

General PIPE CLEANERS



General Wire Spring Co.
The toughest tools down the line.™

www.drainbrain.com



MADE IN USA

Power Drain Cleaner Comparison Chart

	Typical Applications	For Use in Following Pipe Sizes	Maximum Capacity	Operating Weight	Maximum Recommended Distance	Motor Horsepower
Super-Vee Power-Vee Handylelectric Pages 4 – 8	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	50 ft. 15 m	3.2 amp
Drain-Rooter PH Page 9				34 lbs./15 kg		
DRZ Page 10				30 lbs./13 kg		
Mini-Rooter Pro Pages 12 – 13	Small Drains, Inside Work, On Roofs	2" – 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	62 lbs. With 75 ft. x 3/8" 28 kg	75 ft. 22.5 m	1/3 hp
Mini-Rooter XP Pages 14 – 15	Small Drains, Inside Work, On Roofs	2" – 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	92 lbs. With 75 ft. x 3/8" 42 kg	75 ft. 22.5 m	1/3 hp
Sewerooter T-3 Pages 16 – 17	Small Drains, Inside Work, On Roofs (Not For Roots)	2" – 3" and most 4" 50 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
The Metro Pages 18 – 19	Combination Sewerooter T-3 and Maxi Rooter	3" to 10" 75 mm – 250 mm	50 ft. x 3/4" or 75 ft. x 5/8" or 100 ft. x 9/16" 15 m x 19 mm or 22.5 m x 15.8 mm or 30 m x 14.2 mm	153 lbs. with 75 ft. 69 kg	150 ft. 45 m	1/3 hp
Speedrooter 92 Pages 20 – 21	Combination Sewerooter T-3 and Maxi-Rooter	3" – 10" 75 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
Maxi-Rooter 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
I-95 Page 24	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 45 m x 22.4 mm	1/3 hp Optional 1/2 hp
Root 66 Page 25	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
Model 88 Pages 26 – 27	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
Rodrunner Page 28	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	3/4 hp
Rodrunner Model E Page 29	Heavy Duty, Roots, Sand, Rags, Industrial Plants	3" – 10" 75 mm – 250 mm	Not Applicable	185 lbs. Without Sections 84 kg	500 ft. – 150 m	6.5 hp Gas Engine
Jet-Set JM-2512	Grease, Sand, Soft Stoppages, and Ice	1/2" hose – 4" thru 12" 100 mm x 300 mm	400 ft. x 1/2"	1900 lbs. (862 kg)	400 ft. x 1/2" hose 120 m x 12.7 mm	24 hp Gas Engine
JM-3080		3/8" hose – 4" thru 8" 100 mm x 200 mm	300 ft. x 3/8"	375 lbs. (170 kg)	300 ft. x 3/8" hose 90 m x 9.5 mm	20 hp Gas Engine
JM-3055		3/8" hose – 4" thru 8" 100 mm x 200 mm	300 ft. x 3/8"	299 lbs. (135 kg)	90 m x 9.5 mm	16 hp Gas Engine
JM-3000		1/4" hose – 2" thru 4" 50 mm x 100 mm	300 ft. x 3/8"	291 lbs. (132 kg)	200 ft. x 1/4" hose 60 m x 6.4 mm	13 hp Gas Engine
JM-2900		1/4" hose – 2" thru 4" 50 mm x 100 mm	200 ft. x 3/8"	180 lbs. (82 kg)	60 m x 6.4 mm	13 hp Gas Engine
JM-1450		1/8" hose – 1-1/2" thru 2" 38 mm x 50 mm	150 ft. x 1/4"	111 lbs. (50 kg)	75 ft. x 1/8" hose 22.5 m x 3.2 mm	1.5 hp 13 amp
JM-1000		1/8" hose – 1-1/2" thru 2" 38 mm x 50 mm	75 ft. x 1/8"	22 lbs. (10 kg)	22.5 m x 3.2 mm	1.2 hp 13 amp

Pages 34 – 43

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" and 9/16" 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, Jet-Set water jets, Gen-Eye Micro-Scope, Gen-Ear LE water leak locators, and Cold-Shot Pipe Freezing Kits carry a one year limited warranty against defect or breakage except as noted below.

The Hot-Shot pipe thawing machines and all other Gen-Eye Pipe Inspection/Location Systems carry a two year limited warranty (except the LCD Monitor, DVDR, and SD Card Reader which are warranted for one year) against defect or breakage except as noted below. Should any part break or fail to work properly within the warranty period 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 are covered by a 90 day warranty, in accordance with the terms outlined above.

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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General Wire Spring Co.

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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.

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



To switch to a different diameter cable 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.



Handy-Stand™

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



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 30.

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!**

Power-Vee®

With Power Cable Feed – Works Great in Tight Spots

When 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.



Power-Vee Handy-Stand™





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

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

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



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 30.

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.



Handyelectric®

Economical Price – Quality Features

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

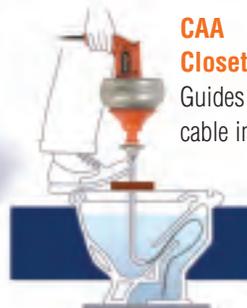
Cables are gripped securely by a patented Quick-Grip™ chuck that tightens firmly on the cable with just a quarter turn. Three chuck jaws securely hold 1/4", 5/16" and 3/8" Flexicore® cable for a wide range of small-line jobs. Includes a chuck tightening handle for easy tightening, even with slippery hands.

The variable speed control motor lets you 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.

MCC Carrying Case

For Super-Vee, Power-Vee and Handyelectric.



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



Handyelectric 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 30.

Chuck:
Patented Quick-Grip™ Chuck with tightening handle.

Grip Shield:
Makes handling easier.



Drain-Rooter PH™

The Clean Machine

The Drain-Rooter PH is a real labor-saver on long jobs, or when working in cramped areas where the weight of the machine could be burdensome. Equipped with a variable speed power cable feed and variable speed motor, the Drain-Rooter PH makes drain cleaning jobs cleaner and easier.

It 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 drum speed can be varied by changing the pressure on the foot pedal. The Drain-Rooter PH can be operated in both horizontal and vertical 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.

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. Of course, the cables are super-tough Flexicore® with a wire rope center.



Drain-Rooter™ Economy Drain Cleaner

The less expensive Drain-Rooter has the same variable speed motor as the Drain-Rooter PH, but uses a Jacobs chuck to secure the cable rather than a power cable feed. It has the same capacity and quick-change cable cartridge as its big brother.



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 30.

Motor:

All ball-bearing, double insulated, reversible motor with 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.



DRZ™

Quiet, Clean, Quick

Looking for a cleaner way to clean drains? The DRZ is the answer. Light and powerful for a machine of its size, the DRZ is ideal for clearing clogged sinks, tubs, and laundry drains in 1-1/4" to 3" drain lines up to 50 ft. long.

The variable speed power cable feed gives you complete control as it feeds and retrieves the cable at up to 16 ft per minute. The four foot guide tube means you never have to touch the cable so your hands, and the jobsite, stay clean.

Operate the machine horizontally on the kitchen counter or vertically on the floor next to the tub. The silent motor won't disturb your customers while on the job. Use the pneumatic pedal to keep your hands free to control the feed and guide hose.

The rust resistant aluminum drum carries up to 50' of 1/4" or 5/16", or 35' of 3/8" Flexicore wire rope center cable. A quick-change cartridge system allows you to switch to a different diameter cable without pulling the old cable out of the drum.

Weighing as little as 30 lbs. this light-weight machine is easy to handle. Use the carrying handle on top to carry to and from the job.

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

DRZ-PH Specifications:

Weight: 30 lbs. (13.6 kg) (without cable).

Dimensions:

20" deep (w/o Guide Hose) x 11" wide x 15" high
(51 cm x 28 cm x 38 cm).

Drum:

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

Power Cable Feed:

Variable Speed; Drives 1/4", 5/16" and 3/8" cables.



Economy Drain Cleaner

The less expensive unit uses a Quick-Grip™ chuck instead of the variable speed power cable feed, and the cable is housed in a tough impact resistant plastic drum.

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 30.

Motor:

1/5 hp, with forward-off-reverse switch, fuse protected.

Foot Pedal:

Pneumatic foot pedal leaves operator's hands free to control 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 the 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.



Simple to operate ... Anyone can use it

1
Pump up

2
Insert
in drain

3
Snap trigger



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.

Mini-Rooter Pro[®]

Now with Wheels and Folding Handle

The Mini-Rooter Pro clears drains from rooftop to basement, including kitchen, bath, and laundry drains. And it's portable too: Built-in wheels make it easier for you to transport the Pro to and from the job, and the folding handle allows for compact storage in your truck.

This inexpensive, lightweight 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 drives and retracts the cable at up to 16 feet per minute.

The drum easily carries up to 75 ft. of 3/8" cable to clear 2" to 3" lines, or 50 ft. of 1/2" cable for heavier work in 4" lines. For small drain work, you can order your Mini-Rooter Pro with a J-Drum for handling smaller, more flexible cables.

Some Mini-Rooter Pro safety features: A foot pedal that uses air pressure to start and stop the machines, with no electrical wiring between the pedal and motor, a ground fault circuit interrupter, and a high impact plastic guard covering the motor pulley.

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



Power Cable Feed

A variable speed Power Cable Feed (optional) drives and retracts the cable at up to 16 feet per minute. Quickly adjusts between 3/8" and 1/2" cables without the need for tools or additional parts. Swings out of the way to make drum changing as easy as ever. For smoother performance, switch to the XP drum with inner drum cage.

Catalog Number PO-MR



Folding Handle

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



Specifications:

Weight:

43 lbs. (19.5 kg) without cable.

Dimensions:

20" D x 16" W x 38" H.
(20" H with handle folded)
(51 cm x 41 cm x 46 - 51 cm).

Drum:

Capacity of 75 ft. of 3/8" or 50 ft. of 1/2" Flexicore wire rope center cable. Integral distributor tube. Quickly removable from frame.

J-Drum:

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

Cutter Set:

 See page 30.

Motor:

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

J-Drum

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

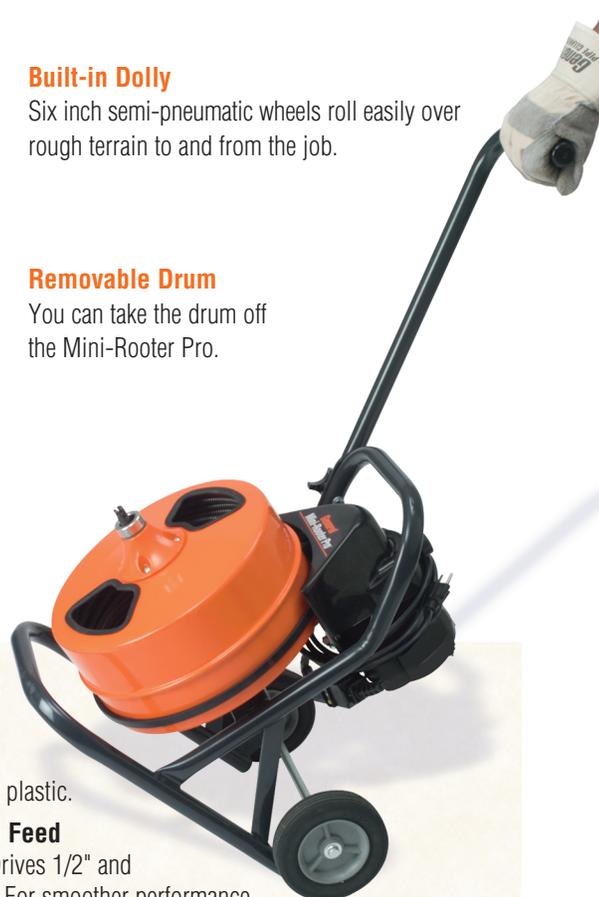
Catalog Number MR-250

Built-in Dolly

Six inch semi-pneumatic wheels roll easily over rough terrain to and from the job.

Removable Drum

You can take the drum off the Mini-Rooter Pro.



Load Speed:

165 rpm.

Belt Guard:

High impact plastic.

Power Cable Feed

(Optional) Drives 1/2" and 3/8" cables. For smoother performance, switch to the XP drum with inner drum cage.

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-Router XP[®]

Extra Portability and Performance

The Mini-Router 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 50 ft. of 1/2" cable and features a free floating inner drum with an integral distributor tube to help prevent cable tangling.

The Mini-Router XP cable with a Power Cable Feed makes a lot of tough jobs go much easier. Even with the power cable feed, 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.



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



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.



J-Drum

With a J-Drum, you're ready for small drain work in seconds. Equipped with a patented Quick-Grip™ chuck that tightens firmly on the cable with just a quarter turn. Will hold any Super-Vee cable.

Catalog Number MR-250

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 cage and distributor tube to prevent cable tangling under load. Quickly removable from frame.

J-Drum:

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

Wheels:

8" semi-pneumatic tires with oilite bronze bushings.

Folding Handle:

Reduces storage space.

Cutter Set:

See page 30.

Motor:

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

Power Cable Feed:

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.



Sewerooter T3™

For Inside Jobs; with a 100 Foot Capacity

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.



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



Power Cable Feed

The Sewerooter T-3's power cable feed 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.

Folding Handle



Specifications:

Weight:

61 lbs. (28 kg) less cable.

Overall Height:

37" (94 cm); 25" (54 cm) 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.

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.



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.

Foot Switch:

Pneumatic, with no electrical contact between pedal and motor.

Power 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.



The Metro[®]

Root Cutting Power at a Great Price



The Metro is a tough root cutting machine in a compact, light-weight 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 has many of the features of the bigger capacity root cutting machines, including a variable speed Power Cable Feed that drives and retracts 9/16", 5/8", and 3/4" cable at up to 20 ft. per minute. The heavy-duty powder coated steel drum holds 100 ft. of 9/16" 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'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 heavy-duty 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.



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



Power Cable Feed

The Metro'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 9/16", 5/8", and 3/4" cables.

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.



Handle and Stair Climber

Ten-inch heavy-duty 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.

Specifications:

Weight:

92 lbs. (42 kg) without cable.

Dimensions:

27" (68.5 cm) deep x 18-1/2" (47 cm) wide x

46" (117 cm) high

26" (66 cm) high 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 9/16" (30 m x 14.2 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 heavy-duty with ball 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;
9/16" diameter for 3" to 4" lines. (Not for roots.)



Speedrooter 92[®]

Job Tested Tough

Contractors know that the Speedrooter really can take a beating – from its frame braced at key stress points, to General's exclusive Flexicore[®] wire rope center cable that's so tough it carries a one-year warranty.

The Speedrooter 92's field tested design offers easy handling. One person can easily load it onto a truck, as the machine slides smoothly from the loading wheel to the handle to the stair climbers and finally to the wheels. The adjustable height handle can be reset to be three inches longer, or more compact, depending upon your preference.

With the driving and pulling power for long, tough jobs, General's Power Cable Feed easily handles 3/4", 5/8", and 9/16" cables. To adjust to different cable sizes, simply turn the knob on top of the feed.

A large drum holds 100 feet of 3/4" or 5/8" Flexicore[®] cable. For smaller lines, you can switch to a small drum that holds 100 feet of 9/16" cable. Both drums have a see-through inner cage, so you can quickly see how much cable is left in the drum.

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



Portability, Convenience, and Safety

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



Stair Climbers

V-Belt and stair climbers let you take the Speedroooter up a flight of stairs yourself.



Truck Loading Wheel

One person can easily load the machine onto the truck.



Small Drum

Holds up to 100 ft. of 9/16" 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 PS92-A.

Large Drum:

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

Small Drum:

Equipped with inner drum; holds 100 ft. of 9/16" cable.

Drum Removal:

Loosen two knobs, remove ringbolt and lift off.

Motor:

1/2 hp with capacitor start, overload protection, and forward-off-reverse switch. 20 ft. power cord and Ground Fault Circuit Interrupter. 3/4 hp motor optional.

Load Speed:

170 rpm.

Wheels:

10" semi-pneumatic heavy-duty with ball 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 30.

Cables:

3/4" diameter for 4" to 10" lines and 3" lines without sharp bends; 5/8" diameter for 3" to 6" lines; 9/16" 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.



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.



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.



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.

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. (62 kg) 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 heavy-duty tires with ball 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 30.

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 32.

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.



I-95 and Root 66 Accessories



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.

Drum:

Drum holds 25 ft. x 5/16" cable for 1-1/2" to 2" lines, or 35 ft. x 3/8" cable for 2" to 3" lines.

Leather Gloves:

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

Cables:

See page 32.

Cutter Sets:

See page 30.



Root 66[®]

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

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

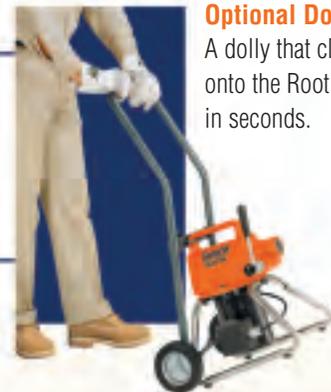


for small drain work, the drum stops turning when you lift the handle to the neutral position.

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.



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



Optional Dolly

A dolly that clamps onto the Root 66 in seconds.

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.

Drum:

Drum holds 25 ft. x 5/16" cable for 1-1/2" to 2" lines, or 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.

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.

Cables:

See page 32.

Cutter Set:

See page 30.



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.

Both types of couplings 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 optional adapter, and you can use 6 ft. x 7/8" cables (6L78) to clear smaller lines.



Sectional Cables



Flexichain®
with "G" Connector



Proflex®
with "L" Connector

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 32.



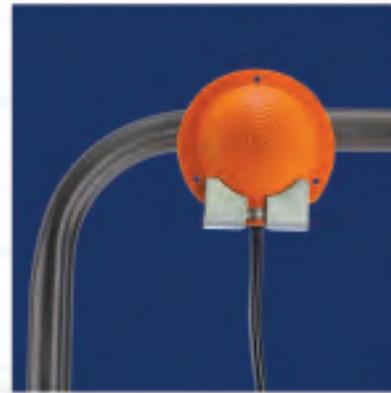
Automatic Safety Clutch

Protects cable and operator in case the cable should get caught in the line. Factory set at 18 – 20 ft. lbs. but can be adjusted easily for very heavy jobs or longer runs.



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.



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.

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.



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.
Eleven foot air hose.

Power Switch:

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

Adjustable Safety Clutch:

Factory set at 18 - 20 ft. lbs. 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 30 – 32 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 18 – 20 ft. lbs.

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. 11 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.

Cable Sections and Cutters:

See page 30 – 32.



Rodrunner Model E[®]

Drives Municipal Rods or Sectional Cables

The Rodrunner Model E is gasoline powered and 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 the machine and walks cables or rods into line.

It's driven by a powerful 205 cc (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.



E-MRDC

No-wrench municipal rod coupler.



EG-CDC

No-wrench sectional cable coupler.

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:

205 cc (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 30 – 32.

Municipal Rods and Cutters: See page 58.

Cutters



AH

Arrow Head Starting Drill
For 5/16", 3/8", 1/2" and 9/16" cable.

FAH

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

1-1/4" SCB

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

DHGB

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.

1/4" and 5/16" Double Down Head

For especially difficult bends.
For 1/4" and 5/16" cable.

DHF – Down Head Fitting

Can be used with all standard Handylectric cutters.
For 5/16" and 3/8" cable.

1CG

and 1-1/2CG Clog Chopper
Clears debris, scale, and crystallized urine.
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", 1/2" and 9/16" cable.

RTR-1

Small Corkscrew Retrieving Tool
For removing loose objects.
For 3/8", 1/2" and 9/16" cable.

1-1/2 UC

1-1/2" U-Cutter
For cutting and scraping.
For 3/8", 1/2" and 9/16" cable.

2UC

2" U-Cutter
For cutting and scraping
For 1/2", 9/16", 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", 9/16", 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" and 9/16" cable.

2CG

and 2-1/2CG Clog Chopper
Clears debris, scale, and crystallized urine.
For 1/2", 9/16", 5/8" and 3/4" cables.

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.
For 5/8" and 3/4" cables.

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.

4-6 SAC

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

3CG

and 4CG Clog Choppers
Maneuverable cutters clears roots, debris, and scale. Available with connector to match General or other brands.

HDB

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

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.

DUC and DHSC

Spider Cutters™
Cuts coming and going.
Available in 3" and 4" sizes.



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



R-AH
Arrow Head Starting Tool



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" Sectional Cables



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



R-SHD-10
Spear Head



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 Accessories



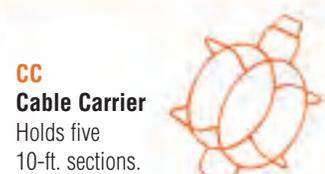
G-SC
Spade Cutter
Wide blade with sharp edge.



G-CA
Cutter Adapter
Converts all cutters on page 30-31 for use with "G" connectors.



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



CC
Cable Carrier
Holds five 10-ft. sections.



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



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



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

ClogChopper®

Revolutionizes Drain Cleaning



Rip through tough stoppages with the unique ClogChopper multi-function cutting tools. Six self-sharpening blades dig into encrusted debris and root masses, easily grinding up stoppages, scale, and crystallized urine, without risking pipe damage.

The spherical design maneuvers around tight bends and traps, thoroughly and safely cleaning metal, plastic, and clay pipes. As it spins it also self-sharpens as it scrapes along the pipe walls. It's excellent for clearing stacks, downspouts, mains, as well as for drain lining jobs.

General offers a variety of sizes, and connector options, including for our drum type cables and sectional G connectors, as well as for Ridgid® and Electric Eel® connectors.

General's ClogChoppers are:

- **Maneuverable.** The perfectly balanced ClogChopper automatically negotiates multiple, tricky bends – maintaining a central line position and minimizing pipe wall, elbow, connection and joint damage.
- **Efficient.** With “all surface” cutting edges, ClogChopper clears clogs and scrapes encrusted debris from inner walls – into and out, all in one operation. The six inverted cutting edges run smoothly, without rattling or jumping.
- **Economical.** Durable enough to handle years of demanding use in residential and commercial applications, ClogChopper actually self-sharpens while working.
- **Versatile.** General offers ClogChopper connectors for most popular brands of drain cleaning machines.

ClogChopper Models

Catalog Number	Cutter Size	For Pipe Size	For Cable Size
1CG	1"	1-1/4" – 2"	5/16" and 3/8" cables
1-1/2CG	1-1/2"	1-1/2" – 3"	3/8", 1/2" and 9/16" cables
2CG	2"	2" – 4'	1/2", 9/16", 5/8" and 3/4" cables
2-1/2CG	2-1/2"	3" – 4'	5/8" and 3/4" cables
3CG	3"	4" – 6'	5/8" and 3/4" cables
4CG	4"	6" – 10'	5/8" and 3/4" cables

* Use prefix “G” for G connectors, “L” for L connectors, and “R” for R connectors



Cat # 4CG
4" ClogChopper



Cat # 2CG
2" ClogChopper

Accessories

Snake Oil™

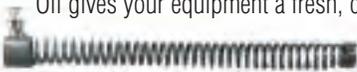
Protects your cables better than common lubricants. Its special rust inhibitor cuts through moisture and replaces it with a rust-resistant coating. In addition, Snake-Oil gives your equipment a fresh, clean smell.



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

GT Cable Guide Tube

Adds safety when you can't get machine close to drain opening. 30" long x 1-1/4" diameter spring.



GTE Guide Tube Extension

Five foot extension attaches to the Cable Guide Tube. Made of 40" conduit with 24" spring end.



MGT Manhole Guide Tube

Supports drain cables in man-holes. Adjusts from 6'2" to 9'4". 4'4" extensions available.



SIG

Splash/Impact Goggles

Can be worn over glasses.

QF "Quick Fix" Repair Coupler



Just screw on tightly and it won't come off. For 1/2", 9/16", 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

Sectional Cables

Sections for Model 88 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. 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

JM-1000 Electric Water Jet

Mini Jet – Mini Price

The lightweight, compact JM-1000 Mini-Jet gives you 1500 psi of cleaning power, yet weighs just 22 lbs. Clear grease, sand, and ice from 1-1/2" to 3" lines. The pump and motor assembly are safely contained in a rugged metal diamond plate case that can handle abuse in the field.

Water jets 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 cleaning action.

Pulse helps the hose slide around tight bends and farther down the line. This is what separates General's Jet-Set from ordinary pressure washers. It breaks the initial tension between the surface of the hose and the walls of the pipe, increasing cleaning power.

The JM-1000 Mini-Jet generates 1500 psi at 1.4 gpm, yet pulls only 13 amps. The pump and motor are enclosed in a metal housing and protected by a 3-wire Ground Fault Circuit Interrupter.

A Water Sensor "senses" the moving water and automatically shuts off the motor if water isn't flowing through the pump to protect the unit from damage.

Pound for pound and dollar for dollar, the Mini-Jet is a great (and small) investment.



The lightweight, compact Mini-Jet weighs just 22 lbs. so it's small enough to store conveniently in your truck.



Specifications:

Pump:

Triplex with pulse

Motor:

1.2 hp 13 amp w/3-wire GFCI

Dimensions:

24" L x 10.5 W x 11" H
(61 cm x 27 cm x 28 cm)

Pressure:

1500 psi

Hose Capacity:

Up to 75 ft. x 1/8"

Flow:

1.4 gpm

Weight:

22 lbs. (10 kg) without hose

JM-1450 Electric Water Jet

Compact! Portable! Powerful!

The powerful JM-1450 electric water jet gives you as much pressure as you can get from an electric jet. It generates 1500 psi at 1.7 gallons per minute, yet only pulls 13 amps. It's powered by a 1-1/2 hp dual capacitor enclosed motor with an in-line ground fault circuit interrupter.

The JM-1450 features Vibra-pulse® on demand to help the hose slide around tight bends in small lines. This unique feature allows the flow rate to remain the same whether Vibra-pulse is on or off.

The JM-1450 is compact and portable. With an overall height of 34", the machine fits easily in the limited storage space of a contractor's truck. Need to be more compact? Simply remove the easily detachable hose reel and the height drops to just 14". The telescoping handle makes it easier to roll the machine to and from the job site.

A removable 150 ft. capacity hose reel with reel brake and swivel is mounted on a heavy duty frame with two 8" semi-pneumatic tires. Complete with tool box. Standard safety features include a thermal relief valve to protect the pump from heat damage, along with a back flow check valve and inlet filter. An optional spray wand is available.

relief valve to protect the pump from heat damage, along with a back flow check valve and inlet filter. An optional spray wand is available.

Slide-out Handle

Convenient handle and eight inch wheels make it easy to roll the machine to and from the job.

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, helping the hose slide around tight bends and propel itself farther down the line. Vibra-pulse® increases the cleaning power of electric jets, and is particularly useful in jetting around bends in small drain lines.



Specifications:

Pump: Triplex w/Vibra-pulse®	Reel Capacity: 150 ft. x 1/4" hose
Pressure: 1500 psi	Weight: 111 lbs. (50 kg)
Flow: 1.7 gpm	Dimensions: 28" L x 15" W x 34" H (14" H w/o Reel)
Motor: 1-1/2 hp 13 amp w/GFCI	(71 cm x 38 cm x 86 cm)



Hose reel

It detaches in seconds, to make the jet more compact and portable.



JM-2900 Gas Water Jet

Big Machine Power at a Bargain Price

The JM-2900 is an economical alternative to larger gas jets. It's lighter and more maneuverable, yet maintains the same pressure and flow rate of its big brothers. It's driven by a 389 cc Honda engine connected directly to a 3000 psi, 4 gallon per minute triplex pump with Vibra-pulse® on demand. The 200 ft. capacity hose reel with drag brake, reel lock, and swivel is mounted on a very maneuverable heavy duty frame with two, ten inch "Flat-Free" foam core tires. A passive brake keeps the machine solidly positioned on the job. Standard safety features include a thermal relief valve to protect the pump from heat damage, along with a back flow check valve and inlet filter. Complete with tool box. An optional spray wand is available.



Specifications:

Pump:

Triplex w/Vibra-pulse®

Pressure:

3000 psi

Flow:

4 gpm

Engine:

389 cc w/Low oil shut off

Hose Reel:

Swivel, drag brake, and reel lock,
200 ft. x 3/8" hose capacity

Weight:

180 lbs. (82 kg)

Dimensions:

28" L x 28" W x 43" H
(71 cm x 71 cm x 109 cm)

JM-3000 Gas Water Jet

Solid Performance in the Toughest Conditions

Built to take heavy use and abuse, the powerful JM-3000 is great for clearing large lines and long runs. A heavy duty 3000 psi, 4 gpm triplex pump with Vibra-pulse® on demand is driven by a reliable 389 cc Honda engine with electric start through a 2 to 1 gear reducer to extend the life of the pump.

The JM-3000 is well balanced for easy handling. With little effort, you can tip the machine back on its rear wheels to more easily maneuver it into position.

A removable 300 ft. capacity hose reel with drag brake, reel lock, and swivel is mounted on the heavy duty frame with four, 13 inch "Flat-Free" foam core tires. A wheel brake keeps the machine solidly positioned on the job.

Standard safety features include a thermal relief valve to protect the pump from heat damage, along with a back flow check valve and inlet filter. Complete with tool box, chemical injector, and spray wand with trigger.



Specifications:

Pump:

Triplex w/Vibra-pulse®

Pressure:

3000 psi

Flow:

4 gpm

Engine:

389 cc w/Low oil shut off, electric start, and gear reducer

Hose Reel:

Removable, swivel, drag brake, and reel lock,
300 ft. x 3/8" hose capacity

Weight:

291 lbs. (132 kg)

Dimensions:

43" L x 29" W x 49" H
(109 cm x 74 cm x 124 cm)

JM-3055 Gas Water Jet

The Most Flow You Can Get Without a Holding Tank

The JM-3055 has the power to clear your most stubborn stoppages, including grease, sand and ice. Its 3000 psi, 5.5 gpm triplex pump has the thrust to pull the hose down long runs, the pressure to cut through tough stoppages, and the flow to flush them away. In fact, the JM-3055 has the highest flow rate available without requiring a holding tank. It's driven by a 480 cc Briggs and Stratton Vanguard engine with electric start. The pump features Vibra-pulse® on demand to help the hose slide around tight bends and down long runs.

The JM-3055 is well balanced so that with little effort, the machine can be tipped back on its rear wheels to more easily maneuver it into position. A removable 300 ft. capacity hose reel with drag brake, reel lock, and swivel is mounted on a heavy duty frame with four, 13 inch "Flat-Free" foam core tires. A wheel brake keeps the machine solidly positioned on the job. Standard safety features include a



thermal relief valve to protect the pump from heat damage, along with a back flow check valve and inlet filter. Complete with tool box, and spray wand with trigger.



Specifications:

Pump:

Triplex w/Vibra-pulse®

Pressure:

3000 psi

Flow:

5.5 gpm

Engine:

480 cc w/Low oil shut off, electric start, and gear reducer

Hose Reel:

Removable, swivel, drag brake, and reel lock, 300 ft. x 3/8" hose capacity

Weight:

299 lbs. (135 kg)

Dimensions:

43" L x 29" W x 49" H (109 cm x 73 cm x 124 cm)

JM-3080 Gas Water Jet

Get High Water Flow Without a Trailer

The JM-3080 gives you the increased cleaning power of 8 gpm 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 614 cc Honda engine with electric start drives a 3000 psi pump through a 2 to 1 gear reducer. The pump features Vibra-pulse® on demand, to help propel the hose on long runs and around tight bends.

Surprisingly agile for a machine of its size, the JM-3080 is precisely balanced so that with little effort, the machine can be tipped back on its rear wheels to more easily maneuver it into position.

A removable 300 ft. capacity hose reel with drag brake, reel lock, and swivel is mounted on a heavy duty frame with four, 13 inch "Flat-Free" foam core tires. A wheel brake keeps the machine solidly positioned on the job. Standard safety



features include a thermal relief valve to protect the pump from heat damage, along with a back flow check valve and inlet filter. Complete with tool box, and spray wand with trigger.

Specifications:

Pump:

Triplex w/Vibra-pulse®

Pressure:

3000 psi

Flow:

8 gpm

Engine:

614 cc w/Low oil shut off, electric start, and gear reducer

Hose Reel:

Removable, swivel, drag brake, and reel lock, 300 ft. x 3/8" hose capacity

Weight:

375 lbs. (170 kg)

Dimensions:

43" L x 29" W x 56" H (109 cm x 74 cm x 142 cm)



JM-2512 Typhoon™ Water Jet

Big Cleaning Power in a Tough New Package

The JM-2512 Typhoon™ trailer jet is ideal for clearing big lines or remote jobs far from a water source. Twelve gallons of water pulsates 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 690 cc Honda engine with electric start powers the 2500 psi, 12 gpm pump with Vibra-pulse® through a V-belt reducer. Two hose reels – an electric rewind jet hose reel with 400 ft. x 1/2" capacity featuring a variable speed controller, 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.

The Typhoon is mounted on a heavy duty trailer rated for 3500 lbs. per axle with bearing buddies, and rides on 15" radial tires with modular wheels. A splash guard at the front protects the pump and engine 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 safety cones with holder, rear fold down stabilizer jacks, and retractable guide arm. An anti-freeze system protects the unit from freeze damage. Complete with spray wand and trigger.

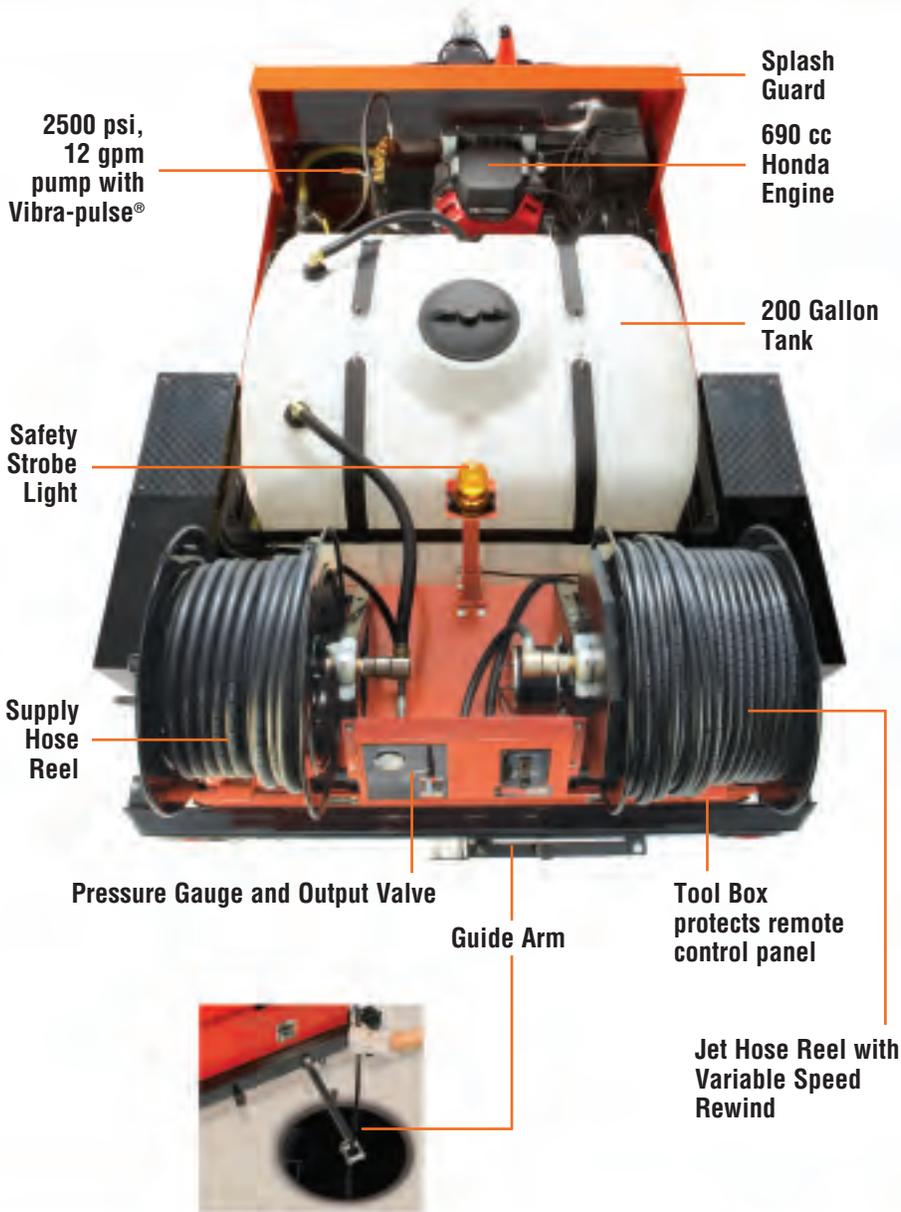


Remote control panel protected inside locked toolbox.



Easily accessible Variable Speed rewind control, along with pressure gauge and output valve mounted between hose reels.





Specifications:

Pump:
Triplex w/Vibra-pulse®

Pressure:
2500 psi

Flow:
12 gpm

Engine:
690 cc Honda w/Low oil shut off, electric start, and V-belt reducer

Tank Capacity:
200 Gallons

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

Supply Hose Reel:
Manual, swivel, drag brake, and reel lock, 150 ft. x 3/4" capacity

Safety Features:
Electric brakes, safety strobe light, three safety cones with holder, rear fold down stabilizer jacks, and retractable guide arm

Weight:
1900 lbs. Empty; 3300 lbs. Loaded

Trailer Dimensions:
153" L x 82" W x 65" H
(388 cm x 208 cm x 165 cm)

Skid Mount Dimensions:
106" L x 64" W x 46.5" H
(269 cm x 162 cm x 118 cm)

High Performance Nozzles

The Typhoon's High Performance Nozzles incorporate patented fluid mechanics that significantly increase thrust, pulling power, and cleaning power without needing to increase water flow or pressure.



Jet-Set[®] Accessories

CM-300 Cart-Reel™

The optional Cart-Reel is a must for professionals. It lets you use the power of the gas jet in buildings and confined spaces where exhaust fumes could be hazardous, while the gas jet stays safely outside. The Cart-Reel comes with two, 10 inch "Flat-Free" foam core tires, 300 ft. capacity hose reel, reel brake, gauge, and a shut-off valve.



HM-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 jet inside a building. Or it can be taken up on a roof to clear vents while your jet sits securely on the ground. Comes with Foot Pedal for added safety.

FM-1 Foot Pedal

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.



Spray Wands

Get a spray wand and use your jet for high pressure washing and cleaning applications.

Spray wands are made from durable components. The triggers have a light touch, yet can withstand rough usage. The wands are insulated and designed for use with a down stream soap injector. A variety of stainless steel nozzles are available.



Jet-Set[®] Nozzles and Hoses

Nozzles

Whether you're up against grease, sand, or ice, there's a General nozzle that will cut through it. Some are designed for maximum penetrating power, some are designed to pressure wash the pipe walls, and some are designed to go around sharp bends. All of General's nozzles are made of hardened stainless steel to last longer.



Powerful penetrating nozzle cuts through grease and ice.



Wide spray flushing nozzle cleans inside of pipe thoroughly.



Spring Leader nozzle helps guide 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 nozzles have two 90 degree jets to scour the walls of the pipe, and two 35 degree jets to drive the hose down the line. The less expensive JN-RA hardened steel rotary nozzles have two 45 degree jets for combined thrust and cleaning action.

High Performance Nozzles

General's High Performance Nozzles incorporate patented fluid mechanics that significantly increase thrust, pulling power, and cleaning power without needing to increase water flow or pressure. These nozzles are custom machined to redirect the water through highly efficient inner surface channels directed toward each orifice. The nozzles have replaceable threaded inserts at each orifice, so when the nozzle wears, you only have to replace the inserts, not the whole nozzle.



Chain Saw Nozzle™

Rip through roots with the Chain Saw Nozzle. Lengths of chain can quickly and easily be switched for different diameter pipes. Spins at up to 10,000 RPM.

- 1/2" nozzle works well in combination with the 12 gpm Typhoon trailer jet to clear 4", 6", 8", and 10" lines.
- 3/8" nozzle is available in 4, 5.5, and 8 gpm models to clear 4", 6", and 8" lines.



Hoses

Tough high pressure jetting hose comes in a variety of lengths and diameters. Use the 1/2" ID hose for main lines and long runs 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 POD®

Just Grab It and Go

The lightweight, Gen-Eye POD and MINI-POD combine camera, reel, and monitor in an all-in-one package.

You get a large 7" LCD color monitor protected by a padded case. It's mounted on a rugged yet flexible gooseneck that swivels to give you the best viewing angle, wherever you're working.

The full size Gen-Eye POD features a self-leveling camera and 200 ft. of Gel-Rod® for trouble-shooting 3" to 10" drain lines. The big capacity MINI-POD carries 125 ft. or 175 ft. of push-rod and color mini-camera for inspecting 2" to 4" drain lines. The tough steel frame can be operated vertically or horizontally, so you can handle nearly any application.

There's lots more, like the LED Dimmer Control, both AC and DC power cords, 2" and 3" Trap Skids, and a 512 Hz transmitter. A video out connection lets you record on an external device.



Can be operated vertically or horizontally

Gen-Eye MINI-POD Units:

- C-GP-A**
MINI-POD with 125 ft. Push-Rod and Sonde.
- C-GP-B-2**
Same as C-GP-A, plus Hot-Spot Locator with Padded Bag.
- C-GP-C**
MINI-POD with 175 ft. Push-Rod and Sonde.
- C-GP-D-2**
Same as C-GP-C, plus Hot-Spot Locator with Padded Bag.

Gen-Eye POD Units:

- SL-GP-E**
POD with Self-Leveling Color Camera, 200 ft. Gel-Rod, and Sonde.
- SL-GP-F-2**
Same as SL-GP-E, plus Hot-Spot Locator with Padded Bag.
- C-GP-E**
POD with Color Camera, 200 ft. Gel-Rod, and Sonde.
- C-GP-F-2**
Same as C-GP-E, plus Hot-Spot Locator with Padded Bag.

Gen-Eye Prism®

Video Pipe Inspection System



Why pay extra for a monitor and recording device when you already own one?

The new Gen-Eye Prism video inspection system lets you use your own tablet or Smartphone to view your inspection and record it. The Wi-Fi transmitter inside the Prism sends video to your Smartphone or tablet. A free App lets you easily view and record video inspections at a range of up to 500 feet.

The compact, rugged Prism Command Module weighs just 3 lbs. and can be mounted securely on any Gen-Eye GL or POD reel. An expandable holder on top of the unit safely supports your standard size tablet and is adjustable for easy viewing. Optional holders for mini-tablets and Smartphones are available.

Gen-Eye Prism (For 3" to 10" Lines)

GPR-500 Gen-Eye Prism Command Module, complete with Wi-Fi, Tablet Holder, Keyboard, and Docking Clamp.

SL-GPR-A Gen-Eye Prism Command Module with 200 ft. Gel-Rod®, Self-Leveling Color Camera, Open Reel, and 2", 3" & 6" Trap Skids

SL-GPR-B Same as SL-GPR-A, plus Hot Spot Digital Locator with Padded Bag

Gen-Eye Prism Mini Camera (For 2" to 4" Lines)

C-M-GPR-A Gen-Eye Prism Command Module with 100 ft. Mini Gel-Rod®, Mini Color Camera, Open Mini-Reel, and 3" Trap Skid

C-M-GPR-B Same as C-M-GPR-A, plus Hot Spot Digital Locator with Padded Bag

Other models available.

The Prism offers all the features of full-size video inspection systems in a compact, fan-cooled package. It includes an on-screen distance counter to track how much push rod is in the line, a nine page titler with full keyboard to add your company name and job locations to your videos, a date and time stamp for your records, and an LED Dimmer control. Also included: a power port for your tablet or Smartphone, so you can keep it charged as you do your inspection.

Complete systems include a self-leveling color camera that automatically keeps the picture right side up, 2", 3", and 6" trap skids, and a 512 Hz transmitter for easy camera tracking with General's Hot Spot® pipe locator.

Tablet not included

Gen-Eye SD® Series

SDN – SDW – SDP – Video Pipe Inspection System



The **Gen-Eye SDN®**, a beefed up version of the popular Gen-Eye SD, incorporates a number of enhancements to make inspection easier.

Weighing just 12 lbs., the versatile, rugged

Gen-Eye SDN offers all the features of full-size video inspection systems in a compact, lightweight package.

- **Large 10.4" Screen** The larger 10.4" LCD monitor gives you crisp, clear images to make it easier to see the picture while doing inspections.
- **Waterproof Keyboard** The full-size, waterproof keyboard permits on-screen titling in wet environments. You get up to nine pages of text to add your company name and job location to each video you make.
- **Integral SD Recorder** Record video or still images. Stores as much as 32 GB of data on one card.
- **Heavy-Duty Pelican Case** Protects LCD screen, electronics, and your investment.



The new **Gen-Eye SDW®** video inspection & location system has all the features of the Gen-Eye SDN, plus Wi-Fi inside.

- **The Wi-Fi transmitter** inside the Command Module sends video to your Smartphone or tablet. A free App lets you easily view and record video inspections at a range of up to 500 feet.



The new **Gen-Eye SDP®** Premium video inspection & location system includes all the features of the Gen-Eye SDN, plus a sunlight readable screen, a 4 hour rechargeable battery, and a Wi-Fi transmitter.

- **Sunlight Readable Screen** Larger 10.4" LCD transfective screen makes it easier to see the monitor while doing inspections outdoors in bright sunlight.
- **Rechargeable Battery** For remote applications far from a power source. Battery lasts for up to 4 hours. Panel indicator lets you know when the battery is running low.
- **Wi-Fi Transmitter** Sends video to your Smartphone or tablet. A free App lets you easily view and record video inspections at a range of up to 500 feet.



All **THREE** Units Offer

- **Self-Leveling Camera** Automatically keeps picture right side up as the camera glides through the line. Just 1.375" in diameter. 16 Bright-White LED's illuminate lines up to 10" in diameter.
- **Built-in AC/DC converter** Allows you to operate in the field with truck power alone.
- **Built-in voice over recording** 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. Switchable between standard and mini reels.
- **Date and Time Stamp** You can document the date and time of each job for your records.
- **And More** Internal 512 Hz transmitter, dimmer control, camera test port, video and audio out connections for external recording devices, 2", 3" and 6" trap skirts, and storage compartment for power cords, tools, and remote controls. The fully adjustable docking arm lets you mount the monitor on a big capacity reel. With the easily maneuverable, all-in-one Gen-Eye package you're all set to trouble-shoot 3" to 10" lines with the standard reel, or inspect 2" to 4" lines with the mini-reel.

Gen-Eye Micro-Scope®

Video Inspection System

The Gen-Eye Micro-Scope handheld inspection tool has a bright, easy-to-see 3.5" LCD screen for crisp clear pictures. You can record photos or videos on the built-in SD card reader with one-touch record button for playback on the internal screen, TV, or laptop computer through a USB port.

The Micro-Scope reel carries up to 100 ft. of micro push rod with a color camera, giving you the ability to inspect 1-1/2" to 3" drain lines, and many toilet traps.

A 3 ft. probe rod with color camera lets you inspect in hard to reach places. Three adapters are included to improve your viewing angle or to retrieve objects. Probe extensions are available.

The Micro-Scope Command Module™ is loaded with lots of great stuff, including a digital zoom, rotatable picture, voice over recording capability, and LED brightness control. On-screen status indicators include date and time, SD card capacity, and battery strength. The rechargeable battery drives the unit for up to four hours.



Gen-Eye Micro-Scope Units:

GM-A

Micro-Scope Handheld Command Module, with 3 ft. Probe Rod and Color Camera, 3 Probe Attachments, 8 GB SD Card, AC Charger, DC Car Charger, USB Cable, TV Connector, and Carrying Case.

GM-C

Micro-Scope Command Module with Open Reel, 33 ft. Push Rod, 3 ft. Probe Rod and Color Camera.

GM-G

Micro-Scope Command Module with Open Reel, 100 ft. Push Rod, 3 ft. Probe Rod and Color Camera.



Open reel with adjustable monitor mount to give you the best viewing angle.

Gen-Eye Hot-Spot[®]

Digital Pipe Locator

The new Gen-Eye Hot Spot pipe locator makes locating easier than ever. Its total field antenna array and on-screen icons lead you right to your target, without the long learning curve.

Whether you're an experienced pro or a first time user, you can quickly locate inspection cameras, sondes, active power lines and utility lines with pinpoint accuracy. No need to interpret numbers and bar graphs.

The easy-to-see auto backlit LCD display shows you the way with arrows that point you in the right direction every time. Utility line location and active buried power line locating is just as easy.

The Hot Spot is the industry's most rugged locator. Rated at IP65, it is dust and dirt proof, and water resistant. It passed the one meter drop test and the screen passed the 18" steel ball drop test.



A

On-Screen Arrows

No need to interpret numbers and bar graphs. The arrows point you in the right direction.



B

Line Direction Compass

Arrows around the outside of the circle tell you which way to rotate the locator until you are in line with the lay of the pipe.



C

Null Point Icon

All four arrows point back toward each other to indicate the null point and the pipe location.



D

Camera Icon

When you're directly over the camera, the diamond appears at the center of the circle. Depth will automatically appear on the screen as well.

- **Easy to read display Icons** lead you to your target. Auto backlight lets you locate in dimly lit areas.
- **Total field antenna array** Allows you to locate from any direction.
- **Line direction compass** Tells you the lay of the pipe. Industry's most rugged locator – Its IP65 rating is the industry's highest for performing in dusty, dirty or wet jobsite conditions. Passed 1-meter drop test; screen passed 18" steel ball drop test.
- **Superior Battery Life** Lasts approximately 30 hours – more than twice as long as others. Automatic shutdown feature saves power.
- **Expanded Frequencies** Locates two sonde frequencies, two power frequencies and four line frequencies (with external transmitter).
- **Upgradeable Software** Use the USB port to upgrade software in the field or for a screen capture.
- **Simple, menu-based user interface** No need for multiple screens. Easy-to-access menus make it easier to use than other locators.

Gen-Eye Locator Specifications:

Camera/Sonde Frequencies:

512 Hz and 33KHz

Line/Utility Frequencies:

1KHz, 8KHz, 33KHz, 65KHz

Active Power Line Frequencies:

60/50Hz and 180/150Hz

Depth Range:

10 ft. in cast iron pipe/20 ft. in clay or plastic

Antenna Configurations:

Total Field, Single Peak, Twin Peak, Null and Left/Right (Line Location Only)

Screen: LCD Digital Signal Read-Out, Graphic Display, Directional Arrows, Null Icon, Camera Icon, Utility Icon, Audible Tone, Auto Digital Depth, Battery Status, Auto Backlight

External Ports: Mini USB

Weight: 4.8 lbs./2.18 Kg

Batteries: 2 D-cell alkaline (Approximately 30 hours of life)

Operating Temperature Range: -4° F to 122° F (-20° C to 50° C)

Hot-Spot[®] Transmitter

5 Watts – 4 Frequencies

Locating buried utilities used to be tough. Not anymore! With the powerful 5-watt Hot Spot transmitter, location is easier than ever. More power means more signal to locate. Choose one of 4 frequencies – 1KHz, 8KHz, 33KHz or 65KHz. You can select the frequency and power that best suits your application.

Locate via direct connection using the cords and ground stake. Simply attach the transmitter leads to both ends of the pipe, or if the other end of the pipe is not accessible, use the ground stake to complete the circuit. Or place the transmitter over the pipe and use induction mode, or place the optional clamp around the pipe to energize the line.

The transmitter's LCD graphic display with auto backlight lets you quickly check connectivity and line resistance to make sure you're transmitting efficiently for a stronger signal for easier tracking and locating. The display also indicates power output, frequency, and battery level.

Specifications:

Line/Utility Frequencies:

1KHz, 8KHz, 33KHz, 65KHz

Weight:

8 lbs./3.5 Kg

Output:

5 Watts with 5 output settings

Batteries:

10 D-cell alkaline (Approximately 100+ hours of life)

Antenna Configurations:

Total Field, Single Peak, Twin Peak, Null and Left/Right (Line Location Only)

Dimensions:

10" H x 12" L x 8" W
(25.4 cm x 30.5 cm x 19 cm)

Operating Temperature Range:

-4° F to 122° F (-20° C to 50° C)

Also available in a 1-Watt single frequency (65KHz) model



Gen-Eye[®] Sondes

Gen-Eye Sondes are a great tool for pipe location in cast iron, clay, or plastic lines. Sondes are a far less expensive way of locating lines than video pipe inspection systems, and easier than pipe transmitters. Easier than locating an energized line, you simply locate the pin-point frequency of the sonde.

The compact sonde transmits at 512 Hz and is powered by a AAA battery. Locate the Sonde 10 at depths of up to 10 ft. in cast iron pipe, or 15 ft. in clay or plastic; or locate the Sonde 20 at depth of up to 20 ft. in cast iron pipe, or 30 ft. in clay or plastic.

Attach the sonde to your drain cleaning cable using the spring carrier. Adapters for other brands of drain cleaning machines are available. The carrier protects the sonde as it travels down the line. Or you can tape the sonde onto a water jet hose, push-rod, flat rod, or other devices.



Specifications:

Sonde 10 Range:

Up to 10 ft. through cast iron or 15 ft. through clay or plastic lines.

Sonde 20 Range:

Up to 20 ft. through cast iron or 30 ft. through clay or plastic lines.

Frequency:

512 Hz.

Size:

3/4" x 3-1/2".

Battery:

One AAA Alkaline.



Spring carrier for Sondes with General coupling. Adapters for other brands available.

Gen-Ear LE[®]

Water Leak Location System

Now, 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 or 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.



1. Carrying Case

2. Ground Sensor

3. Amplifier

4. Probe Rods

5. Sensor Magnet

6. SAM

7. Stereo Headphones

Components

1. Heavy Duty Carrying Case

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

2. 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.

3. 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.

Specifications:

Amplifier:

Input Impedance: 430k. Output Impedance: 4 – 10 Ohm.
Amplification: 56 db +/- 3%.
Filter Characteristics: 00 – 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: 1lb. (.45 kg).
Operating Temperature: 20° F – 130° F.



4. Sectional Probe Rods

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



5. 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.



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. 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.

Sensor:

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

Headphones:

Dynamic Range: 10 - 20,000 Hz.
Noise Reduction Rating: 23 db.

Carrying Case:

Dimensions: 20" x 13.5" x 9". (51 cm x 34 cm x 23 cm).
Weight: 7.5 lbs. (3.4 kg).

D-25 Handy™

Can Be Attached to a Drill

The redesigned D-25 Handy now sports a durable new plastic container and a rugged new patented chuck for maximum performance, flexibility, and reliability. Designed to take the toughest field abuse, General's sturdy new plastic container has been drop tested from 8 feet – fully loaded – without damage.

Operate the D-25 Handy as a hand tool – or power tool! Simply remove the turning handle and attach a 3/8" or 1/2" electric drill for extra muscle on tough clogs. With a capacity of 50 ft. of 1/4" or 5/16", and up to 35 ft. of 3/8" Flexicore® cable, the D-25 Handy easily unstops sink, shower, toilet, and laundry drain lines from 1-1/4" to 3" in diameter.



D-25 Units

Down Head Unit No.	Regular 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

Spin-Drive® Model 400

Clear 2" to 4" drain lines with the compact Spin Drive Model 400. A large crank on the back of the drum gives you powerful leverage, and after a couple turns, you'll have the speed and momentum to break through a stubborn stoppage. The 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 the 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. The drum can hold up to 75 ft. of 1/2" Flexicore® cable.



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
*450EM3	50 ft. x 1/2"	42

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

Unit 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.

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



Wire Rope
Center Construction

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-15FL1-DH	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

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

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

Down Head

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

Basin Plug Head

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

Double Down Head

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



Optional deluxe rotary handle has two smoothly operating hand grips.

Closet Augers



Three Foot Flexicore®

Professional 3 ft. Flexicore® Closet Auger is the ideal tool for breaking up stoppages or removing lost objects in clogged toilet bowls. Durable double layer Flexicore construction gives the snake tremendous resistance to kinking. The Flexicore closet auger works where plungers fail.

The tough outer steel tube is 3/4" in diameter. Inside, a galvanized steel rod turns the cable. Other features include a vinyl bowl guard, vinyl grip handle and turning handle, and a "Grip Clip" for securing the cable.

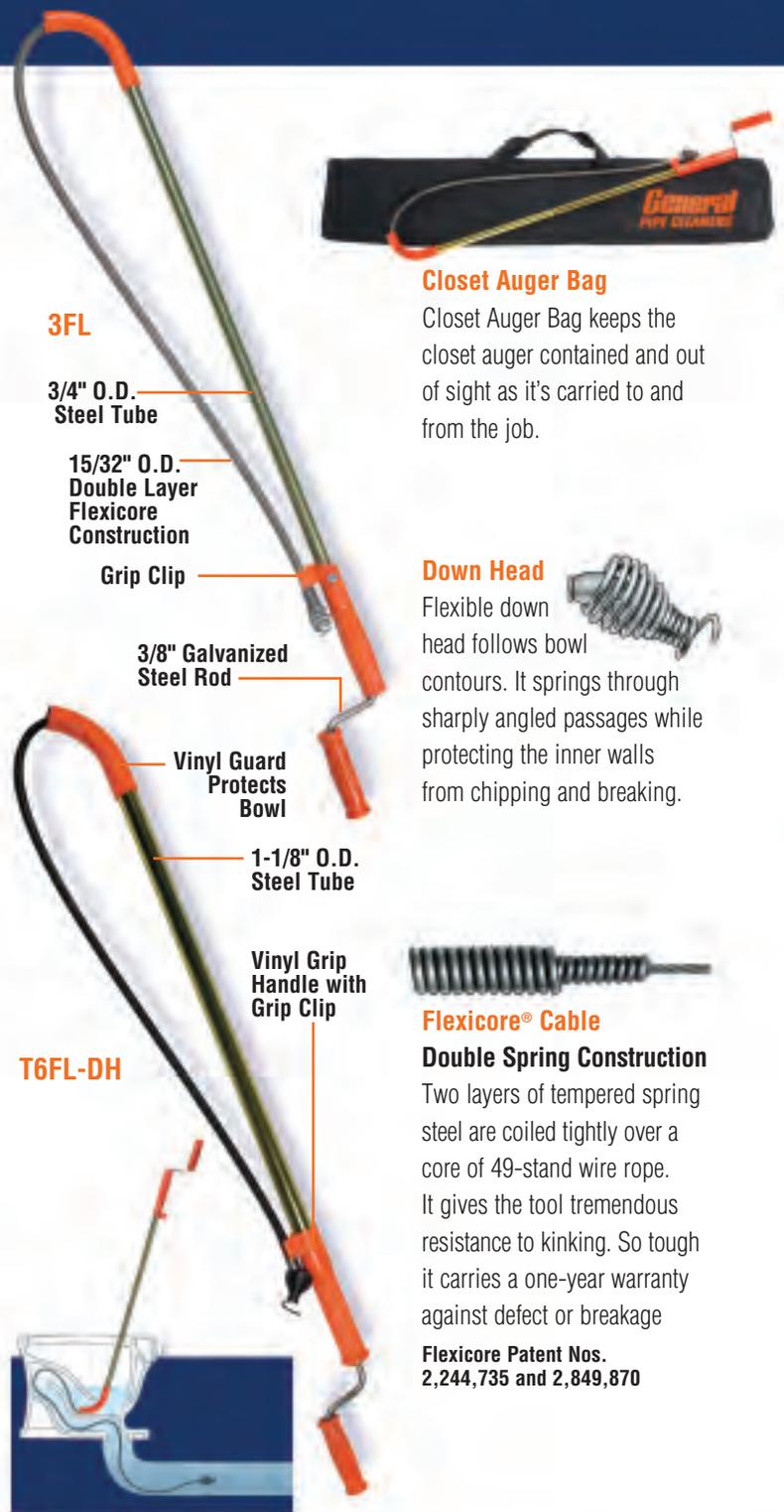
Catalog Number	Weight/Pounds
3FL	Regular Head 4-1/2
3FL-DH	Down Head 4-1/2

Six Foot Teletube®

Heavy-duty 6 ft. Teletube Closet Auger clears stoppages beyond the bowl. No need to lift the bowl, because the Teletube has an extra three feet telescoped inside a guide tube until you need it. After you've worked the first three feet into the bowl, you can go three feet farther simply by pressing a button and pulling the crank handle.

Outer steel tube is a big 1-1/8" in diameter. The hexagonal guide tube is even tougher than the steel rod we use in our 3FL closet augers. The Teletube weighs just a little more than a 3FL too. Other features include a vinyl bowl guard, vinyl grip handle and turning handle, and a "Grip Clip" for securing the cable.

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



Closet Auger Bag

Closet Auger Bag keeps the closet auger contained and out of sight as it's carried to and from the job.

Down Head

Flexible down head follows bowl contours. It springs through sharply angled passages while protecting the inner walls from chipping and breaking.



Flexicore® Cable

Double Spring Construction

Two layers of tempered spring steel are coiled tightly over a core of 49-stand wire rope. It gives the tool tremendous resistance to kinking. So tough it carries a one-year warranty against defect or breakage

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



Urinal Auger

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. TU4 has rust resistant steel tube and rubber bumper to protect urinal bowls.

TU4

Catalog Number	Size	Weight Pounds
TU4	4 ft. (1.2 m)	1-3/4 (.8 kg)



Closet Augers

For the Do It Yourself Market

Standard Closet Auger

A 3/8" (10 mm) dia. snake and ring for attaching snake when not in use. Plastic bowl guard. Powder coated steel tube is 27" (69 cm long and 5/8" (16 mm) in diameter. Plated turning rod.

H-3NKH

Cat. No.
H-3NKH

Size
3 ft. (.9 m)

Case Pack
12

Weight/Carton
22 lbs. (10 Kg)



Deluxe Closet Auger

A 7/16" (11 mm) dia. snake. Equipped with plastic grip handle and bowl guard. Powder coated steel tube is 30" (76 cm) long and 3/4" (19 mm) in diameter. Plated turning rod.

H-3RB

Cat. No.
H-3RB

Size
3 ft. (.9 m)

Case Pack
12

Weight/Carton
30 lbs. (14 Kg)



Utility Closet Auger

A real upgrade from the other models; has a big 1/2" (13 mm) dia. snake, 34" (86 cm) long, 3/4" (19 mm) powder coated steel tube and 3/8" (10 mm) diameter galvanized turning rod. Equipped with heavy vinyl grip handle and bowl guard.

H-3PJH

Cat. No.
H-3PJH

Size
3 ft. (.9 m)

Case Pack
6

Weight/Carton
21 lbs. (10 Kg)



Drum Augers

For the Do It Yourself Market



Deluxe Spin-Thru®

This top of the line Deluxe Spin-Thru drum auger features a rugged steel drum. The 1/4" (6 mm) snake is fed out of the drum into the line, keeping it away from clean kitchen and bathroom surfaces. There is a "T" grip handle for more convenient use in laundry tubs.

Case Pack: 12 (Individually Boxed)



Deluxe Power Spin-Thru®

Add a drill to make drain cleaning faster and easier. Our Deluxe Power Spin-Thru is equipped with a spindle so it can be attached to an electric drill.

Case Pack: 12 (Individually Boxed)

Catalog Number
H-25SM

Length
25 ft. (7.6 m)

Diameter
1/4" (6 mm)

Weight
4.5 lbs. (1.6 kg)

Catalog Number
HC-25SM

Length
25 ft. (7.6 m)

Diameter
1/4" (6 mm)

Weight
4.5 lbs (1.6 kg)



Spin Thru®

A cleaner way to open clogged drains. The Spin-Thru drum is molded from attractive high density orange plastic. A surprisingly durable unit at a surprisingly low price. Also available with 3/8" x 25 ft. snake. Case Pack: 6



Power Spin Thru®

The Power Spin-Thru is a great drain cleaner upgrade. Identical with the Spin-Thru, but with a spindle inserted at the back so it can be used with an electric drill. Also available with 3/8" x 25 ft. snake.

Case Pack: 6

Catalog Number
H-15PL
H-3/8-25PL

Length
25 ft. (7.6 m)
35 ft. (10.6 m)

Diameter
1/4" (6 mm)
3/8" (9.5 mm)

Weight
4.0 lbs (1.4 kg)
6.3 lbs (2.9 kg)

Catalog Number
HC-25PL
H3/8-C25PL

Length
25 ft. (7.6 m)
35 ft. (10.6 m)

Diameter
1/4" (6 mm)
3/8" (9.5 mm)

Weight
4.0 lbs (1.4 kg)
6.3 lbs (2.9 kg)



Clog Chaser®

A more compact, economical version of our Spin-Thru, the Clog Chaser holds 15 feet of cable. Molded from attractive high density orange plastic, it has a comfortable grip handle and a full-sized thumb screw. Case Pack: 6



Power Clog Chaser®

Add an electric drill option to the Clog Chaser. An upgrade that doesn't add much to the price. The Power Clog Chaser holds 15 feet of cable. It has a comfortable grip handle and a full-sized thumb screw.

Case Pack: 6

Catalog Number
H-15CL

Length
15 ft. (4.6 m)

Diameter
1/4" (6 mm)

Weight
2.5 lbs (.9 kg)

Catalog Number
HC-15CL

Length
15 ft. (4.6 m)

Diameter
1/4" (6 mm)

Weight
2.5 lbs (.9 kg)

Drain Augers

For the Do It Yourself Market

Increase drain auger sales by ordering Premium Drain Augers with attractive tamper resistant plastic display bags. Augers come with professional-style sliding crank handles with smoothly working hand grips. This feature gives the auger a more attractive, high quality appearance.

Made from high tensile bright wire. 1/4" augers have a basin plug head for easy threading through strainer. 3/8" augers have a large bulb-shaped corkscrew boring head.



Catalog Number	Length and Diameter	Standard Pack	Weight per Carton
H-8PQH	8 ft. x 1/4" (2.4 m x 6 mm)	24	31 lbs. (14 kg)
H-25PQH	25 ft. x 1/4" (7.6 m x 6 mm)	12	39 lbs. (18 kg)
H-25PMH	25 ft. x 3/8" (7.6 m x 9.5 mm)	6	39 lbs. (18 kg)
H-50PMH	50 ft. x 3/8" (15.2 m x 9.5 mm)	3	36 lbs. (16 kg)

Power Line

For the Do It Yourself Market

BD Drain Gun™

The BD Drain Gun power drain cleaner with "Quick-Grip" chuck makes drain cleaning faster and easier than ever. Ideal for the home handy man, the easy-to-use BD Drain Gun quickly clears clogged sinks, tubs and laundry drains. The patented "Quick-Grip" chuck tightens firmly against the drain snake with just a quarter turn and lets the homeowner tackle stubborn clogged drains like a professional. It includes 25 ft. x 1/4" tough Flexicore® cable with a wire rope inner core for toughness and durability, a sturdy plastic drum, and convenient grip shield. It's powered by a variable speed 3.2 amp double insulated UL approved motor.



Cat. No.	Description	Weight
H-BD-J	with 25 ft. x 1/4" (25FL1) Flexicore Cable	12 lbs. (5 Kg)



Little Mike®

The Little Mike is a compact tool for drain cleaning at a very reasonable price. The drum holds 50 ft. x 5/16" Flexicore wire rope center cable to clear lines up to 2" in diameter. A thumb-screw grips the cable. Includes pneumatic foot pedal for safety and speed control.

Cat. No.	Description	Weight
H-LMB	with 50 ft. x 5/16" (50FL1A) Flexicore Cable	24 lbs. (11 Kg)



Micro Rooter®

The Micro Rooter is for inside lines up to 3" in diameter. The drum holds 50 ft. x 3/8" Flexicore wire rope center cable. Jacobs hand-tight chuck tightens firmly against the drain snake. Drum can easily be removed for added portability. Includes pneumatic foot pedal for safety and speed control.

Cat. No.	Description	Weight
H-MI50AC	with 50 ft. x 3/8" (50FL2) Flexicore Cable	33 lbs. (15 Kg)

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.



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

6SSR – 6' section w/couplings and 2 nuts.

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.



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.



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.



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.

2MSR – 36" Section with Coupling

3MSR – 39" Section with Coupling

MSRC – Municipal Rod Coupling

M21 – Municipal Rod Turning Handle



M24 – Assembly Wrench



M27 – Corkscrew for 2" Pipe



M28 – Diamond Head



M29 – Root Cutter



M31 – Pick-Up Tool



M32 – Corkscrew for 4" Pipe



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 4", 6", and 8" sizes.



Flat Sewer Rod

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.

Pipe Size	Catalog Number	Feet	Weight Pounds with Holder
1/2" x 1/16" 2" thru 3"	50 B 100 B	50 100	7-1/2 12-1/2
3/4" x 1/16" 2" thru 4"	50 C 100 C	50 100	10 18
1/2" x 1/8" 2" thru 4"	50 H 100 H	50 100	14 22
3/4" x 1/8" 4" thru 6"	50 D 100 D	50 100	19 35
1" x 1/8" 4" thru 8"	100 I 150 I	100 150	49 71

**Flat Sewer Rod Cutter
Revolving Roller Head**



Catalog No.	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

Drain Flusher

For the Do It Yourself Market

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.

Number No	Size	Weight Pounds
1.5DF	1-1/2"	1/2
2.5DF	2-1/2"	1/2
3DF	3"	3/4
4DF	4"	1
6DF	6"	1.25
8DF	8"	1.5



Test Plugs

With rugged cast aluminum body, smoothly turning cast iron wing nut, and live rubber ball. Rugged construction throughout. Available in 1-1/2", 2", 3" and 4" sizes.



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.

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 (CO₂). 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 CO₂ 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.



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



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.

Stub-Out Work

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

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.

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. Watch out though, they'll spoil you.

Catalog Number	For use with:	Standard Pack
ATC-12 Copper Tubing Cutter	1/2" (13 mm) copper tubing	12
ATC-34 Copper Tubing Cutter	3/4" (20 mm) copper tubing	12
ATC-100 Copper Tubing Cutter	1" (28 mm) 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	For all sizes	12

Not for use with soft copper
AutoCut Patent No. 5903980 – Canada Patent No. 2187868

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

SUS

SuperSlice Tubing Cutter

Standard Pack

10

Rescue Wrap™

Repair Nearly Any Tool or Household Item

Rescue Wrap acts like a splint to repair plumbing, tools, patio furniture, sports gear, and more. Easy to use. Just wet thoroughly, wrap it tightly around object to be repaired and let it dry. It's waterproof, sandable and paintable.

You'll find plenty of uses for Rescue Wrap:

- Repair kinked or leaking garden hoses.
- Fix leaking faucets or pipes.
- Strengthen weak shovel and tool handles.
- Rescue worn sports equipment.
- Fix a fence or furniture.



Catalog Number

RWP-12

Standard Pack

12

Weight per Carton

2.3 lbs. (1 Kg)

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