/8" Flexicore cable in outer drum.

### Cutter Set:

See page 34.

### Motor:

1/3 hp, with forward-off-reverse switch, spring-loaded mounting for proper belt tension.

### Load Speed:

165 rpm.

### Belt Guard:

High impact plastic.

### Power Cable Feed

(Optional) Drives 1/2" and 3/8" cables.

### Foot Pedal:

Leaves operator's hands free to control cable. Uses air pressure, so there's no electrical contact between pedal and motor.

### Power Cord:

10 ft. 3-wire vinyl covered with molded plug. In-line Ground Fault Circuit Interrupter.

### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

# Mini-Rooter XP™

*Extra Portability and Performance*



The Mini-Rooter XP gives you extra portability because 8" semi-pneumatic wheels let you keep the weight on the ground. An easy-grip handle folds down to save space and locks to use as an additional lifting handle.

A roll bar protects the 1/3 hp motor when going up or down stairs. And the power cord and foot pedal can be stowed away on convenient cord wraps.

The XP gives you extra performance and value, enabling you to clear clogged drain lines from 1-1/4" to 4" in diameter with just one machine. The drum easily holds 75 feet of 3/8" or 1/2" cable and features a free floating inner drum with an integral distributor tube to help prevent cable tangling. By switching to the optional J-Drum or Dual Drum, you can handle smaller drain lines.

You'll want to equip your XP with a power cable feed too. It makes a lot of tough jobs go much easier. Even with the power cable feed option, the drum is a snap to remove, taking less than a minute.

Of course the XP comes with an air foot pedal and Ground Fault Circuit Interrupter for safety, and General's patented Flexicore wire rope center cable for durability.





### Power Cable Feed

A variable speed power cable feed attachment makes feeding and retrieving the cable much easier. It quickly adjusts between 3/8" and 1/2" cables without the need for tools or additional parts.



### Folding Handle

The handle is tall enough to make it easy to move to the job, yet it can be quickly folded to take less room in your truck.



### Flexicore® Cable

#### Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870

## Specifications:

### Weight:

67 lbs. (30 kg) with power feed and without cable.

### Dimensions:

24" deep x 18" wide x 38" high with handle folded down.  
(61 cm x 46 cm x 96 cm)

### Drum:

Equipped with inner drum and distributor tube to prevent cable tangling under load. Quickly removable from frame.

### Wheels:

8" semi-pneumatic tires with oilite bronze bushings.

### Folding Handle:

Reduces storage space.

### Cutter Set:

See page 34.

### Motor:

1/3 hp with forward-off-reverse switch, spring-loaded mounting for proper belt tension. Load speed 165 rpm.

### Belt Guard:

High impact plastic secured with a tension knob.

### Power Cable Feed:

(Optional) Drives 1/2" and 3/8" cables.

### Foot Pedal:

Leaves operator's hands free to control cable. Uses air pressure, so there's no electrical contact between pedal and motor.

### Power Cord:

10 ft. 3-wire. In-line Ground Fault Circuit Interrupter.

### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

### J-Drum:

See Page 11.

### Dual Drum:

See Page 11.

# Sewerooter T-3™

*For Inside Jobs from 1-1/4" Thru 4" in Diameter*



The Sewerooter T-3 combines large capacity with great portability. The drum holds 100 ft. of 1/2" cable, which is fed into the line with a smooth-operating variable speed power cable feed attachment. The machine rolls on big 8" wheels, has a tough but lightweight tubular frame, and a tall folding handle with a truck loading wheel that makes it easy to move around. And the Passive brake holds the machine in position on the job or in your truck.

Other important features include a quickly removable drum and a 1/3 hp motor with capacitor. Like all General's floor models, the Sewerooter T-3 offers you the safety of a fully grounded electrical circuit, a pneumatic foot pedal and reverse switch with an "Off" position, plus a Ground Fault Circuit Interrupter.





Folding Handle



Guide Tube

Greatly increases the efficiency of units equipped with power cable feed attachments by reducing cable whipping and drag. In addition, when it's difficult to get the machine close to the drain opening, a Cable Guide Tube and extension can literally take you out of the hole. Tube is about 30" long and 1" in diameter. Five foot extensions are made of rigid conduit with a flexible end.

### Power Cable Feed

The Sewerooter T-3's power cable feed option is a real labor saver. It enables you to vary feeding speed in and out of a line more easily than you could manually and also gives you better control when working through tough stoppages. In addition, you can reverse instantly if you hit an obstruction. The power cable feed drives 1/2" and 3/8" cables.



### Flexicore® Cable

#### Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870

### Specifications:

#### Weight:

61 lbs. (28 kg) less cable.

#### Overall Height:

37"; 25" with handle folded down.

#### Drum:

Equipped with inner drum and guide tube to prevent cable tangling under load. Cable can be driven or retracted from line while cable is rotating. Quickly removable from frame.

#### Capacity:

100 ft. (30 m) of 1/2" (12.7 mm) Flexicore wire rope center cable. Use 1/2" cable for 3" – 4" lines; 3/8" cable for 2" – 3" lines; 1/4" or 5/16" for smaller lines.

#### Motor:

1/3 hp heavy duty, capacitor-type with reverse.

#### Load Speed:

167 rpm.

#### Wheels:

8" semi-pneumatic tires with oilite bronze bushings. Passive brake locks wheels during operation.

#### Foot Switch:

Pneumatic, with no electrical contact between pedal and motor.

#### Extension Cord:

20 ft. 3-wire. In-line Ground Fault Circuit Interrupter.

#### Bearings:

Oilite bronze.

#### Power Cable Feed:

Feeds and retracts cable at variable speed by moving control handle up or down.

#### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

#### Standard T-3 Cutter Set:

Flexible Leader, Arrow Head, 1-1/2" U-Cutter, 2" Side Cutter Blades, 3" Side Cutter Blades, 4" Side Cutter Blades, 3" Rotary Saw Blades, and Retrieving Tool.

#### Cables:

1/2" diameter for 3" – 4" lines (Not for roots.)  
3/8" diameter for 2" – 3" lines.

# Metro-Rooter™

*Root Cutting Power at a Great Price*

The Metro-Rooter is a tough root cutting machine in a compact, lightweight package, at a price that's easy on tight budgets. With 75 feet of 5/8" cable it handles roots and other difficult obstructions in 3" to 6" lines – ideal for drain cleaners, plumbers, contractors and building maintenance. This easy to use, one-person operation machine is light enough to take down to the basement or up on the roof.

The Metro-Rooter has many of the features of the bigger capacity root cutting machines, including a variable speed Power Cable Feed that drives and retracts 1/2", 5/8", and 3/4" cable at up to 20 ft. per minute. The heavy-duty powder coated steel drum holds 100 ft. of 1/2" cable for inside lines, 75 ft. of 5/8" cable for roots, or 50 ft. of 3/4" cable for tough jobs. Plus, it features a unique self-aligning Flexitube™ distributor tube to reduce cable tangling.

The Metro-Rooter's heavy-duty reinforced frame and drum support shaft takes rough handling in the field. The 1/3 hp capacitor motor has plenty of power to drive more than 100 ft. of cable. A passive brake system holds the machine in place on the job or in your truck. The ten-inch wheels and a truck loading wheel make it easier for you to transport the machine to and from the job. A cutter holder on the frame keeps all the cutters within easy reach.





### Power Cable Feed

The Metro-Rooter's power cable feed is a real labor saver. It enables you to vary feeding speed in and out of the line, and gives you better control when working tough stoppages. Easily handles 1/2", 5/8", and 3/4" cables.

### Easily Transportable

Ten-inch semi-pneumatic wheels roll easily over rough terrain to and from the job. Truck loading wheel in the handle makes it easy for one person to lift the machine onto a truck bed.



### Folding Handle

The handle is tall enough to make it easy to move to the job, yet quickly folds to take less room in your truck.



### Flexicore® Cable

#### Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870

### Specifications:

#### Weight:

92 lbs. (42 kg) without cable

#### Dimensions:

27" deep x 18-1/2" wide x 46" high  
(26" high with handle folded down)  
68.5 cm deep x 47cm wide x 117 cm high  
(66 cm with handle folded down)

#### Drum Capacity:

50 ft. x 3/4" (15 m x 19 mm)  
75 ft. x 5/8" (22.5 m x 15.8 mm)  
100 ft. x 1/2" (30 m x 12.7 mm)

#### Drum Removal:

Remove one bolt and slide drum off shaft.

#### Motor:

1/3 hp with capacitor start, forward-off-reverse switch,  
20 ft. power cord and ground fault circuit interrupter.

#### Foot Switch:

Pneumatic, with no electrical contact between  
pedal and motor.

#### Power Cable Feed:

Drives and retracts cable at variable speed without  
having to reverse motor rotation.

#### Wheels:

10" semi-pneumatic with roller bearings.

#### Wheel brake:

Passive wheel brake system holds the machine in place  
on the job and in the truck.

#### Truck Loading Wheel:

Enables one person to lift machine into truck bed.

#### Cutter Holder:

Cutter Holder on the frame keeps all the cutters  
within easy reach.

#### Leather Gloves:

With double-reinforced palm, for hand protection when  
guiding cable.

#### Cables:

Left-wound Flexicore wire rope center. 3/4" for 4"  
to 10" lines and 3" lines without sharp bends;  
5/8" diameter for 3" to 6" lines;  
1/2" diameter for 3" to 4" lines. (Not for roots.)

# Speedrooter 91™

*Easier Handling – Same Toughness*



The Speedrooter 91 has root cutting power plus the ability to do small drain work. For smaller lines, you switch to a drum that holds 1/2" cable, a job that takes less than a minute. Just loosen three knobs, swing the motor to the side, and lift off the drum.

The power cable feed drives 3/4", 5/8", and 1/2" cables and has the pulling power to get your cable out of the line even on long, tough jobs. To adjust for 3/4" or 5/8" cables, you simply turn the knob on top of the feed. The screwdriver stays in the tool box.

Getting to and from the job is easier because the Speedrooter 91 has big ten-inch wheels, V-belt stair climbers to get up and down stairs easier, and a loading wheel mounted on the handle to help you lift the machine into a truck.

This lean but tough machine can really take a beating, with extra bracing at key stress points. The drum is supported front and back for longer bearing wear and smoother operation. The large drum has a see-through inner cage, so that the operator quickly can tell how much cable is left in the drum.

Standard equipment also includes a Ground Fault Circuit Interrupter and an "Off" position on the reverse switch, so the machine won't start if the pedal is pressed accidentally.





### Portability, Convenience, and Safety

Equipped with ten-inch wheels, stair climbers, tool box, and Ground Fault Circuit Interrupter.



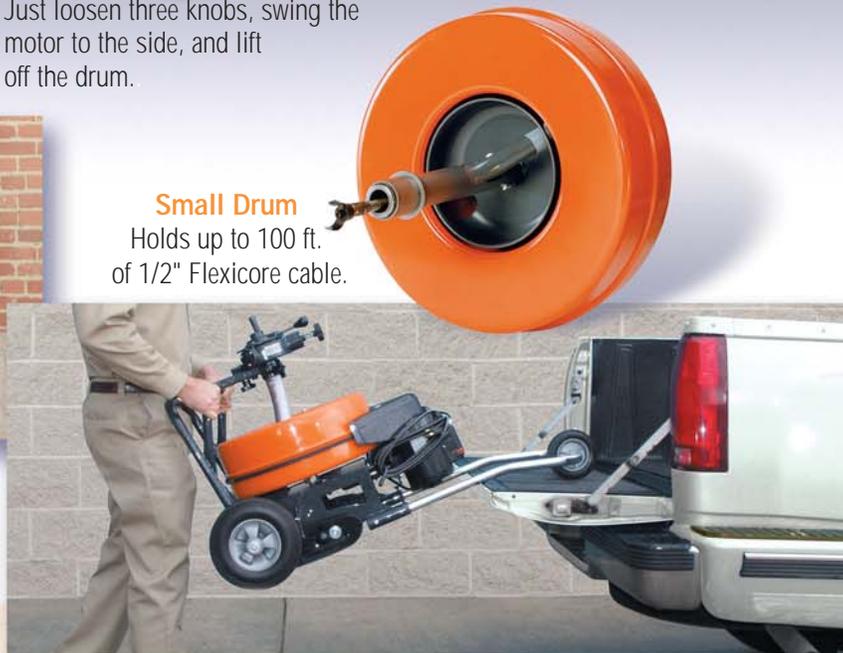
### Easy Drum Removal

Just loosen three knobs, swing the motor to the side, and lift off the drum.



### Stair Climbers and Truck Loaded Wheel

V-Belt and stair climbers let you take the Speedroooter up a flight of stairs yourself. One person can easily load the machine onto the truck.



### Small Drum

Holds up to 100 ft. of 1/2" Flexicore cable.

### Specifications:

#### Weight:

115 lbs. (52 kg) without cable.

#### Dimensions:

26" deep; 22" wide; 41" high, (66 cm x 56 cm x 104 cm).

#### Interchangeable Drums:

A smaller V-belt is required to drive smaller drum and is standard equipment with PS91-A.

#### Large Drum:

Equipped with inner drum cage and distributor tube; holds 100 ft. x 3/4" or 5/8" cable.

#### Small Drum:

Equipped with inner drum and distributor tube; holds 100 ft. of 1/2" cable.

#### Drum Removal:

Loosen three knobs, swing motor to the side and lift drum off frame.

#### Motor:

1/2 hp with capacitor start, overload protection, and forward-off-reverse switch. 20 ft. power cord and Ground Fault Circuit Interrupter.

#### Load Speed:

170 rpm.

#### Wheels:

10" semi-pneumatic with roller bearings. Brake locks wheels during operation.

#### Foot Switch:

Pneumatic, with no electrical contact between pedal and motor.

#### Power Cable Feed:

Drives or retracts cable with variable speed at up to 20 ft./min. without having to reverse motor rotation.

#### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

#### Cutters:

See Parts and Accessories on page 34.

#### Cables:

3/4" diameter for 4" to 10" lines and 3" lines without sharp bends; 5/8" diameter for 3" to 6" lines; 1/2" diameter for 3" to 4" lines. (Not for roots.)

#### Truck Loading Wheel:

Enables one person to lift machine onto bed of truck.

#### Tool Box:

Attached to rear of machine.

#### Stair Climbers:

V-belts running on nylon rollers.

# Sewermatic 100™

*A Compact, One Person, Heavy Duty Machine*

The Sewermatic 100 gives you drain cleaning power plus easy handling. With its 3/4 hp motor and power cable feed, this machine clears roots and other tough stoppages in 3" through 10" lines. The power cable feed handles a range of cable diameters simply by adjusting a pressure knob on top of the feed unit.

A multiple drum system minimizes operating weight. The drums have a capacity of 50 feet of 3/4" cable or 75 feet of 5/8" cable, so you can do most jobs without switching drums or carrying extra weight to the job when you don't need it.

When you do need extra cable, adding it is quick and easy. The back of the Sewermatic 100 comes off to become a dolly, so you can wheel a loaded drum to the machine and quickly attach its cable to the one you've fed into the line.

Standard equipment includes V-belt stair climbers that enable one person to handle the Sewermatic 100 on stairs. A wheel mounted on the handle supplies all the help you need to load the machine onto a truck by yourself.



## Stair Climbers

V-belt stair climbers like the ones used to move heavy furniture and appliances. Lets you take the Sewermatic up a flight of stairs yourself.





### Quick Drum Change

It's simple to remove an empty drum and replace it with a full one. The pull-apart frame becomes a hand cart for wheeling extra drums to the job.



### Truck Loading Wheel

One person easily loads the Sewermatic onto a truck. The swept-back handle and loading wheel give you the needed leverage.



### Guide Tube

Reduces cable whipping and enables the feed to work more efficiently.

### Flexicore® Cable

#### Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870



### Specifications:

#### Weight:

106 lbs. (48 kg) without cable.

#### Dimensions:

22" deep; 21" wide; 31" high (56 cm x 53 cm x 78 cm), with handle retracted.

#### Drum:

Capacity of 54 feet of 3/4" or 79 feet of 5/8" Flexicore cable. Includes 4 feet of cable attached to drum. Machine can drive 175 feet of cable.

#### Motor:

3/4 hp heavy-duty, with capacitor start and forward-off-reverse switch. Electrical system can be removed from machine as a unit if servicing is ever required.

#### Load Speed:

190 rpm.

#### Wheels:

6" heavy duty rubber with roller bearings.

#### Foot Switch:

Pneumatic, with no electrical contact between pedal and motor.

#### Power Cord:

20 ft. 3-wire. In-line Ground Fault Circuit Interrupter.

#### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

#### Cutter Set:

See page 34.

#### Cables:

3/4" diameter for 4" – 10" lines and 3" lines without sharp bends; 5/8" diameter for 3" – 6" lines.

#### Cable Guide Tube and Extensions:

See page 36.

#### Stair Climbers:

V-belts running on nylon rollers.

#### Truck Loading Wheel:

Enables one person to lift machine easily onto bed of a truck.

#### Power Cable Feed:

Drives and retracts cable at variable speed without reversing motor rotation. Handles 1/2" through 3/4" diameter cables.

#### Handle:

Retracts to contact floor and help stabilize machine.

#### Castings:

Shock resistant aluminum alloy.

#### Tool Box:

(Optional) Attaches above right leg of Sewermatic 100; can hold a full cutter set except for leader.

# Maxi-Rooter™

*Root Cutting Power Plus Big Capacity*

The Maxi-Rooter combines root cutting power and big capacity in a surprisingly portable machine.

A heavy-duty 3/4 hp motor with capacitor start and over-load protection drives a drum that can hold 125 ft. of 3/4" cable or 150 ft. of 5/8" cable. The frame is a tough aluminum alloy.

Look at the portability that goes with that power and capacity. The Maxi-Rooter rolls on 10" ball-bearing semi-pneumatic wheels and has V-belt stair climbers for easier transport up and down stairs.

A truck loading wheel mounted on the handle is almost like having another person helping you when you lift the machine into a truck. In addition, we've made it easy for you to remove the drum if you should want to transport the Maxi-Rooter in two parts.

Maxi-Rooter's power cable feed not only drives the cable into the line but has the pulling power to retract it, even on long, tough runs. Without reversing the cable rotation, you instantly can alter feeding speed to match the resistance in the line. Chew into stoppages as slowly as one inch per minute and retract the cable as quickly as twenty feet per minute.

The Maxi-Rooter has a surprisingly slim 23" profile that lets you work in some very tight spots. You can get the machine through just about any door you're likely to run into, with room to spare.

Another important help to you is a see-through inner drum cage so you can tell how much cable is in the drum.

For electrical safety, the foot pedal is air actuated, eliminating electrical contact between pedal and motor. Equally important, a Ground Fault Circuit Interrupter senses current leakage and will shut down the machine before an operator suffers an electric shock.



**Convenient Tool Box**

A tool box large enough to hold a set of cutting heads and some tools is built into the back of the Maxi-Rooter.

**Quick Drum Removal**

To take off the drum, just lift off the belt guard, press down on the spring-loaded motor and slip off the V-belt. With the belt off, the motor can be swung to the side, giving more clearance to lift the drum off of the frame.

**Lift Handles**

For easy truck loading, tip the Maxi-Rooter on its loading wheel, then lift and slide into truck using lift handle on front leg of machine.

**Flexicore® Cable****Wire Rope Center Construction**

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870

**Specifications:****Weight:**

136 lbs. (62kg) without cable.

**Dimensions:**

27" deep; 23" wide; 42" high, (68 cm x 58 cm x 107 cm).

**Drum:**

Capacity of 129 ft. (39 m) of 3/4" or 154 ft. (46 m) of 5/8" cable. Includes 4 ft. of drum connecting cable.

**Motor:**

3/4 hp heavy duty with capacitor start and forward-off-reverse switch; 20 ft. power cord with molded plug (3-wire, 16 gauge) and Ground Fault Circuit Interrupter.

**Load Speed:**

160 rpm

**Wheels:**

10" semi-pneumatic tires with roller bearings.

**Wheel Brake:**

Locks machine in place on the job.

**Foot Switch:**

Pneumatic with no electrical contact between pedal and motor.

**Power Cable Feed:**

Variable speed feed drives and retracts cable at 0-20 ft. per minute.

**Leather Gloves:**

With double-reinforced palm for hand protection when guiding cables.

**Cutters:**

See page 34.

**Cables:**

3/4" diameter for 4-10" lines and 3" lines without sharp bends. 5/8" diameter for 3-6" lines.

**Cable Guide Tube:**

See page 36.

**Truck Loading Wheel:**

Makes it easier to lift machine onto bed of truck.

**Tool Box:**

Can hold a full cutter set, except for leader.

**Stair Climbers:**

V-Belts running on nylon rollers.

# I-95™

*It's Three Machines in One*

Here's a sectional cable machine that drives 7/8" and 5/8" sections – or even 5/16" cables for small drain work. You switch from 7/8" to 5/8" and back by repositioning the chuck cone. No adapter required. Attach a small drum to the back of the machine to drive smaller cables.

The I-95 gives you power and convenience. The motor is a 1/3 hp capacitor type, so it delivers plenty of torque to the cables. Yet, as soon as you lift the drive handle, the cable stops rotating, so there's no additional torque build up.

You also use the drive handle to carry the machine. And when it's in position on the job, its four point base gives it rock-solid stability. A cutter holder is attached to the back of the I-95, so your cutting heads are always with the machine. A Ground Fault Circuit Interrupter is standard equipment.



Clear 1-1/2" – 2" lines with 5/16" x 25' cable.



Clear 2" – 3" lines up to 125 feet long with 5/8" x 7-1/2' sections or 4" lines up to 150 feet long with 7/8" x 15' sections.



### Transportable

Light weight I-95 is easy to carry up a ladder.



### I-95 Accessories

Includes cable carriers, drums for small drain work, a rear guide hose, and a tool box – standard on 7/8" cable units.

### 15R10-P Proflex® Cable.

Optional 7/8" sectional cable (15R10-P) with Proflex inner core gives cable more strength for cutting through difficult stoppages.



### Specifications:

#### Weight:

39 lbs. (18 kg).

#### Dimensions:

16" deep; 14" wide; 17" high (41 cm x 35 cm x 43 cm).

#### Motor:

1/3 hp capacitor type with forward-off-reverse switch, ten-foot power cord, and Ground Fault Circuit Interrupter. Rotates cables at 400 rpm.

#### Adjustable Chuck:

Has two sets of notches; one for 5/8" cables and one for 7/8" cables. Switch from one to the other in seconds. Pull down handle to engage, lift to stop. Brake stops spinning drums instantly. Chuck handle also acts as lifting handle.

#### Chuck Jaws:

Drive both 5/8" and 7/8" cables; also grip drum for smaller diameter cables.

#### Drums:

Small drum holds 25 ft. x 5/16" cable for 1-1/2" to 2" lines. Large drum holds 35 ft. x 3/8" cable for 2" to 3" lines.

#### Cables:

"T" slot couplings slide together to lock and uncouple with a pin key. 7.5R8 - 7-1/2 ft. x 5/8" (2.3 m x 15.6 mm) for 1-1/4" through 3" (31 mm – 75 mm) lines up to 125 ft long;

15R10 or 15R10P with Proflex inner core – 15 ft. x 7/8" (4.6 m x 22 mm) for 2" – 4" (50 mm – 100 mm) lines up to 150 ft. long.

#### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

#### Cutter Sets:

Cutter Set for 7/8" cables includes Spear Head, 2" U-Cutter, 3" U-Cutter, Hook Auger, and Retrieving Tool.

Cutter Set for 5/8" cables includes Arrow Head, Boring Gimlet, 1-1/2" U-Cutter, and Retrieving Tool.

# Root 66™

Uses Sectional Cables for 1-1/4" Thru 4"



**Optional Drum**  
Hold 5/16" and 3/8" cables  
for small drain work.



The Root 66 is a real advance in sectional cable machine design. No mid-range machine has its versatility and power.

Look at its versatility. You can drive 5/8" cables for lines up to 3" and 7/8" cables for 4" lines – and you can switch from one to the other in seconds, without touching the jaws, without an adapter, without tools. And for sink drain work, slip on a drum that holds smaller cables.

To operate, just feed a cable into the line and slide the back end into the machine. The excess cable goes into a guide tube. Turn on the sealed motor, press down on the handle, and the Root 66 starts spinning the cable at 400 rpm.

The cable stops rotating as soon as you lift the handle, so there's no additional torque buildup. When using a drum for small drain work, the drum stops turning when you lift the handle to the neutral position.

The Root 66 has a wide four point base for greater stability. Its interlocking tubular construction also gives it excellent durability. To protect the gears from dirt and for easier cleaning, the machine has two internal plastic shields. A Ground Fault Circuit Interrupter is standard equipment.





### Optional Dolly

A dolly that clamps onto the Root 66 in seconds.



### Root 66 Accessories

Includes cable carriers, drums for small drain work, a rear guide hose, and a tool box. (Standard on 7/8" units.)



### Universal Jaws

Jaws handle both 7/8" cables (shown) or 5/8" cables. No adapter required.

### "R" Type Sectional Cables for the Root 66



### Specifications:

#### Weight:

42 lbs. (19 kg).

#### Dimensions:

16" deep; 14" wide; 17" high (40 cm x 35 cm x 43 cm).

#### Motor:

Sealed 1/2 hp with forward-off-reverse switch, ten-foot power cord and Ground Fault Circuit Interrupter.

#### Drums:

Small drum holds 25 ft. x 5/16" cable for 1-1/2" to 2" lines.  
Large drum holds 35 ft. x 3/8" cable for 2 to 3" lines.

#### Drip Guards:

Two shields to protect bearings and motor from dirt and moisture.

#### Clutch:

Pull down two position handle to spin cables at 400 RPM.  
Lift to stop. Brake stops spinning drums instantly.

#### Cables:

"T" slot couplings slide together to lock and uncouple with a pin key. 7.5R8 - 7-1/2 ft. x 5/8" (2.3 m x 15.6 mm) for 1-1/4" through 3" (31 mm - 75 mm) lines up to 125 ft long;  
15R10 or 15R10P with Proflex inner core -  
15 ft. x 7/8" (4.6 m x 22 mm) for 2" - 4" (50 mm - 100 mm) lines up to 150 ft. long.

#### Cutter Set:

Cutter Set for 7/8" cables includes Spear Head, 2" U-Cutter, 3" U-Cutter, Hook Auger, and Retrieving Tool.

Cutter Set for 5/8" cables includes Arrow Head, Boring Gimlet, 1-1/2" U-Cutter, and Retrieving Tool.

#### Jaws:

Drive both 5/8" and 7/8" cables without adjustment; also grip containers for smaller diameter cables. Keyed for longer life and less slippage.

#### Leather Gloves:

With double-reinforced palm, for hand protection when guiding cable.

# Model 88™

*You Walk While It Works*

This machine is almost as easy to run as a lawn mower. You push eight or ten foot cable sections into the line until you reach some resistance. Then attach the rear cable coupling to the machine, stand behind it, and turn it on. Watch the cable feed itself into the line. When a section has run into the drain, attach another one and keep going. This self-feeding feature also works to pull sections out of the line.

The Model 88 handles jobs up to 200 ft. long in lines from 3" to 10" diameter. A standard 3/4 hp capacitor motor supplies plenty of power, and an adjustable safety clutch protects cables and operator against sudden torque build-ups.

Sections come in two styles: all-purpose Flexichain, which has a chain center, and the stiffer Proflex, which has a spring center. A chain assures easier cable retrieving if the Flexichain spring should break. The inner spring in the Proflex gives it greater stiffness, which is desirable on long or tough jobs. The outer spring is right-hand wound for faster self-feeding.

Couplings are shown on the next page. Both types snap together in a second and are taken apart quickly with a spanner wrench or screw driver. With the newer "G" connector, no tension is on the locking pin when running in reverse, making it a more durable coupling.

Snap on the 78L-CDC adapter, and you can use 6 ft. x 7/8" cables (6L78) to clear smaller lines.





### Folding Handle

Gives Model 88 a low profile for more convenient storage and transport. Lift handle, and locking collars slide into place for secure operation. Handle on front of frame and rear cross bar make lifting and loading into car trunk easier.



### Automatic Safety Clutch

Protects cable and operator in case the cable should get caught in the line. Factory set at 100 inch pounds but can be adjusted easily for very heavy jobs or longer runs.



### Pneumatic Power Switch

Air-actuated for safety. There is no electrical connection between switch and motor. Switch can be removed from handle and used as a foot pedal when working with the cable feeding tool.



### Cable Feeding Tool

It enables cable to get around tight bends and traps by taking advantage of open-wound design of cables. Note that operator controls machine by using power switch in foot pedal mode.

### Sectional Cables



Flexichain® with "G" Connector



Proflex® with "L" Connector

Four, eight and ten foot "Cable Saver" sections for the Model 88 come in the all purpose Flexichain which has a chain center, and a stiffer Proflex which has a spring center. Proflex is also available with a heavier duty 5/8" spring center. See page 34.



### No Wrench Coupler

G-CDC Cable Drive Coupler is standard on Model 88 units shipped with sections having "G" couplings. Faster uncoupling at the machine because large knurled ring can be opened instantly without wrench.

## Specifications:

### Weight:

80 lbs. (36 kg) without cables.

### Dimensions:

21" wide x 16" high with handle folded down.  
(53 cm x 41 cm)

### Motor:

3/4 hp with capacitor and 20 ft. power cord with Ground Fault Circuit Interrupter; rotates 1-1/4" diameter cables at 500 rpm.

### Gear Head:

Rugged cast iron body, ball bearings, cut gears.

### Wheels:

10" rubber rear wheels, 6" solid rubber caster wheel.

### Combination Hand or Foot Operated Power Switch:

Air activated for safety; no electrical connection between motor and switch; can be used as hand or foot switch. Ten foot air hose.

### Power Switch:

Has an "off" position to de-activate the control switch.

### Adjustable Safety Clutch:

Factory set at 100 inch pounds. Protected by a tamper-resistant snap-on cover.

### Folding Handle:

Reduces truck storage space. Flips down in a second but is completely secure in operating position.

See pages 34 – 36 for information on cables and cutters.

# Hot-Rodder™

## The Muscle Machine



This sectional cable machine combines power, maneuverability, and light weight in an easy to use package that speeds up drain cleaning work. Just press down on the chuck handle, and a 3/4 hp motor spins the cable at 715 rpm, cleaning lines up to 10" in diameter 200 feet away.

The Hot-Rodder stands tall on the job; stands small in your truck, thanks to a big handle that folds over in seconds to make the machine more compact. Its ten-inch semi-pneumatic wheels make it easy to move the machine to and from the job. And the Passive brake holds the machine in position on the job or in your truck.

The frame is powder coated, and the handle is chrome plated. The high-density plastic motor cover is so tough it can stand up to sledge hammer blows.

Another feature: The Hot-Rodder can drive 7/8" as well as 1-1/4" sections, which requires changing the chuck jaws, a two-minute job.





#### Chuck Handle

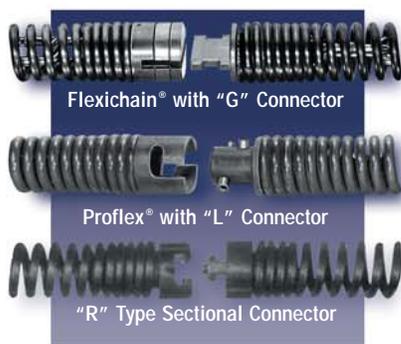
Pull handle down to spin the cable. The cable stops spinning as soon as you lift the handle, so there's no torque buildup.

#### Folding Handle

To fold, just lift two collars and flip over the handle. It goes up or down in a second.

#### Sectional Cables

Cables are available in three different connector styles. We recommend the "G" connector for reliability and durability. The 1-1/4" cables come in ten and fifteen foot lengths. The ten footers can be ordered with either a spring or chain center. The fifteen foot lengths are available only in a hollow version with an "R" connector.



#### Specifications:

##### Weight:

96 lbs. (43.5 kg).

##### Dimensions:

19" deep; 20" wide; 42" high (48 cm x 51 cm x 107 cm).

##### Motor:

Heavy-duty 3/4 hp with capacitor and 20 ft. (6 m) power cord rotates cables at 715 rpm. Equipped with Ground Fault Circuit Interrupter.

##### Chuck Handle:

Supplies the necessary leverage and grip to spin 200 ft. (60 m) of cable.

##### Rear Guide Hose:

Snaps onto bracket at rear of machine to limit cable whipping.

##### Folding Handle:

Tall enough for easy transport; folds to take less room in the truck.

##### Wheels:

10" semi-pneumatic.

##### Jaw Sizes:

1-1/4" or 7/8"

See pages 34 – 36 for information on cables and cutters.

# Rodrunner™

## Self-Feeds Reinforced Sectional Cables

The Rodrunner offers all the features that contractors like in a sectional sewer cleaner – light weight, high speed cable rotation, and short, quick-coupling cables.

### Two Way Operation

Set the Rodrunner up close to the drain opening, or on easier jobs where you have some working room, you can run the machine “lawn-mower” fashion, standing behind the machine.

For close-up work, the wheel brake is set, the power switch is placed next to the machine as a foot switch, and the cable guide hose is attached.

Now, the Rodrunner is ready to handle the toughest stoppages in 3-10" lines, as far as 200 feet away.

A heavy-duty 3/4 hp motor with capacitor and overload protection spins cable at 485 rpm, an ideal speed for self-feeding into the line while protecting the cable against sudden torque build-ups. For additional protection, the Rodrunner has an adjustable slip clutch, factory set at 100 inch pounds.

An optional set of jaws (R-R10AD) enables the Rodrunner to drive 15 ft. x 7/8" (15R10) cables to clear smaller lines.



### Specifications:

**Weight:**

90 lbs. (41 kg).

**Dimensions:**

22" wide x 19" high with handle folded down (56 cm x 48 cm).

**Motor:**

Heavy-duty 3/4 hp with capacitor and 20 ft. power cord rotates cables at 485 rpm. Optional 1 hp motor rotates cables at 400 rpm. Equipped with Ground Fault Circuit Interrupter.

**Wheels:**

10" rear wheels, 5" caster wheel.

**Wheel Brake:**

Locks rear wheels in place or releases them in an instant.

**Combination Hand or Foot Operated Power Switch:**

Air activated for safety; no electrical connection between motor and switch; can be used as hand or foot switch. Ten foot air hose.

**Twin V-Belts:**

For better power transmission.

**Safety Clutch:**

An adjustable spring-loaded clutch is mounted at the rear of the cable drive shaft. Accessible without removing machine housing.

**Chuck Handle:**

Clamps on cable or acts as “dead-man’s throttle.”

**Cable Counter:**

Manually operated, to record number of cables in line.

**Rear Cable Guide Hose:**

To limit cable whipping behind machine.

**Folding Handle:**

Reduces truck storage space.

See pages 34 – 36 for information on cables and cutters.

# Model "E" Rodrunner™

*Drives Municipal Rods or Sectional Cables*



**E-MRDC**  
No-wrench municipal rod coupler.



**EG-CDC**  
No-wrench sectional cable coupler.

The Model "E" gasoline powered Rodrunner is ideal for cleaning long runs up to 500 ft. down the line. It can be coupled to either 10 ft. sectional cables to clear up to 14" lines, or 5/16" municipal rods to clear lines up to 24" in diameter. The operator stands behind machine and walks cables or rods into line.

It's driven by a powerful 6.5 hp engine with an easily accessible throttle control on the handle. Drive speed is set at 100 to 200 rpm for municipal rods, and 200 to 400 rpm for sectional cables.

The "hot-shift" transmission lets you switch from forward to reverse without the need for a clutch. The long gear shift lever is within easy reach of the operator.

And features like the 3/4" lifetime lubricated drive chain and safety slip clutch to protect cables and rods against excessive torque build-up means low maintenance.



## Specifications:

### Weight:

185 lbs. (84 kg).

### Dimensions:

29" wide x 44" long x 40" high (74 cm x 112 cm x 102 cm).  
Handle removable for easy storage.

### Engine:

6.5 hp Briggs and Stratton 4 cycle with throttle on handle.

### Transmission:

Snow and Nabstedt reversing "hot-shift" transmission drives 3/4" lifetime lubricated roller chain. No clutch or throttle needed.

### Speed Range:

From 100 rpm to 200 rpm for municipal rods; 200 to 400 rpm for sectional cables.

### Slip Clutch:

Protects against excessive torque being applied to cable or rods. Easily adjustable.

### Coil Spring Sections:

1-1/4" x 10 ft. long with inner spring to handle torque better than hollow cables.

### Cable Sections and Cutters:

See page 34 – 36.

### Municipal Rods and Cutters:

See page 57.

# Cutters



**AH**  
Arrow Head Starting Drill  
For 5/16", 3/8", and 1/2" cable.

**1-1/4" SCB**  
1-1/4" Side Cutter Blades  
For cutting and scraping.  
For 5/16" and 3/8" cable.

**1/4" and 5/16" Down Head**  
Lead cable down the stack – not up. For 1/4" and 5/16" cable.

**1/4" and 5/16" Double Down Head**  
For especially difficult bends. For 1/4" and 5/16" cable.

**FAH**  
Flexible Arrow Head  
For sharp turns in small lines.  
For 5/16" and 3/8" cable.

**DHBF**  
Down Head Boring Gimlet  
Goes down waste, not up the stack.  
For 5/16" and 3/8" cable.

**BG**  
Boring Gimlet  
For removing loose objects.  
For 5/16" and 3/8" cable.

**DHF**  
Down Head Fitting  
Can be used with all standard Handylectric cutters.  
For 5/16" and 3/8" cable.

**LE-1 Small Flexible Leader**  
Attach to 1/2" wire rope center snakes to go through "P" traps and other close bends.  
For 3/8" and 1/2" cable.

**RTR-1**  
Small Corkscrew Retrieving Tool  
For removing loose objects.  
For 3/8" and 1/2" cable.

**1-1/2 UC**  
1-1/2" U-Cutter  
For cutting and scraping.  
For 3/8" and 1/2" cable.

**2UC**  
2" U-Cutter  
For cutting and scraping  
For 1/2", 5/8", and 3/4" cable.

**SCB**  
Side Cutter Blades (Two Piece Set)  
For cutting and scraping.  
Furnished in 2", 3", and 4" sizes.  
For 1/2", 5/8", and 3/4" cable.

**RSB**  
Rotary Saw Blades (Two Piece Set)  
For cutting and scraping.  
Furnished in 3" and 4" sizes.  
For 1/2", 5/8", and 3/4" cable.

## For 5/8" and 3/4" Cable Machines

**SHD**  
Spear Head Starting Drill

**RTR-2**  
Corkscrew Retrieving Tool  
For removing loose objects.

**HDSC**  
Heavy Duty Side Cutters  
In 3" and 4" sizes.

**UC**  
2", 3", and 4" U-Cutters  
For cutting and scraping.

**SCB**  
Side Cutter Blades  
For cutting and scraping.  
Furnished in 3" and 4" sizes.

**RP-2**  
Root Ripper  
Heavy spring screws into root mass, while front hook tears into stoppage. Passes through 4" "P" Traps.

**RSB**  
Rotary Saw Blades  
For roots and other stoppages.  
Furnished in 3" and 4" sizes.

**3-6HDEC**  
Heavy Duty 3" to 6" Expansion Cutter  
Can pass through 3" pipe to reach and clean 6" pipe. Can be put through 4" "P" traps.

**HDB**  
Heavy Duty Saw Blades  
For roots and other stoppages.  
Furnished in 3", 4", and 6" sizes.

**FB**  
Five Blade Fan Type Digger  
For digging and removing silt, sand, etc.

**4-6 SAC**  
Self Adjusting 4" to 6" Side Cutter Blades  
Can pass through 4" pipe to reach and clean 6" pipe.

**LE-2 – Large Flexible Leader**  
Used with both 3/4" or 5/8" wire rope center cables to go through "P" traps and other tight bends.

**LE-3 – Large Flexible Leader**  
Used with both 3/4" or 5/8" wire rope center cables to go through "P" traps and other tight bends.



## Cutter Set for 7.5R7, 7.5R8 – 5/8" Sectional Cables



**R-AH**  
Arrow Head



**R-BG**  
Boring Gimlet  
For removing loose objects.



**R-1-1/2 UC**  
1-1/2" U-Cutter  
For cutting and scraping.



**R-RTR-1**  
Corkscrew Retrieving Tool.  
For removing loose objects.

## Cutter Set for 15R10 – 7/8" Cables



**R-SHD-10**  
Spear Head



**R-HA-10**  
Hook Auger  
For breaking up stoppage and retrieving.



**R-2UC-10**  
2" U-Cutter  
For cutting and scraping.



**R-3UC-10**  
3" U-Cutter  
For cutting and scraping.



**R-RTR-10**  
Corkscrew Retrieving Tool  
For removing loose objects.

## Rodrunner/Model 88 Standard Cutter Set

(Note all cutters illustrated with "G" connector. If ordering with "L" connector, drop "G" prefix and substitute "L". For example: L-SHD.)



**G-SHD**  
Spear Head



**G-2UC**  
2" U-Cutter



**G-3HDSC**  
3" Heavy Duty  
Side Cutter



**G-4RSB**  
4" Rotary  
Saw Blade



**G-3HDB**  
3" Heavy  
Duty Saw Blade



**G-RTR2**  
Retrieving Tool



**CW**  
Coupling Wrench  
(Fits both "G" and "L" connectors.)



**G-HA**  
Hook Auger

## Rodrunner/Model 88 Optional Equipment

**G-SC**  
Spade Cutter  
Wide blade with sharp edge.



**G-CA**  
Cutter Adapter  
Converts all cutters on  
page 34-35 for use with  
"G" connectors.



**G-BA**  
Bulb Auger  
Coiled from heavy gauge  
oil-tempered wire for use in  
4" plastic pipe.



**WCC**  
Wheeled  
Cable  
Carrier  
Holds five  
10-ft. sections.



**G-FSH**  
Flex-Spear  
Good in 4" "P" traps.



**G-CL**  
Cutter Leader  
Adds flexibility to front of Proflex cables.



**CF**  
Cable Feeding Tool  
(Standard with Model 88)  
Helps work cable around tight bends.



**CC**  
Cable Carrier  
Holds five 10-ft. sections.



# Accessories



## Snake Oil™

Protects your cables better than common lubricants. Its special rust inhibitor cuts through moisture and replaces it with a rust-resistant coating. In addition, Snake-Oil gives your equipment a fresh, clean smell.



Catalog Number	Description
SOQ	1 Quart Snake-Oil
SOQ-12	12 Quarts Snake-Oil
SOG	1 Gallon Snake-Oil
SOG-4	4 Gallons Snake-Oil

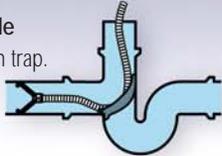


**SIG**  
**Splash/Impact Goggles**  
 Can be worn over glasses.



## SG Cable Starter Guide

Guides cable away from trap. Position in pipe by hooking wire into hole in Guide.



## Guide Tube Extension

30" long and 1" in diameter. Easily attaches to 5 ft. extensions, made of rigid conduit with flexible end.



## GT Cable Guide Tube

Adds safety when you can't get machine close to drain opening. 5 ft. extension attaches to cable guide tube.

## QF "Quick Fix" Repair Coupler

Just screw on tightly and it won't come off. For 1/2", 5/8", and 3/4" sizes.



## FC Butt-Weld Connector

Passes through automatic feeds. No need to adjust feed. For 5/8", and 3/4" sizes.



## FC-O Cup Type Connector

Sheath fits over cable for easier repairs. For 5/16", 3/8", 1/2", 5/8" and 3/4" sizes.



## RS Repair Sleeve

In 3/8", 1/2", 5/8", and 3/4" sizes.



# Cables

## Flexicore® Cable



### Wire Rope Center Construction

Heavy-gauge wire coiled tightly around 49-strand aircraft-type wire rope and heat treated. Has unequalled strength and the right amount of flexibility. So tough it carries a one-year warranty against defect or breakage.

Flexicore Patent Nos. 2,244,735 and 2,849,870



General Flexicore® Cable with Male and Female Connector



"SP" Connector

SP cables are available in 5/8" and 3/4" diameter.

## Sectional Cables

Sections for Model 88, Hot-Rodder and Rodrunner come in the all purpose Flexichain which has a chain center, a stiffer Proflex which has a spring center, and a hollow style. Proflex is also available with a heavier duty 5/8" spring center.

Choose from three coupling styles. They snap together in a second and are taken apart quickly with a spanner wrench or uncoupling key. With the more recently developed "G" connector, no torque is put on the locking pin when running in reverse, making it a durable coupling.



Flexichain® Section



Proflex® Cable



"G" Connector Pat. No. 3094011



"L" Connector



15R10-P Proflex® Cable

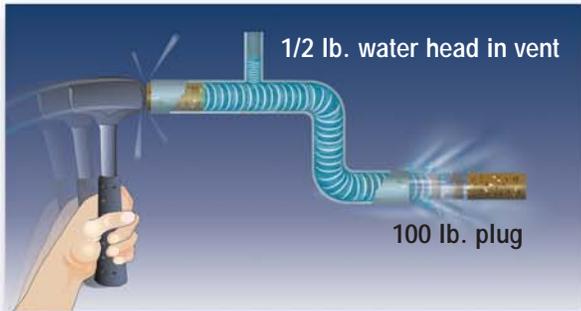


# Kinetic Water Ram™

**Open Clogged Pipes with Shock Action!**

Here's a compact, lightweight tool for quickly opening clogged sinks, toilets, and tubs. It handles rust, grease, sediment, and scale in lines up through 4" in diameter.

The Kinetic Water Ram uses a burst of compressed air that drives a shock wave (kinetic energy) through water to break up stoppage. It's particularly useful when the stoppage is on the far side of a drum trap or series of tight bends, since the shock wave can travel around bends without losing its force.



The Ram has a self-contained pump and pressure gauge, so you can hit the stoppage with just the right amount of force. You get instant impact with no build-up of pressure in the plumbing system. The force is transmitted through water, so it's not affected by stacks or vents.

An optional toilet attachment (KR-CA) screws onto the front of the Ram and enables you to position the cone in the bowl to get a tighter seal. As a result, you can strike the blockage with greater impact and no splash back.

## Specifications

- 16 gauge plated cylinder tested for up to 600 lbs. pressure.
- 100 lbs. gearless pressure gauge provides pinpoint pressure control.
- Built-in air compressor easily pumps up to desired pressure.
- Flexible cone seals drains ranging from 1-1/4" to 4" diameter. Equipped with Schraeder valve for use with external air compressor when clearing difficult stoppages.
- Standard fittings include caulking hose, 4" tapered rubber cone, and five tapered rubber plugs for sealing openings from 1-1/4" through 4".
- Optional accessories include metal carrying case, toilet attachment, 6" tapered rubber cone, 1-1/2", 2", 3" and 4" expansion plugs, universal faucet adapter, water supply hose, and check valve.



**Simple to operate ...  
Anyone can use it**



**1 Pump up**

**2 Insert in drain**



**3 Snap trigger**

# Jet-Set™

## Gas Powered Jets



General's water jets are ideal for clearing soft stoppages and ice from drain lines. They use a stream of high pressure water that hits the stoppage and flushes it away. The thrust of the nozzle drives the hose down the line and gives you wall-to-wall pipe cleaning action. You'll find plenty of uses for it in restaurants, hotels, hospitals, shopping malls, factories, and septic systems. General's Jet-Set™ gives you a new weapon to use on some of your toughest stoppages.

The **J-2512 Typhoon™** trailer jet is ideal for clearing big lines with high water flow requirements, or remote jobs far from a water source. 12 gallons of water pulsate down the line every minute at a powerful 2500 psi to blast lines clear of grease, sediment, and debris. The 200 gallon holding tank carries enough water to handle remote applications where access to water is limited.

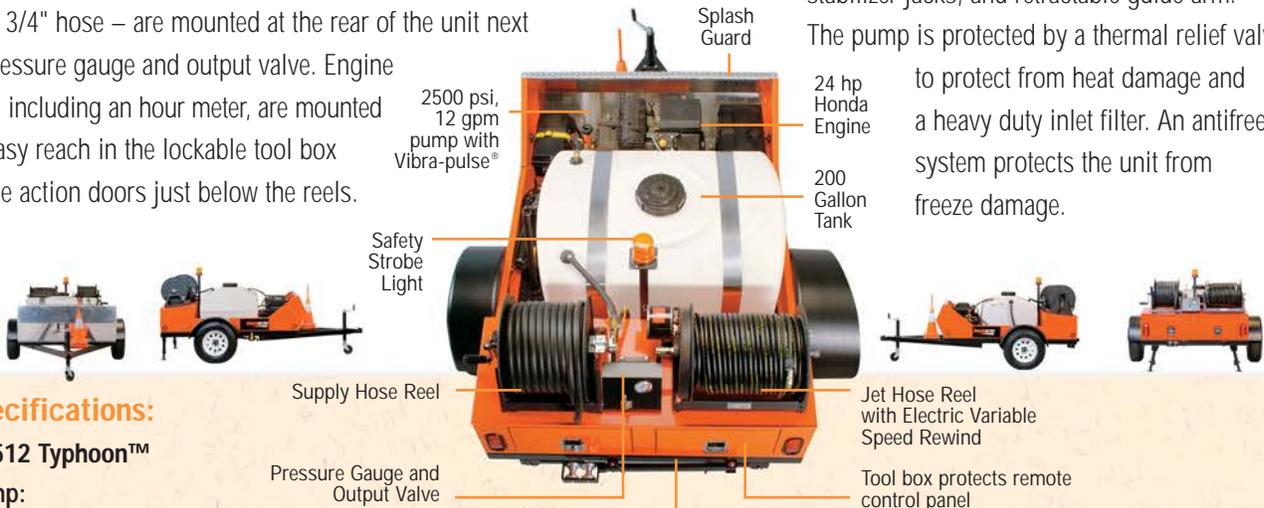
A 24 hp Honda engine with electric start powers the 2500 psi, 12 gpm pump with Vibrapulse® through a 2 to 1 V-belt reducer. Two hose reels – a jet hose reel with 400 ft. x 1/2" capacity featuring electric variable speed rewind, and a supply hose reel carrying 150 ft. x 3/4" hose – are mounted at the rear of the unit next to the pressure gauge and output valve. Engine controls, including an hour meter, are mounted within easy reach in the lockable tool box with slide action doors just below the reels.



A splash guard at the front protects the pump and motor from road debris. The body is protected by a durable powder-coated epoxy finish for added weather protection.

Standard safety features include electric brakes, safety strobe light, three 18" safety cones with holder, rear fold down stabilizer jacks, and retractable guide arm.

The pump is protected by a thermal relief valve to protect from heat damage and a heavy duty inlet filter. An antifreeze system protects the unit from freeze damage.



### Specifications:

#### J-2512 Typhoon™

**Pump:**  
Triplex w/Vibra-pulse®

**Pressure:**  
2500 psi

**Flow:**  
12 gpm

**Engine:**  
24 hp Honda w/Low oil shut off, electric start, and V-belt reducer

**Tank Capacity:**  
200 gallons

**Jet Hose Reel:**  
Electric variable speed rewind, brass swivel, and reel lock, 400 ft. x 1/2" hose capacity

Supply Hose Reel

Pressure Gauge and Output Valve

Guide Arm

Splash Guard

2500 psi, 12 gpm pump with Vibra-pulse®

Safety Strobe Light

24 hp Honda Engine

200 Gallon Tank

Jet Hose Reel with Electric Variable Speed Rewind

Tool box protects remote control panel

#### Supply Hose Reel:

Manual, brass swivel, drag brake and reel lock, 150 ft. x 3/4" hose capacity

#### Safety features:

Electric brakes, safety strobe light, three 18" safety cones with holder, rear fold down stabilizer jacks, and retractable guide arm.

#### Weight:

1800 lbs. empty; 3200 lbs. loaded

#### Trailer Dimensions:

135" L x 73" W x 57" H (343 cm x 185.5 cm x 145 cm)

#### Skid Mount Dimensions:

96" L x 51" W x 40" H (244 cm x 130 cm x 102 cm)

# Jet-Set™

## Gas Powered Jets

The **J-3080** gives you the increased cleaning power of 8 gallons of flow per minute without risking pump damage if your water supply can't match the pump demand. A 12 gallon buffer tank gives you the safety margin you need when using a high flow water jet to clear larger and more difficult lines. A 20 hp Honda engine with electric start drives a 3000 psi, 8 gpm pump through a 2 to 1 gear reducer.

The **J-3055** has the power to clear your most stubborn grease stoppages. It combines 3000 psi of pressure with 5.5 gallons per minute, the highest flow rate available without requiring a holding tank. It's driven by a 16 hp Briggs and Stratton Vanguard engine with electric start. The pump features Vibra-pulse® on demand.

The **J-3000** is great for large lines and long runs, as well as small lines. Its 3000 psi, 4 gallon per minute triplex pump gives you Vibra-pulse® on demand. A reliable 13 hp "Quiet Drive" Honda engine is attached to a gear reducer to extend the life of the pump.

An economical alternative to the J-3000, the **J-2900** is a good machine for maintenance work. With a 13 hp Honda engine and direct drive pump it's lighter and more maneuverable, yet maintains the same pressure and flow rate as the J-3000.

**Other models available –**  
See complete Jet-Set catalog for details.



J-3080



J-3055



J-2900



J-3000

### Specifications

#### J-3080 Gas Jet

**Pump:**  
Triplex w/Vibra-pulse®

**Pressure:**  
3000 psi

**Flow:**  
8 gpm

**Engine:**  
20 hp Honda  
w/Low oil shut off,  
Electric Start, and  
Gear Reducer

**Tank Capacity:**  
12 gallons

**Weight:**  
295 lbs. (134 kg)

**Dimensions:**  
37" L x 30-1/2" W x 42-1/2" H  
(94 cm x 77.5 cm x 108 cm)

#### J-3055 Gas Jet

**Pump:**  
Triplex w/Vibra-pulse®

**Pressure:**  
3000 psi

**Flow:**  
5.5 gpm

**Engine:**  
16 hp w/Low oil shut off,  
Electric Start, and Gear Reducer

**Reel Capacity:**  
300 ft. x 3/8" hose

**Weight:**  
235 lbs. (107 kg)

**Dimensions:**  
32" L x 29" W x 41-1/2" H  
(81cm x 74 cm x 105 cm)

#### J-3000 Gas Jet

**Pump:**  
Triplex w/ Vibra-pulse®

**Pressure:**  
3000 psi

**Flow:**  
4 gpm

**Engine:**  
13 hp w/Low oil shut off,  
and Gear Reducer

**Reel Capacity:**  
300 ft. 3/8" hose

**Weight:**  
203 lbs. (92kg)

**Dimensions:**  
40" L x 24" W x 42" H  
(102 cm x 61 cm x 107 cm)

#### J-2900 Gas Jet

**Pump:**  
Triplex w/ Vibra-pulse®

**Pressure:**  
3000 psi

**Flow:**  
4 gpm

**Engine:**  
13 hp w/Low oil shut off.

**Reel Capacity:**  
300 ft. x 3/8" hose

**Weight:**  
173 lbs. (78 kg)

**Dimensions:**  
25-1/2" L x 28-1/2" W x 42" H  
(65 cm x 72 cm x 107 cm)

# Jet-Set™

## Electric Powered Jets

The **J-1600** is the most powerful electric jet you can get. It generates 1500 psi at 1.7 gallons per minute, yet its 1-1/2 hp motor pulls only 13 amps. General's unique Vibra-pulse® system lets you work the hose around tight bends and small lines, while keeping the flow rate the same whether the Vibra-pulse® is on or off. The machine has a 200 ft. capacity hose reel and rides on two pneumatic tires.

Have to work in a tight spot? The **J-1400** pump and motor assembly can be removed from the J-1600 frame in seconds when you need to work in tight spaces.

The **J-1450** has the same drain cleaning power as our J-1600, but it's more compact. The hose reel comes off in seconds making it easier to get the machine into really tight spaces or a car trunk. A telescoping handle lets you roll the machine to the job, then slides out of the way.

**Other models available –**  
See complete Jet-Set catalog for details.



**J-1600**



**J-1450**

The hose reel detaches in seconds, so it stores easily into small spaces.



Have to work in a tight spot? Just pull the locking pin and lift the J-1400 pump and motor assembly off the frame.

### Specifications:

#### J-1400 Electric Jet

**Pump:**  
Triplex w/Vibra pulse®

**Pressure:**  
1500 psi

**Flow:**  
1.7 gpm

**Motor:**  
1-1/2 hp 13 amp w/GFCI

**Weight:**  
71 lbs. (32kg)

**Dimensions:**  
22" L x 14" W x 13" H  
(56 cm x 36 cm x 33 cm)

#### J-1450 Electric Jet

**Pump:**  
Triplex w/Vibra-pulse®

**Pressure:**  
1500 psi

**Flow:**  
1.7 gpm

**Motor:**  
1-1/2 hp 13 amp w/GFCI

**Reel Capacity:**  
150 ft. x 1/4" hose

**Weight:**  
105 lbs. (48 kg)

**Dimensions:**  
27" L x 17-1/2" W x 32" H  
(14-1/2" H w/o Reel)  
(69 cm x 45 cm x 81 cm)

#### J-1600 Electric Jet

**Pump:**  
Triplex w/Vibra-pulse®

**Pressure:**  
1500 psi

**Flow:**  
1.7 gpm

**Motor:**  
1-1/2 hp 13 amp w/GFCI

**Reel Capacity:**  
150 ft. 1/4" hose

**Weight:**  
130 lbs. (59 kg)

**Dimensions:**  
26" L x 26" W x 38" H  
(66cm x 66 cm x 97 cm)

# Jet-Set™

## Accessories

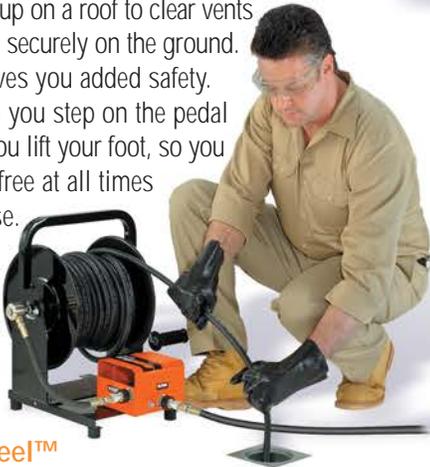


Vibra-Pulse®

This is what separates General's Jet Set from ordinary pressure washers. Vibra-pulse® breaks the initial tension between the surface of the hose and the walls of the pipe, thus helping the hose slide around tight bends and propel itself farther down the line. Vibra-pulse® increases the cleaning power of low pressure electric jet machines, and is particularly useful in jetting around bends in small drain lines.

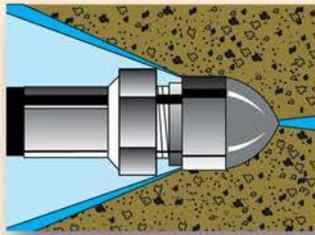
### HR-200-W Handy Reel with Foot Pedal

For use with any jet, the compact 200 ft. capacity Handy-Reel can be attached to a gas jet so you can use the power of the gas unit inside a building. Or it can be taken up on a roof to clear vents while your Jet sits securely on the ground. The foot pedal gives you added safety. Water flows when you step on the pedal and stops when you lift your foot, so you have both hands free at all times to control the hose. The foot pedal is also available separately.

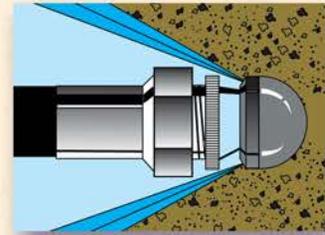


### CR-300 Cart-Reel™

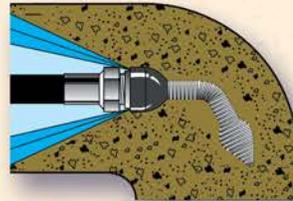
The optional Cart-Reel™ is a must for professionals. It lets you use the power of a gas jet in buildings and confined spaces where exhaust fumes could be hazardous, while the gas jet stays outside. The Cart-Reel comes with pneumatic tires, a 300 ft. capacity hose reel, reel brake, gauge, and a shut-off valve.



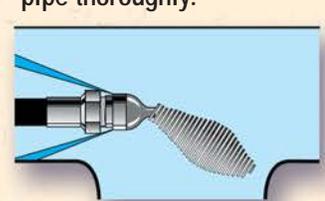
Powerful penetrating nozzle cuts through grease and ice.



Wide spray flushing nozzle cleans inside of pipe thoroughly.



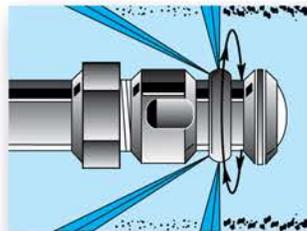
Spring Leader nozzle gets hose around tight bends and P-traps.



Downhead nozzle takes hose down Tee's and around difficult corners.

### Rotary Nozzles

Make sure you leave the lines crystal clear with General's rotary nozzles. The JN-RB heavy duty hardened stainless steel rotary nozzle has two 90° jets to scour the walls of the pipe, and two 35° jets to drive the hose down the line. The less expensive JN-RA hardened steel rotary nozzle has two 45° jets for combined thrust and cleaning action.



Rotary nozzle scours walls of pipe crystal clear.

### Hoses

Tough high pressure heavy jetting hose comes in a variety of lengths and diameters. Use the 1/2" ID hose for main lines and long runs 4" through 12" in diameter at distances up to 400 ft. Use the 3/8" ID hose for clean outs, 4" through 8" floor drains, and septic lines at distances up to 300 ft. With the 1/4" ID hose, you can clear 2" through 4" lines up to 200 ft. away. And the Super-Flex 1/8" hose has the flexibility to get through 1-1/2" and 2" lines and bends up to 75 ft. down the line.



# Gen-Eye GL™

## Pipe Inspection Location System



### With Self-leveling Camera and DVD Recorder

The Gen-Eye GL offers a DVD recorder to provide a crisp picture with a jitter free freeze frame, allowing you to better analyze any problem. A VCR option is also available. A separate 9" industrial color monitor provides you with a sharp picture.

The self-leveling color camera automatically keeps your picture right side up as the camera glides through the line. No more tilting your head to adjust for the twisting of the camera or explaining to a customer why the water is on the top of the screen. You always have an upright picture on the monitor, making it easier for you and your customers to follow the action. A specially designed spring and camera shape negotiates tight bends in the line.

Backed by a two-year warranty, the Gen-Eye GL system includes everything you need to trouble-shoot 2" through 10" lines, including:

### ■ Three camera options

Self-leveling color camera that's just 1.375" in diameter, standard color camera with 16 LED's, or a black and white camera in a stainless steel housing.

### ■ Titler with full keyboard

You get up to eight pages of text to add your company name and job location to each video you make.

### ■ Built-in AC/DC converter

Allows you to operate in the field with truck power alone.

### ■ Built-in voice over unit

Internal microphone and on/off switch lets you add commentary to your videos.

### ■ On-screen distance counter

Lets you keep track of how much push rod you've fed into the line.

### ■ Date and Time Stamp

You can document the date and time of each job for your records.

### ■ Other features include

Internal 512 Hz transmitter, picture inverter, dimmer control, panel mount fuses, and trap skid.



**Flexibility, Strength, Durability.**

A tough, Gel-Rod® push rod protects against moisture damage if the rod is cut or abraded. Its Kevlar® braid, fiberglass core, and durable sheath provide for maximum pushing and pulling power.

**Sturdy case with wheels.**

All the electronics are protected in a sturdy case with wheels, telescoping handle, and a tilt stand for convenient viewing, transport and maneuverability.



**Skid designs.**

Skids keep the camera centered in the pipe for a better view, while reducing drag on longer runs. Standard systems include both 3" and 6" trap skids that protect the camera from abrasion as it slides through cast iron traps. Optional 3-in-1 skid set for 4", 6" and 8" lines, and Universal Roller Skid for 6" to 12" lines are also available.

**Big capacity reels.**

The standard reel holds up to 400 ft. of push rod on a sturdy frame and takes up little space in your truck. Eight inch wheels ensure easy transport to and from the job. The mini reel carries up to 200 ft. of push rod in a compact frame for easy handling without taking up too much room in your truck.

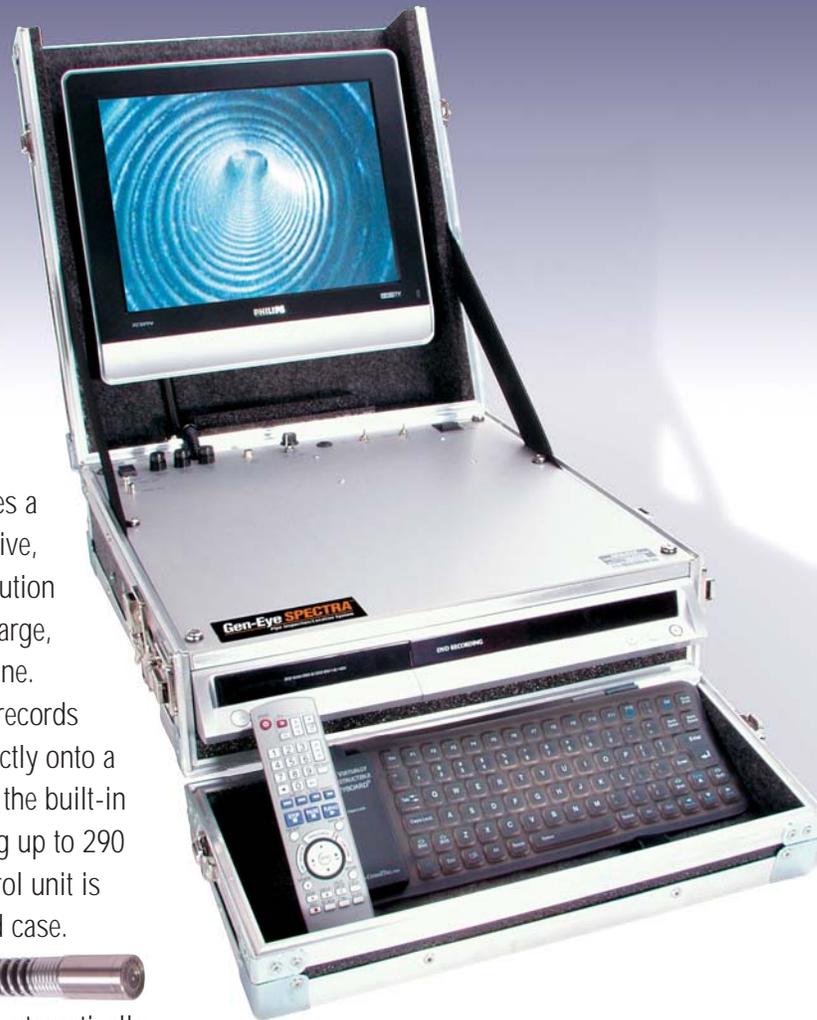


# Gen-Eye **SPECTRA**<sup>TM</sup>

Pipe Inspection Location System

## With 160 GB Hard Drive and 15" LCD Screen

The Gen-Eye Spectra<sup>TM</sup> features a state of the art 160 GB Hard Drive, DVD recorder, and a high resolution 15" LCD monitor that offers a large, crisp, clear picture of the pipeline. With this system, the operator records the video of the inspection directly onto a DVD-R disc in real-time, or on the built-in 160 GB hard drive for recording up to 290 hours of inspections. The control unit is neatly condensed into a rugged case.



The self-leveling color camera automatically keeps your picture right side up as the camera glides through the line. No more tilting your head to adjust for the twisting of the camera or explaining to a customer why the water is on the top of the screen. You always have an upright picture on the monitor, making it easier for you and your customers to follow the action.

Backed by a two-year warranty, the Gen-Eye Spectra system includes everything you need to trouble-shoot 2" through 10" lines, including:

### ■ Virtually Indestructible Keyboard

The on-screen titler keyboard is virtually indestructible. It's impervious to water, dirty hands and grime from the field. You get up to eight pages of text to add your company name and job location to each video you make.

### ■ Built-in AC/DC converter

Allows you to operate in the field with truck power alone.

### ■ Built-in voice over unit

Internal microphone and on/off switch lets you add commentary to your videos.

### ■ On-screen distance counter

Lets you keep track of how much push rod you've fed into the line.

### ■ Date and Time Stamp

You can document the date and time of each job for your records.

### ■ Other features include

Internal 512 Hz transmitter, picture inverter, dimmer control, panel mount fuses, and trap skid.

# Gen-Eye GL™ Mini-Monitor Package

## Pipe Inspection Location System



**For smaller spaces and smaller budgets.**

The Mini-Monitor package fits in a smaller space and a smaller budget. The compact, light weight Mini-Monitor weighs just 18 lbs. And it has some of the features of the full size Command Module. Combine the Mini-Monitor with the Mini-Reel for 2" to 4' lines, or the Standard Reel for 3" to 10" lines, and get a very economical package.

The Standard Reel features the self-leveling color camera. It automatically keeps your picture right side up as the camera glides through the line. You always have an upright picture on the monitor, making it easier for you and your customers to follow the action.

Backed by a two-year warranty, the Gen-Eye system includes everything you need to trouble-shoot 2" through 10" lines, including:

### Three camera options

Self-leveling color camera that's just 1.375" in diameter, standard color camera with 16 LED's, or a black and white camera in a stainless steel housing. The mini-camera is just one inch in diameter.

### Flexibility, Strength, Durability

A tough, Gel-Rod® push rod protects against moisture damage if the rod is cut or abraded. Its Kevlar® braid, fiberglass core, and durable sheath provide for maximum pushing and pulling power.

### Big capacity reels

The standard reel holds up to 400 ft. of push rod for inspecting 3" to 10" lines. It's mounted on a sturdy frame and takes up little space in your truck. Eight inch wheels ensure easy transport to and from the job. The Mini Reel carries up to 200 ft. of push rod for view 2" to 4" lines. The compact frame offers easy handling without taking up too much room in your truck.

### Skid designs

Skids keep the camera centered in the pipe for a better view, while reducing drag on longer runs. Standard systems include both 3" and 6" trap skids that protect the camera from abrasion as it slides through cast iron traps. Optional 3-in-1 skid set for 4", 6" and 8" lines, and Universal Roller Skid for 6" to 12" lines are also available.

### Other features include

Internal 512 Hz transmitter, dimmer control, and panel mount fuses.

# Gen-Eye™

## Pipe Inspection/Location System

### The Gen-Eye™ Digital Locator with push button Depth Finder

Have you ever dug up the flower bed and driveway only to find the problem was somewhere else? Mistakes like these cost time, money, and reputation. And when you find the problem, do you need a shovel – or a backhoe? The Gen-Eye Pipe Locator uses high tech digital technology to tell you exactly where the pipe is and how deep, down to the inch. No time-consuming triangulation required. With the push of a button, you can locate cast iron pipe to a depth of 10 ft. and plastic and clay pipe to 20 ft.

### No guesswork involved

The Gen-Eye Digital Locator lets you know exactly where the problems are. 100 sensitivity levels let you home in on the transmitter's signal. The LCD display panel produces a clear digital readout, as well as a graphic display and an audible tone. It's faster and more precise than analog locators.

### Locator Specifications:

#### Operating Modes/Frequency:

Camera Locator/512 hz and 874 hz  
 Pipe Locator/65 khz  
 Power Line Locator/60 hz or 50 hz

#### Dynamic Range:

96 db

#### Depth Range:

20 ft. (6 m) in polyethylene and clay pipe  
 10 ft. (3 m) in cast iron pipe

#### Indicators:

Backlit LCD digital display with signal strength read-out, graphic display, audible tone, digital depth indicator, battery status.

#### Locator Weight:

4.5 lbs. / 2 kg

#### Transmitter Weight:

5 lbs. / 2.3 kg

#### Locator Batteries:

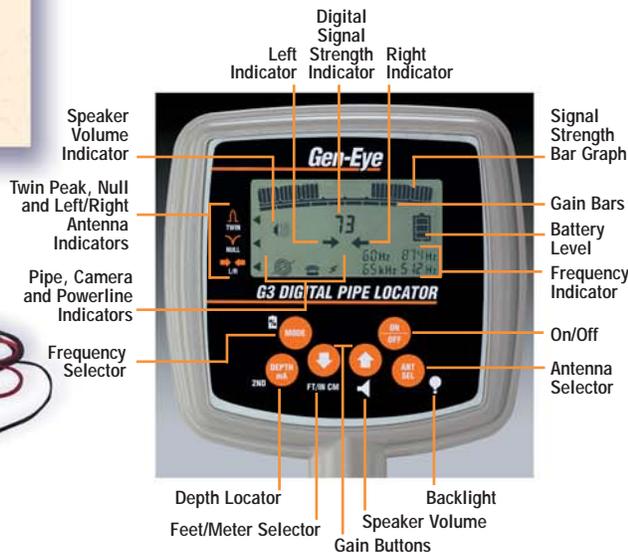
6 x C (50 hrs. of life at 68°F)

The Gen-Eye Locator lets you locate almost anything underground with its built-in four-way signal finder. You can find the Gen-Eye camera even when it's deep inside cast iron pipe. When you turn on the digital locator, it looks for the 512 Hz or 874 Hz signal transmitted from the Gen-Eye camera.

Switch the locator to 60 Hz, and you can locate underground power lines before you start digging. Switch again, and you can locate gas lines, fiber optic cables, and CATV cables with the optional 65 KHz transmitter. All with more power and dynamic range than any other locator available.



Optional 65 KHz transmitter



# Gen-Eye™ Cameras

## Specifications



	Self-Leveling Color	Color Standard	Black & White Standard	Color Mini	Black & White Mini
<b>Line Capacity</b>	3" to 10" (75 mm to 250 mm)	3" to 10" (75 mm to 250 mm)	3" to 10" (75 mm to 250 mm)	2" to 4" (50 mm to 100 mm)	2" to 4" (50 mm to 100 mm)
<b>Reel Capacity</b>	200, 300, or 400 ft. (60, 90, 120 m)	200, 300, or 400 ft. (60, 90, 120 m)	200, 300, or 400 ft. (60, 90, 120 m)	100 or 200 ft. (30 or 60 m)	100 or 200 ft. (30 or 60 m)
<b>Sensitivity</b>	.5 Lux	.5 Lux	.03 Lux	.5 Lux	.5 Lux
<b>Lighting</b>	16 White LED's	16 White LED's	14 Red LED's	8 White LED's	12 White LED's
<b>White Balance</b>	Auto High Speed White Balance	Auto High Speed White Balance	N/A	Auto High Speed White Balance	N/A
<b>Camera Dimensions</b>	1.375" x 2.312" L	1.375" x 1.85" L	1.2" x 1.7" L	1" x 1.8" L	1" x 1" L
<b>Push-Rod Diameter</b>	.475" Gel-Rod®	.475" Gel-Rod®	.475" Gel-Rod®	.400" Gel-Rod®	.400" Gel-Rod®
<b>Reel and Frame Dimensions</b>	29" L (73.6 cm) 16" W (40.6 cm) 33-1/2" H (85 cm)	29" L (73.6 cm) 16" W (40.6 cm) 33-1/2" H (85 cm)	29" L (73.6 cm) 16" W (40.6 cm) 33-1/2" H (85 cm)	18" L (46 cm) 10" W (25 cm) 22" H (56 cm)	18" L (46 cm) 10" W (25 cm) 22" H (56 cm)
<b>Gen-Eye GL Command Module Case Dimensions</b>	20" L (51 cm) 16" W (41 cm) 19" H (53 cm)	20" L (51 cm) 16" W (41 cm) 19" H (53 cm)	20" L (51 cm) 16" W (41 cm) 21" H (53 cm)	20" H (53 cm) 16" W (41 cm) 21" H (53 cm)	20" H (53 cm) 16" W (41 cm) 21" H (53 cm)
<b>Gen-Eye GL Weight</b>	49 lbs. 22 kg	49 lbs. 22 kg	49 lbs. 22 kg	49 lbs. 22 kg	49 lbs. 22 kg
<b>Gen-Eye Spectra Command Module Case Dimensions</b>	21" L (53 cm) 18" W (46 cm) 7-3/4" H (20 cm)	21" L (53 cm) 18" W (46 cm) 7-3/4" H (20 cm)	21" L (53 cm) 18" W (46 cm) 7-3/4" H (20 cm)	21" L (53 cm) 18" W (46 cm) 7-3/4" H (20 cm)	21" L (53 cm) 18" W (46 cm) 7-3/4" H (20 cm)
<b>Spectra Weight</b>	51 lbs. 23 kg	51 lbs. 23 kg	51 lbs. 23 kg	51 lbs. 23 kg	51 lbs. 23 kg
<b>Gen-Eye Mini-Monitor Command Module Case Dimensions</b>	12-1/2" L (32 cm) 9" W (23 cm) 9-1/2" H (24 cm)	12-1/2" L (32 cm) 9" W (23 cm) 9-1/2" H (24 cm)	12-1/2" L (32 cm) 9" W (23 cm) 9-1/2" H (24 cm)	12-1/2" L (32 cm) 9" W (23 cm) 9-1/2" H (24 cm)	12-1/2" L (32 cm) 9" W (23 cm) 9-1/2" H (24 cm)
<b>Mini-Monitor Weight</b>	17 lbs. 7.7 kg	17 lbs. 7.7 kg	17 lbs. 7.7 kg	17 lbs. 7.7 kg	17 lbs. 7.7 kg
<b>Video Format</b>	NTSC or PAL	NTSC or PAL	NTSC or PAL	NTSC or PAL	NTSC or PAL
<b>Power</b>	110v/60Hz AC 12v DC	110v/60Hz AC 12v DC	110v/60Hz AC 12v DC	110v/60Hz AC 12v DC	110v/60Hz AC 12v DC
<b>Operating Temperature</b>	14°F to 122°F -10°C to 50°C	14°F to 122°F -10°C to 50°C	14°F to 122°F -10°C to 50°C	14°F to 122°F -10°C to 50°C	14°F to 122°F -10°C to 50°C

# Gen-Ear™

## Water Leak Location System



**N**ow, a smaller investment gets you a better method for tracking down water leaks. The new Gen-Ear LE is a simplified, more economical tool with stronger sound amplification than other systems. Use it to pinpoint water leaks in residential and commercial water lines, whether they are under concrete slabs, in walls, swimming pools and hot tubs.

The compact amplifier fits easily in the palm of your hand. It provides noise-free amplification with built-in preset audio filters, so you don't have to guess what settings to use. And the high performance headphones with noise cancellation features block out interference from ambient noise. The ground sensor listens for the gurgling or hammering of water escaping from a cracked pipe under

concrete, asphalt, or tile. For soft surfaces like grass or carpet, use the probe rods. Or, for above ground pipes or hydrants, you can use either the probe rods or the magnet attachment.

For especially hard to find leaks, the Sound Amplification Manifold adds air to the line, increasing water pressure. This amplifies the leak sounds, making them easier to locate.

The Gen-Ear LE will save you a lot of guess-work and unnecessary digging. And that saves you a lot of money.

## Components:

### 1. Ground Sensor

Finding the leak starts with a quality ground sensor. It locates leaks through hard surfaces, concrete, tile, etc. Threaded nipple accommodates sectional probe rods or magnet. Wind proof, shock resistant housing protects against handling noise interfering with locating process.



### 2. Sectional Probe Rods

Looking for leaks under soft surfaces such as grass or carpet? The Probe Rods allow for easy sound sampling for leaks. Three, one-foot probe rods thread into the sensor.



### 3. Sensor Magnet

Sound surveying is much easier with the sensor magnet attachment.

It threads onto the sensor to listen for leaks through above ground pipes, fire hydrants, water mains, iron valves, or steel pipes and fittings.



### 4. Amplifier

Take the leak sounds and pump them through the powerful amplifier with built-in preset audio filters, low battery indicator light, and volume control. It's mounted in a durable housing that fits easily in the palm of your hand. Safety mute button protects operator from sudden loud noises. Unit automatically shuts down when the headphones are removed to extend battery life. Includes built-in flashlight for night location jobs. Operates on two AA batteries.



### 5. High Performance David Clark® Stereo Headphones

High quality headphones give you the clearest sound with superb noise cancellation features to block out interference from ambient noise.

### 6. Sound Amplification Manifold (SAM)

Hard to find leaks get a boost with the SAM. It helps amplify hard to hear leaks by using air to pressurize the water line, making leak location easier.



### 7. Heavy Duty Carrying Case

Made of high-density polyethylene. Designed to withstand heavy use and protect your investment.

## Specifications:

### Amplifier:

Input Impedance: 430k

Output Impedance: 4 – 10 Ohm

Amplification: 56 db +/- 3%

### Filter Characteristics:

100 ~ 1000 Hz

Power: Two 1.5-Volt AA Batteries

Power Consumption: 20 mA

### Dimensions:

5-3/4" x 1" x 2-1/2"  
(15 cm x 2.5 cm x 6 cm)

Weight: 1 lb. (.45 kg)

### Operating Temperature:

20° F – 130° F

### Sensor:

Element: Piezoelectric Element

Sensitivity: 1.00V/g at 400 Hz  
(Max.)

### Headphones:

Dynamic Range:

10 - 20,000 Hz

Noise Reduction Rating: 23db

### Carrying Case:

Dimensions:

20" x 13.5" x 9"  
(51 cm x 34 cm x 23 cm)

Weight: 7.5 lbs. (3.4 kg)

# No. 25 Handy™

*Big Capacity; Collet Chuck*

# D-25 Handy™

*Can Be Attached to a Drill*



**P**atented collet chuck tightens firmly on cable with just a quarter turn. No chance of damaging the sink as there is with a thumb screw. Durable steel container can hold 35 ft. of 3/8" or 50 ft. of smaller diameter cables.



**Y**ou can take off the turning handle and attach the container to a 3/8" or 1/2" drill. The D-25 also has a larger knob on the collet chuck to give the operator a better grip.

## Handy Units

Regular Down Head Unit No.	Head Unit No.	Feet	Diameter	Weight Pounds
25-2	25-8	25	1/4"	8-1/2
25-2-A	25-8-A	25	5/16"	10
25-3	25-9	25	3/8"	12
25-3-A	25-9-A	35	3/8"	15

## D-25 Units

Regular Down Head Unit No.	Head Unit No.	Feet	Diameter	Weight Pounds
D-25-2	D-25-8	25	1/4"	8-1/2
D-25-2-A	D-25-8-A	25	5/16"	10
D-25-3	D-25-9	25	3/8"	12
D-25-3-A	D-25-9-A	35	3/8"	15

# No. 10 Handy™

Compact; Quality Design



**C**ompact design. Equipped with Double Down Head for maximum flexibility. Head has two universal joints connected by a very flexible spring. Special cable with stiffening wire in center. Plated steel drum, plastic grip handle and "finger-tip" turning knob for fast, easy rotation.

# Spin-Thru™

Economy Drain Cleaner



**S**urprising quality in a low-priced tool. Cable is held in place with a thumb screw. Stamped steel drum has a 25 ft. capacity. High impact "T" handle is particularly convenient for use in laundry tubs. Cables are economy grade for light duty occasional use.

## No. 10 Units

Unit No.	Contains	Weight Pounds
N1514-DDH	5 ft. x 1/4" (L15W1-DDH)	5
N2514-DDH	25 ft. x 1/4" (L25W1-DDH)	6

## Spin-Thru Units

Unit No.	Contains	Weight Pounds
R-15SM	15 ft. x 1/4" (LR-15POH)	4
R25SM	25 ft. x 1/4" (LR-25POH)	5

# Spin-Drive™ Model 400



All units equipped with Flexicore wire rope center cables, assuring long life, as well as the right strength and flexibility.

A large crank handle on the back of the drum gives you powerful leverage, and after a couple of turns, you have the speed and momentum to break through a stubborn stoppage. Drum is made of heavy-gauge steel and is treated for rust resistance. Three holes are punched in the drum for quick cleaning and drying of cable. The drum turns easily on self-aligning oilite bearings mounted front and rear. A convenient carrying handle is mounted on the drum for easier portability.

## Recommended Units, Complete with Flexicore Cables

Unit No.	Contains	Weight/Pounds
450FL2	50 ft. x 3/8"	34
450FL2-DH	50 ft. x 3/8" Down Head	34
450FL3	50 ft. x 1/2"	42
450FL3-DH	50 ft. x 1/2" Down Head	42
475FL3	75 ft. x 1/2"	54
475 FL3-DH	75 ft. x 1/2" Down Head	54
*450EM3	50 ft. x 1/2"	42
*475EM3	75 ft. x 1/2"	54

\*Includes 1-1/2UC and 2UC U-Cutters.

Catalog No.	Capacity	Weight/Pounds
400 – Containers Only	75 ft. x 1/2"	17

# Flexicore™ Drain Augers

A core of aircraft-type wire rope makes Flexicore Augers so tough they carry a one-year warranty (see page 3). After coiling, they're heat treated for maximum toughness and durability. Right-hand wind makes manual operation easier through greater flexibility.

Optional deluxe rotary handle has two smoothly operating hand grips.



Wire Rope Center Construction

Down Head



Available on 1/4", 5/16", 3/8", and 1/2" cables. Guides cable down the line, not up the stack.



Basin Plug Head

Standard on 1/4" and 5/16" diameter cables.

Bulb-Type Head Standard on 3/8" and 1/2" cables.

Double Down Head



Available on 1/4" and 5/16" cables. Flexible enough to be worked through a drum trap.

## 1/4" Diameter

For sink traps, 1-1/4" lines, lavatory and bath drains, laundry tubs, etc.

Regular Head	Down Head	Double Down Head	Length Feet	Weight Pounds
L-15FL1	L-15FL1DH	L-15FL1-DDH	15	2-1/2
L-25FL1	L-25FL1-DH	L-25FL1-DDH	25	4
L-35FL1	L-35FL1-DH	L-35FL1-DDH	35	5-1/2
L-50FL1	L-50FL1-DH	L-50FL1-DDH	50	8

## 3/8" Diameter For 1-1/2" through 3" lines.

Regular Head	Down Head	Length Feet	Weight Pounds
L-25FL2	L-25FL2-DH	25	7
L-35FL2	L-35FL2-DH	35	10
L-50FL2	L-50FL2-DH	50	14
L-75FL2	L-75FL2-DH	75	22

## 5/16" Diameter Excellent heavy duty – for small lines.

Regular Head	Down Head	Double Down Head	Length Feet	Weight Pounds
L-25FL1-A	L-25FL1-A-DH	L-25FL1-A-DDH	25	6
L-35FL1-A	L-35FL1-A-DH	L-35FL1-A-DDH	35	7-1/2
L-50FL1-A	L-50FL1-A-DH	L-50FL1-A-DDH	50	11

## 1/2" Diameter For 3" and 4" lines.

Regular Head	Down Head	Length Feet	Weight Pounds
L-50FL3	L-50FL3-DH	50	23
L-75FL3	L-75FL3-DH	75	35
L-100FL3	L-100FL3-DH	100	45

# Mytee-wire™

## Hollow Drain Augers

Coiled from top quality wire spring, with a space between coils for maximum flexibility and resistance to kinking. Heat treated to relieve stress created in the coiling process.



Deluxe rotary handle has two smoothly operating hand grips.



## 1/4" Diameter

For sink traps, 1-1/4" lines, lavatory and bath drains, laundry tubs, etc.

Regular Head	Down Head	Length Feet	Weight Pounds
L-25MY1	L-25MY1-DH	25	3-1/2
L-50MY1	L-50MY1-DH	50	7

# Economy Grade

## 1/4" Diameter

For sinks and other small drains.

R-8PQH	8 ft.	1-1/2 lbs.
R-15PQH	15 ft.	2-1/2 lbs.
R-25PQH	25 ft.	3-1/2 lbs.

## 3/8" Diameter

For 2" through 3" drain pipes.

R-25PMH	25 ft.	4-1/2 lbs.
R-50PMH	50 ft.	9 lbs.

## 1/2" Diameter

For 3" and 4" drain pipes and sewers.

R-25PLH	25 ft.	10 lbs.
R-50PLH	50 ft.	20 lbs.
R-100PLH	100 ft.	38 lbs.

# Closest Augers

## Three Foot Flexicore®

**G**uaranteed against manufacturing defects for a full year. This warranty includes damage to the cable, as well as the Closet Auger's other components.

Two layers of tempered spring steel are coiled tightly over a core of 49-strand wire rope. It gives the tool tremendous resistance to kinking.

The flexible down head follows bowl contours; springs through sharply angled passages while protecting inner walls from chipping or breaking.

Catalog Number		Weight/Pounds
3FL-DH	Down Head	4-1/2
3FL	Regular Head	4-1/2
3MFL-DH	Music Wire with Down Head	4-1/2
3MFL	Music Wire with Regular Head	4-1/2



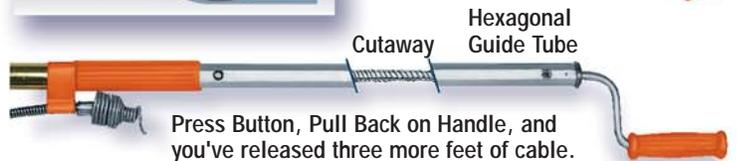
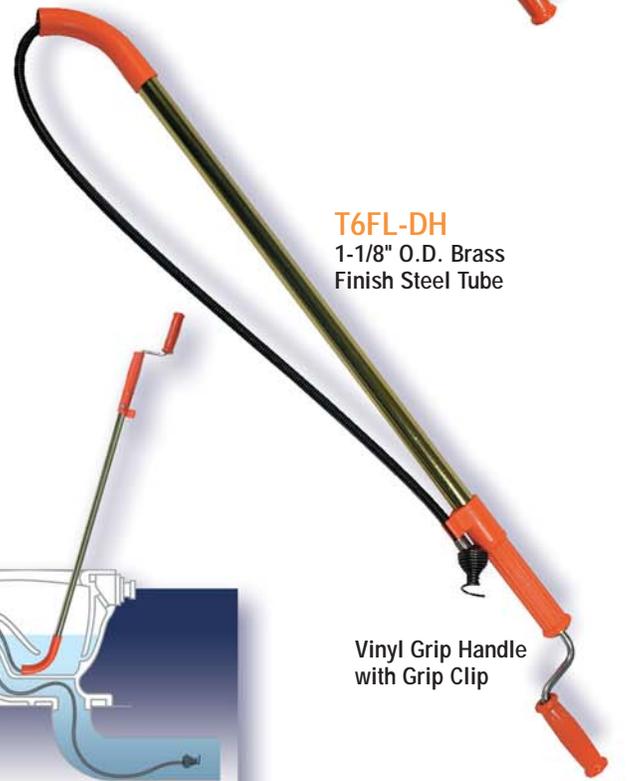
## Six Foot Teletube®

**M**akes conventional six foot augers obsolete, because it has three feet telescoped into a guide tube until you need it. After you've worked the first three feet into a bowl, you can go three feet farther simply by pressing a button and pulling the crank handle.

Outer tube is a big 1-1/8" in diameter; guide tube is even tougher than the steel rod we use in our 3FL closet augers. Teletube weighs just a little more than a 3FL.

Other features include vinyl bowl guard, vinyl grip handle, die cast aluminum turning handle, and "Grip Clip" for attaching cable.

Catalog Number		Weight/Pounds
T6FL-DH	Down Head	5-3/4
T6FL	Regular Head	5-3/4



## Large Economy

Equipped with 1/2" diameter hollow spring. Plastic turning handle and vinyl grip handle; vinyl bowl guard; 3/4" steel tube; 3/8" galvanized steel turning rod. Has ring for holding cable in place when not in use.

Catalog Number	Size	Weight/Pounds
3J	3 ft.	3-1/2

## Small Economy

Light duty tool for the price-conscious buyer. Attractively finished with 3/8" diameter hollow spring and 5/8" diameter tube. Wood turning handle; vinyl bowl guard; galvanized turning rod. Has ring for attaching spring.

Catalog Number	Size	Weight/Pounds
R-3NKH	3 ft.	1-1/2
R-6NKH	6 ft.	2

# Urinal Augers

Gets through urinals where other snakes can't. A specially designed spring has the toughness and flexibility to negotiate tight urinal bends. Telescoping Teletube® model TU4 features a 48" spring for clearing stoppages beyond the urinal. The U2 has a 29" spring. Both models have rust resistant steel tubes and rubber bumpers to protect urinal bowls.



Catalog Number	Size	Weight/Pounds
TU4	48"	1-3/4
U2	29"	1-2/3



# Sectional Sewer Rods

1/4" x 6 Foot Sections of Round Oil Tempered Steel

All parts are Electro-coated to resist corrosion. Makes 90 degree bends in 6" sewer lines; will not operate in traps. Comes with a variety of boring heads.



## Tools for Sectional Sewer Rods



### SE1 Corkscrew for 2" Pipe

1" dia. body x 11" long x 1-1/2" dia. x 2" head.  
Used first to start water flowing.



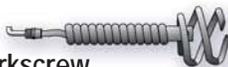
### SE2 Diamond Head

1" dia. body x 11- 3/4" long x 1-3/4" dia. x 2-1/4" head.  
For small, grease packed waste line.



### SE3 Root Cutter

1" dia. body x 12-1/2" long x 3" dia. x 3-1/2" head.  
Shears tough roots, and breaks up hard packed stoppages.



### SE4 Double Corkscrew

1" dia. body x 11" long x 2-1/2" dia. x 2-1/2" head.  
Second tool – for roots etc.



### SE5 Corkscrew for 4" Pipe

1" dia. body x 13" long x 2-3/4" dia. x 4" head.  
For roots, grease, etc.

### SE6 Pick-Up Tool

1" dia. body x 10" long x 2-3/4" dia. x 1-1/2" head.  
Retrieves broken rod or tool.



### SE7 Electric Drill Adapter

6-3/4" long. Fits 3/8" and larger portable electric drill.  
For slow-speed reversible drills only.



### SE8 Assembly Wrench

8-1/2" long. Used with Turning Handle for coupling and uncoupling.



### SE9 Turning Handle

16" long. Provides great leverage in boring, pulling or pushing while maintaining tension.



### SE10 Rod Frame

44" in dia., 4 spokes and reinforcing band made from 5/16" round steel securely welded. A strong and sturdy holder for uncoiling and recoiling rod.

## Optional Tools for Sectional Rods

### SE11 3" – 6" Expansion Cutter

Head contracts to 2-3/4" dia. and expands to 5" dia. Passes through 3" pipe to clean 6" pipe.  
Use only as a finishing tool after the 4" line has been cleaned to the walls.

### SSRC

Cutaway view of coupling.

Left Hand Nut



Right Hand Nut

Sectional Rods assemble at right angles and cannot come apart in the line.

# Municipal Sewer Rods

**5/16" Sections of Round Oil Tempered Steel**

All parts are Electro-coated to resist corrosion. 5/16" x 36" or 39" long. Heat fused coating supplied at additional cost. Couplings have solid wall guide between end openings for easier connecting. Couplings also have a groove running around the body at the center hole for quicker alignment of turning tool.



## Municipal Rods and Tools

- 2MSR** 36" Section with Coupling
- 3MSR** 39" Section with Coupling
- MSRC** Municipal Rod Coupling



**M21** Municipal Rod Turning Handle

**M22** Municipal Rod Frame



**M23** Municipal Rod Electric Drill Adapter



**M24** Assembly Wrench



**M25** 3" - 6" Expansion Cutter



**M27** Corkscrew for 2" Pipe



**M28** Diamond Head



**M29** Root Cutter



**M30** DoubleCorkscrew for 4" Pipe



**M31** Pick-Up Tool

**M32** Corkscrew for 4" Pipe

**M3HDB** 3" Heavy Duty Saw Blade

**M4HDB** 4" Heavy Duty Saw Blade

**M6HDB** 6" Heavy Duty Saw Blade

**M8HDB** 8" Heavy Duty Saw Blade

**M4A** 4" Corkscrew Auger

**M6A** 6" Corkscrew Auger

**M8A** 8" Corkscrew Auger

**M4SQ** 4" Square Bar Corkscrew

**M6SQ** 6" Square Bar Corkscrew

**M8SQ** 8" Square Bar Corkscrew



**M4A - 4" Corkscrew Auger**

A good tool for breaking up sand, grease, and similar stoppages. The beveled front and rear edges of the cutter help it to dig into and break up solid obstructions. Corkscrew Auger is formed from high carbon tool steel. Available in 4", 6", and 8" sizes.



**M33 - Ratchet Turning Handle**

The ratchet turning handle makes it easier to rotate municipal sewer rods. The ratchet action eliminates the need to rotate a turning handle 360° and the 15" handle gives the operator more leverage than our standard turning handle.



**M4HDB - 4" Heavy Duty Saw Blade**

Heavy gauge steel blade has teeth cut into both the front and back edge. It chews into roots going into and coming out of the line. Comes in 3", 4", 6", and 8" sizes.



**M4SQ - 4" Square Bar Corkscrew**

An excellent all-around tool. Effectively handles roots and grease. Made of high carbon tool steel with a cutting edge milled on the rear surface of the cutter. This enables the Square Bar Corkscrew to cut as it is fed into the line and as it is pulled back. Available in 4", 6", and 8" sizes.

# Flat Sewer Rods

*A Sturdy Tool for Cleaning Drain Lines and Sewers*

Oil tempered spring steel is resistant to rusting and kinking. The rod is bolted to the frame at the back, so it can't spring out of the frame when you near the end. A comfortable, efficient Quick-Grip Handle makes the work go faster.



All sizes furnished with Quick-Grip Handle and Roller Head, unless another head is specified.

Size	Catalog Number	Feet	*Weight Pounds with Holder
1/2" x 1/16" 2" thru 3" pipe	25 B	25	5
	50 B	50	7-1/2
	75 B	75	10
	100 B	100	12-1/2
3/4" x 1/16" 2" thru 4" pipe	25 C	25	5-1/2
	50 C	50	10
	75 C	75	14
	100 C	100	18
1/2" x 1/8" 2" thru 4" pipe	25 H	25	9-1/2
	50 H	50	14
	75 H	75	18
	100 H	100	22
	150 H	150	33
3/4" x 1/8" 4" thru 6" pipe	200 H	200	44
	50 D	50	19
	75 D	75	27
	100 D	100	35
	150 D	150	53
1" x 1/8" 4" thru 8" pipe	200 D	200	71
	50 I	50	27
	75 I	75	38
	100 I	100	49
	150 I	150	71
	200 I	200	93

\* Add 1 pound to weight when ordered with Flexible Cutter.

## Flat Sewer Rod Cutters

### Revolving Roller Head



Catalog Number	For Rod Size	Diameter Head	Weight Pounds
1-R	B	1-1/8"	1/4
2-R	C, H, and D	1-1/2"	1/2
3-R	I	3"	1-3/4

### Revolving Spear Head



Catalog Number	For Rod Size	Size Head	Weight Pounds
1-S	B, C, and H	1-1/4" x 1-3/4"	1/4
2-S	D and I	2-1/2" x 3-1/2"	3/4

### Flexible Roller Head



Catalog Number	For Rod Size	Diameter Head	Weight Pounds
F-1R	B	1-1/8"	1/2
F-2R	C, H, and D	1-1/2"	1-1/2
F-3R	I	3"	2-3/4

### Flexible Spear Head



Catalog Number	For Rod Size	Size Head	Weight Pounds
F-1S	B, C, and H	1-1/2" x 1-3/4"	1/2
F-2S	D and I	2-1/2" x 3-1/2"	1-3/4

The spring on Flexible Roller Head and Flexible Spear Head helps guide them around sharp bends that would be difficult or impossible to pass through with a conventional cutting head.

# Specialties



## "Gripfit" Tubing Straps

Grips tubing and leaves hands free for fastening. Center rib provides extra strength. Available in solid copper and copper coated steel.



## Shower Curtain Pins

The most popular size and style. The blunt end prevents damaging curtain or jabbing of fingers. Heavily chrome plated to prevent rust.



## "Gripfit" Pipe Hooks

Basic or copper coated steel. Either type available with plastic dipped gripping surface to prevent expansion noise and electrolysis. "Gripfit" holds pipe tightly; humped shoulders form solid driving surface.



## Test Plugs

With rugged cast aluminum body, smoothly turning cast iron wing nut, and live rubber ball. Rugged construction throughout. In the most popular sizes.

# Drain Flushers™

## A Sturdy Tool for Cleaning Drain Lines and Sewers



Just attach to garden hose and slide Drain Flusher into drain. Water expands Flusher to size of pipe. Then water pressure pushes stoppage down the line.

Equipped with back-flow preventer on the inlet side. Made of tough reinforced nylon to resist punctures. Far more durable than rubber. Narrow profile and internal flat spring help work Drain Flusher around bends. Blister packed on three-color cards.



Catalog Number	Size	Weight/Pounds
1.5DF	1-1/2"	1/2
2.5DF	2-1/2"	1/2
3DF	3"	3/4
4DF	4"	1

# Hot-Shot™

Thaws Frozen Pipes Quickly

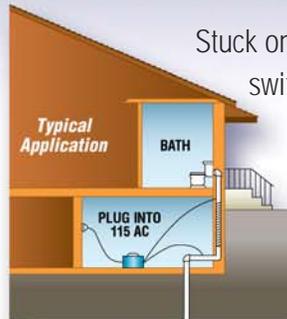
No more tearing up floors, breaking through walls, or digging up pipes in frozen ground. Eliminate hazardous blow torches. With the safe Hot-Shot pipe thawer, you can accomplish the job faster and easier – and save time and money.

## Easy to Operate

Just carry your Hot-Shot to the job, attach the pipe clamps and plug it into 115 volt receptacle. In minutes, the frozen pipe will be flowing again.

## Lighter Weight; Lower amp Draw

The Hot-Shot 320, weighing in at just 30 lbs., generates 320 amps of thawing power, yet draws just 14 amps. This little unit can quickly thaw 1-1/2" diameter lines up to 100 ft. long.



## Hit 'em High; Hit 'em Low

The Hot-Shot 400 clears longer and larger lines with 400 amps of power. It's powerful enough to clear 1-1/2" diameter lines up to 175 ft. long, yet weighs just 31 lbs.

Stuck on a job with only 15 amp breakers? Just flip the switch on the Hot-Shot 400 and the amp draw drops below 14 amps while the unit still delivers 320 amps of thawing power.

Safety features like thermal overload protection and circuit breakers are standard equipment.

*300 amp CSA approved model available.*

# Cold-Shot™

Pipe Freeze Kit

No need to drain water lines, sprinkler systems, or hot water systems before cutting pipe or tubing. The Cold-Shot keeps pressurized systems operating while you make repairs.

It freezes all type of liquids in steel, copper, cast iron, aluminum and plastic pipes ranging from 1/8" to 2" (10 mm – 60 mm) using carbon dioxide (CO<sub>2</sub>). Dip-tube type cylinders are available at all welding supply houses.

The Cold-Shot is faster and less expensive than "refrigerator-type" units; faster and uses less CO<sub>2</sub> than "bag-type" units. In five minutes, you're ready to go to work on copper tubing, just three minutes for cast iron pipe.



Kit includes 10 sets of freeze heads for 1/8" to 2" lines (10 mm to 60 mm), two high pressure spiral hoses with injectors, T-distributor, locking nut, hex head screwdriver, rubber gloves, goggles and carrying case.

# Flood-Guard™

## Prevent Basement Flooding

Flood-Guard operates like a check valve to seal off water back-up caused by overloaded sewers. Water flows normally through the drain until the sewer begins to back up. Then the Flood-Guard float rises to seal off the drain opening until the water recedes.

A screwdriver and a couple of minutes are all you need to install a Flood-Guard. Once in place, it can prevent property damage and a very messy clean-up job.

For extreme, extended pressure (for instance, where home-made seals have popped out of the line,) we recommend our standpipe models. The 4" Standpipe Flood-Guard is threaded to receive 1-1/2" IPS pipe. On the 3" model, the pipe is slipped through the rubber gasket before the screws are fully tightened.

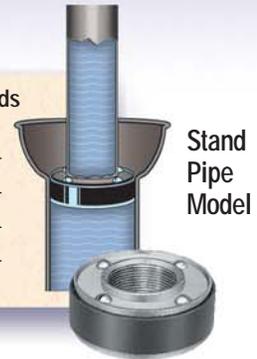
Gaskets are made of molded rubber, and all metal parts are plated or stainless steel.



Float Model



Catalog Number		Per Carton	Weight Pounds
2F	2" Float Model	4	1
3F	3" Float Model	6	3
4F	4" Float Model	6	6
S-3F	3" Standpipe Model	6	2-1/2
S-4F	4" Standpipe Model	6	7-1/2



Stand Pipe Model

# EasyReach™

## Picks Up Everything from Dimes to Bricks

You'll find dozens of uses for this labor-saver, like cleaning traps and manholes of rocks and debris, grabbing objects from hard to get at places, and changing light bulbs. You can even retrieve golf balls from ponds and pick fruit from trees.

It's sensitive enough to pick up small screws and washers, yet strong enough to pick up a five pound rock. The locking trigger feature lets you grab and lock on to objects without further trigger pressure.



The EasyReach is made of extruded aluminum and stainless steel to be durable and corrosion resistant. Two thermal plastic rubber caps open 4-1/2" to grip nearly anything.

This tool is available in 32" and 40" lengths as well as 60", 72", 96" and 120" lengths which fold for more convenient storage.

Length	Catalog Number
32 "	32RE
40 "	40RE
60 " (Folding Model)	60REF
72 " (Folding Model)	72REF
96 " (Folding Model)	96REF
120 " (Folding Model)	120REF
Replacement Cups	RECUP



# AutoCut™

## Copper Tubing Cutter



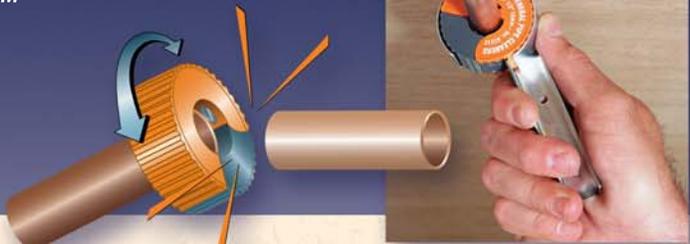
This is a great tool to have when you don't have enough swing room to use a full-size tubing cutter. You can cut copper tubing with less than one inch of clearance. And it's ideal for stub-out work.

And it's quicker than conventional cutters. Just snap it on the tube, close the gate and turn. The cutter wheel automatically tightens as you turn the AutoCut – no knobs to twist. The cutter wheel is spring loaded to provide a constant cutting pressure, so you'll never accidentally crimp the tubing.

For extra leverage in awkward spaces, you can get a Ratchet Turning Handle. It slides over the AutoCut from either side for maximum ease of operation.



Watch out though, they'll spoil you.



Catalog Number	For use with:	Standard Pack
ATC-12 Copper Tubing Cutter	1/2" (13mm) copper tubing	12
ATC-34 Copper Tubing Cutter	3/4" (20mm) copper tubing	12
ATC-100 Copper Tubing Cutter	1" (28mm) copper tubing	6
RH-12 Ratchet Handle	ATC-12 1/2" Tubing Cutter	8
RH-34 Ratchet Handle	ATC-34 3/4" Tubing Cutter	8
ATCW Replacement Cutter Wheels	ATC-12, ATC-34 and ATC-100	12

**Not for use with soft copper**

AutoCut Patent No. 5903980 – Canada Patent No. 2187868

The AutoCut has long lasting hardened steel cutting wheels that are easy to replace when the time comes. Keep a 1/2", 3/4" and 1" AutoCut in your tool box.



### Stub-Out Work

Can be closer to the wall than conventional pipe cutters because there's no turning handle to get in your way.

# SuperSlice™

## A Better Way to Cut Plastic Tubing

A patented V-point blade pierces hard or soft plastic tubing, then slices through to give a clean, easy cut with virtually no tube deformation. The blade is offset to give you powerful, penetrating action with a minimum of force.

Use it on PEX, PVC, CPVC, irrigation pipe, plastic or rubber garden hose, and plastic electric conduit. One squeeze does the job. Ergonomically designed handles give you a sure grip with lots of leverage. Easily cuts tubing as large as one inch in diameter.

SuperSlice has the blade that gives you the edge.



Catalog Number	Standard Pack
SUS SuperSlice Tubing Cutter	10

# CopperKey®

## Copper Prep Tool

The patented ratchet handle on the CopperKey lets you work in really tight places where there isn't enough swing room to spin the handle. Just two or three inches of clearance are all you need to prep tubing inside and out.

That's not the only twist built into this revolutionary new work saver. The CopperKey is faster, easier, and far more thorough than abrasive cloth. It quickly cleans the outside of the tubing with its patented tungsten carbide coated staples that bite into the tube and strip to a shine in seconds.

The staples are offset so that the entire tubing surface will be covered without repositioning the tool. You don't get stripes where the staples missed the copper, as you do with other prep tools.

Patented abrasive technology design extends the life of the CopperKey by up to four times that of conventional tools. The memory base allows the staples to spring back after each use and keep optimum pressure on the tube during cleaning.

Scrapes and flux burns are history when you're working with the CopperKey, because your hands stay clear of the brush.



- Up to 3 times faster than a brush or abrasive cloth.
- Lasts up to 4 times longer than traditional tools.
- Ratchet action for work in tight spots.
- Patented head eliminates the risk of scrapes and flux burns.
- Tungsten carbide coating on staples for faster, more thorough prep.
- Available in 1/2" and 3/4" sizes.

Catalog Number	For use with:	Standard Pack
CK-12	1/2" (13mm) copper tubing	12
CK-34	3/4" (20mm) copper tubing	12

U.S. Patent No. 6578228  
Canadian Patent No. 2277525

## General PIPE CLEANERS



**The toughest tools down the line.™**