

General **PIPE CLEANERS**



Nearly a Century of Customer Satisfaction

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



Company History



General Marks Nearly a Century of Drain Cleaning Industry Leadership

General Pipe Cleaners, a division of General Wire Spring Co., is a leading manufacturer of high-quality drain cleaning equipment. With nearly a century of knowledge of market needs and superior equipment reliability, General Pipe Cleaners has forged a robust reputation for turning “good ideas” into “great products” for decades.

Four generations of the General family and workforce have been serving the drain cleaning industry approaching one hundred years. Customer satisfaction, trustworthy tools, creative solutions, continual product improvements, and solid equipment have fueled General's success and industry leadership.

Entrepreneurial Spirit Powers Progress

And it all began in 1930. That's when Abe Silverman stepped out on his own from his uncle Frank's Rapid Wire Spring Company to found General Wire Spring Company. (His brother-in-law told him “What's good for General Motors should be good for you.”)

As a growing manufacturer of metal springs, Abe remained keenly attuned to promising market opportunities. To expand his customer base, he began making quality drain cleaning cables for local plumbers. But settling for simple springs as drain cleaning snakes proved equally unappealing to Abe Silverman. In the 1940s, he patented a process of wrapping spring wire tightly around a braided wire core – vastly boosting strength, kinking resistance, and flexibility.

Performance-Driven Innovation

Abe called the radical, heavy-duty design “Flexicore cable”. The innovative invention instantly surpassed all competitive products and it has remained the core of General's business ever since.

Abe's pioneering Flexicore design propelled the company's excellent reputation. Even today, it's widely considered the industry standard for drain cleaning snakes!



Today, General Pipe Cleaners is still going strong. But like so many firms founded during the Great Depression, the company constantly leveraged hard work, market savvy, inventive approaches, and plain luck to survive – and thrive.

Past is Prologue

General boasts a full line of advanced drain cleaning tools – including reliable drum-type and sectional drain cleaning machines, gas and electric powered water jets, sewer inspection cameras and pipe location systems, acoustical water leak location equipment, pipe freezers, thawing machines, and accessories.

Abe Silverman's lasting legacy of innovative solutions, product reliability, and customer service continues today. And his great-grandchildren – the founding family's fourth-generation – have now joined the business. Moreover, better than 40% of General's workforce remains multi-generational – with children often working shoulder-to-shoulder with their parents. Even the company's independent sales force remarkably reflects two and three generations representing General equipment. General continues its leadership role in innovative drain cleaning and inspection technologies. And with nearly a century of experience, the people of General Pipe Cleaners keep working hard to serve even more generations of customers.

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

The Flexicore® Advantage



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How it Began

It's the snake that makes the difference

At the heart of our drain cleaning machines is our patented Flexicore® cable. These remarkably effective and durable drain cleaning cables save you money because they last longer.



Flexicore is the only cable I really trust.

Jack Elvig,
Seattle, Washington

Flexicore cables are the strongest, most durable drain cleaning cables in the industry. Professionals who have used it know that its patented design, strength, and durability put it head and shoulders above all other cables in the industry.

General Wire Spring founder Abe Silverman developed the first Flexicore Cable in the 1940s. Since then, generations of plumbers and contractors have considered Flexicore the industry standard for drain cleaning cables because of its matchless strength, resistance to kinking and flexibility.

Made from heavy-gauge wire coiled tightly around a 49-strand aircraft quality wire rope, it has unequalled strength with just the right amount of flexibility. This unique cable is used on all General Pipe Cleaners drum-type machines.

Flexicore gets stronger as more torque is applied. This allows it to clear tough blockages with less kinking, breakage, and downtime. Less downtime means more work performed and more money for you.

Flexicore is so tough, it's the only cable that carries a one-year warranty on defects. In fact, it's the only cable in the industry that carries a warranty – period.

Surveys and feedback over the years confirm that successive generations of plumbing and drain cleaning professionals consider General their “preferred brand”. Flexicore cable remains a core reason why General continues its industry leadership.

The toughest tools down the line.™

General equipment lets us power through tough problems that our competitors walk away from!

Michael Williams,
Just Drains, LLC,
Philadelphia, PA



My dad always used it. And I swear by it!

Jeff Wall,
Wall Septic & Drain Cleaning, MA

Item	Index	Page
AutoCut		50
AutoCutPL		50
ClogChaser		46
ClogChopper		22
Closet Auger - Pro		45
Closet Auger - DIY		46
Cold-Shot, Pipe Freeze Kit		48
Cool Tools		48-50
Cutters		20-21
Cables for Electric Machines		23
D-25 Handy		44
PD-25 Handy		44
Drain Gun		47
Drain-Rooter PH		8
EasyReach		49
Flat Sewer Rods		46
Flexichain Cables		23
Flexicore Closet Augers		45
Flexi-Rooter 100, Flexible Shaft		24-25
Flood-Guards		49
Flush Bags		46
Gen-Eye POD		36
Gen-Eye X-POD Plus		37
Gen-Eye USB		38
Gen-Eye Micro-Scope3		39
Gen-Ear LE		42-43
Hot-Shot Pipe Thawer		48
Hot-Spot Pipe Locator		40
Hot-Spot Transmitter		41
Jet-Set Water Jetters		26-35
Kinetic Water Ram		10-11
Maxi-Rooter		17
Mini-Rooter Pro		12
Mini-Rooter XP		13
Model DRZ-PH		9
Power-Vee		7
Proflex Cables		23
Rodrunner		19
Rodrunner Model E		19
Root 66		18
Sewer Inspection Cameras		36-41
Sewerooter T-4		14
Snake-Oil		23
Speedrooter 92		15
Speedrooter XL		16
Spin-Thru		46
Super-Vee		6
Test Plugs		11
Urinal Auger		45
VersaPlunge		47
Water Jetters		26-35
Warranty		51

Comparison Chart

Power Drain Cleaners

	Typical Applications	For Use In Following Pipe Sizes	Maximum Capacity	Operating Weight	Maximum Recommended Distance	Motor Horsepower
Super-Vee Page 6	Sinks, Bathtubs, Roof Stacks	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) (15 m x 7.9 mm)	16 lbs. with 5 ft. x 3/8" (7 kg)	50 ft. (15 m)	3.2 amp Variable Speed
Power-Vee Page 7				34 lbs. (15kg)		
Drain Rooter PH Page 8				30 lbs. (13 kg)		
Model DRZ-PH Page 9						
Mini-Rooter Pro Page 12	Small Drains, Inside Work, On Roofs	2" – 3" and most 4" (50 mm – 100 mm) (Not For Roots)	75 ft. x 3/8" or 50 ft. x 1/2" (22.5 m x 9.5 mm or 15 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 Page 13				92 lbs. With 75 ft. x 3/8" (42 kg)		
Sewerooter T-4 Page 14	Small Drains with 9/16" Cable; Roots with 5/8" Cable	3" – 6" (75 mm – 150 mm)	100 ft. x 9/16" 75 ft. x 5/8" (30 m x 14.2 mm) (22.5 m x 15.8 mm)	158 lbs. (72 kg)	150 ft. (45 m)	1/3 hp
Speedrooter 92 Page 15	Main Lines, Roots, Difficult Obstructions	3" – 10" (75 mm – 250 mm)	100 ft. x 5/8" or 3/4" (30 m x 15.8 mm or 19 mm)	220 lbs. (100 kg)	200 ft. (60 m)	1/2 hp (Optional 3/4 hp)
Speedrooter XL Page 16	Main Lines, Roots with 5/8" or 3/4" Cable; Small Drains with 9/16" Cable	3" – 10" (75 mm – 250 mm)	100 ft. x 9/16, 5/8" or 3/4" (30 m x 14.2 mm, 15.8 mm or 19 mm)	220 lbs. (100 kg)	200 ft. (60 m)	3/4 hp
Maxi-Rooter Page 17	Main Lines, Roots, Difficult Obstructions	3" – 10" (75 mm – 250 mm)	125 ft. x 3/4" 150 ft. x 5/8" (37.5 m x 19 mm) (45 m x 15.8 mm)	250 lbs. (114 kg)	200 ft. (60 m)	3/4 hp
Root 66 Page 18	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" Sectional 150 ft. x 7/8" Sectional (38 m x 15.8 mm) (45 m x 22.4 mm)	1/2 hp
Rodrunner Page 19	Main Lines, Roots, Difficult Obstructions	3" – 10" (75 mm – 250 mm)	Not Applicable	90 lbs. Without Sections (41 kg)	300 ft. (90 m)	3/4 hp
Rodrunner Model E Page 19	Main Lines, Roots, Difficult Obstructions	3" – 10" (75 mm – 250 mm)	Not Applicable	185 Without Sections (84 kg)	500 ft. (150 m)	6.5 hp gas Engine
Flexi-Rooter 100 Page 24-25	Grease, Debris, Roots, Descaling, Wall to Wall Drain Cleaning	2" – 4" (50 mm – 100 mm)	50 ft. (15 m)	68 lbs. With 50 ft. Shaft (31 kg)	75 ft. (22.5 m)	4 amp Variable Speed
JM-1000 Mini-Jet Page 26	Grease, Sand, Soft Stoppages, and Ice	1/8" hose – 1-1/2" – 2" (38 mm – 50 mm)	50 ft. x 1/8"	23 lbs. (10.4 kg)	50 ft. (15 m)	1.2 hp 13 amp
JM-1450 Electric Jet Page 27			150 ft. x 1/4"	111 lbs. (50 kg)	150 ft. (45 m)	1.5 hp 13 amp
JM-2900 Gas Jet Page 28		1/4" hose – 2" – 4" (50 mm – 100 mm)	200 ft. x 3/8"	180 lbs. (82 kg)	200 ft. (60 m)	389 cc (13 hp) Gas Engine
JM-3000 Gas Jet Page 29			300 ft. x 3/8"	291 lbs. (132 kg)	300 ft. (90 m)	389 cc (13 hp) Gas Engine
JM-3055 Gas Jet Page 30		3/8" hose – 4" – 8" (100 mm – 300 mm)	300 ft. x 3/8"	299 lbs. (135 kg)	300 ft. (90 m)	480 cc (16 hp) Gas Engine
JM-3080 Gas Jet Page 31			300 ft. x 3/8"	375 lbs. (170 kg)	300 ft. (90 m)	614 cc (20 hp) Gas Engine
JM-2512 Typhoon Trailer Jet Page 32-33		1/2" hose – 4" – 12" (100 mm – 300 mm)	400 ft. x 1/2"	1900 lbs (862 kg)	400 ft. (120 m)	690 cc (24 hp) Gas Engine

Use 1/4" Cables in 1-1/4" – 2" Lines, 5/16" Cables in 1-1/2" – 2" Lines, 3/8" Cables in 2" – 3" Lines, 1/2" and 9/16" Cables in 3"- 4" Lines (Not Roots), 5/8" Cables in 3"- 6" Lines, 3/4" Cables in 4"- 10" Lines, 5/8" Sectionals in 1-1/4" – 3" Lines, 7/8" Sectional in 2" – 4" Lines, 1-1/4" Sectional in 3" – 10" Lines.

Tool Selection Guide



Power Tools



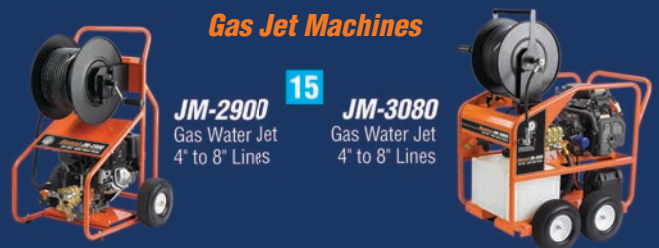
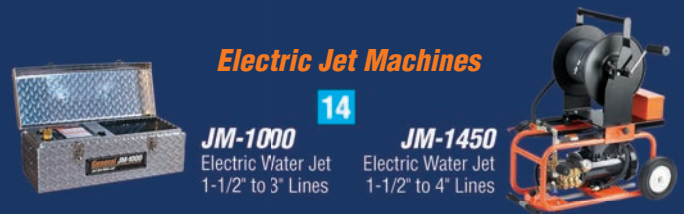
Hand Tools



Sectional Drain Cleaners



Jet Machines



Trailer Jet Machines



Super-Vee®

The Small Line Specialist



Scan to see webpage



“It’s well worth the money, and I tell everybody that it’s my preferred tool for small line jobs!”

John Comerford, Comerford Plumbing

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

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

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

To switch to a different diameter cable 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.

Key Features

- Slide-Action™ chuck built into grip shield.
- Quick-change cartridge makes switching cables clean and easy.
- Dyna-Thrust™ bearing system for longer tool life.
- Band-It™ splashguard minimizes excess water spray from the spinning drum.
- Flexicore® wire rope core cables for greater strength and durability.

Handy-Stand™

Uni-Stand™



Convenient portable stands work for the Super-Vee, Power-Vee or Handylectric.

Power-Vee®

With Power Cable Feed – Works Great in Tight Spots

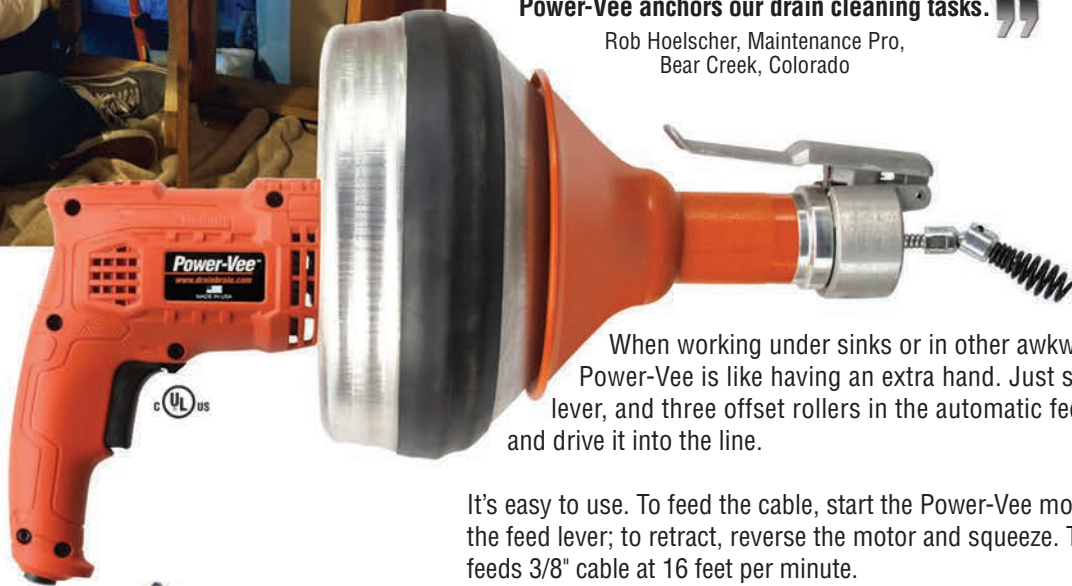


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“ Our maintenance tools must perform on demand. That’s why General’s hand-held Power-Vee anchors our drain cleaning tasks. ”

Rob Hoelscher, Maintenance Pro,
Bear Creek, Colorado



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.

Cartridge Refill

Change cables faster by changing cartridges. They’re convenient, clean, and inexpensive. It can be used for the Power-Vee, Super-Vee or Handyelectric.



Key Features

- Power cable feed drives and retracts cables at up to 16 feet per minute.
- Quick-change cartridge makes switching cables clean and easy.
- Dyna-Thrust™ bearing system for longer tool life.
- Band-It™ splashguard minimizes excess water spray from the spinning drum.
- Flexicore® wire rope core cables for greater strength and durability.

Drain-Rooter PH™

The Clean Machine



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

Key Features

- Variable speed power cable feed drives and retrieves cable at up to 16 ft. per minute.
- Four-foot guide tube keeps hands and job site clean.
- The drum speed can be varied by changing pressure on the foot pedal.
- Quick-change cartridge makes switching cables clean and easy.
- Flexicore® wire rope core cables for greater strength and durability.

Model DRZ-PH[®]

Quiet, Clean, Quick



Scan to see webpage



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

“ This tool is a great addition. It allows my staff to quickly address issues with a far greater success rate than with any previous equipment. ”

Tom Stegemann,
Maintenance Supervisor for Festus School District

Key Features

- Variable speed power cable feed drives and retrieves cable at up to 16 ft. per minute.
- Four-foot guide tube keeps hands and job site clean.
- Quick-change cartridge makes switching cables clean and easy.
- Band-It™ splashguard minimizes excess water spray from the spinning drum.
- Silent motor won't disturb your customers while on the job.
- Flexicore® wire rope core cables for greater strength and durability.

Kinetic Water Ram™

The Most Profitable Tool in your Truck



Don't be fooled by imitations! Over 50 years of technical advancements make the rugged, all-metal Kinetic Water Ram® the choice for quickly clearing clogged drains. Just pump it up, insert in drain – and snap the trigger. It's that fast.

Lightweight and economical, the futuristic Kinetic Water Ram generates a shock wave that instantly pulverizes stoppages in 1-1/4" to 4" lines – yet won't harm pipes. Quickly clear clogged sinks, toilets and tubs of grease, hair, sediment and debris.

Environmentally friendly, the compact, portable drain cleaning tool is cleaner than snakes – and safer than chemicals. It requires no electrical power or CO2 gas.

“ It takes longer to write-up the bill than to unclog a drain with that tool. ”

Dale Smith,
D. Smith Plumbing Services

The Kinetic Water Ram uses a burst of compressed air that drives a shock wave (kinetic energy) through water to break up the stoppage.

The shock wave bypasses vents and stacks to break-up clogs. You get instant impact with no pressure build-up. The built-in pump and pressure gauge lets you choose the right amount of force for each job.

“ Jobs that take guys an hour with cable machines, I do in just 5 minutes. The Ram is amazing on grease in kitchen sinks, hair in bathtubs, and disposable wipes in commodes. ”

Omar Taylor,
Indiana-based plumber

The Kinetic Water Ram is 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 sleek and easy-to-handle Kinetic Water Ram is made of durable plated metal components.

The 16 gauge plated steel cylinder is tested up to 600 lbs. of pressure, the 100 lb. pressure gauge provides pinpoint pressure control, and the built-in air compressor easily pumps up to desired pressure – more than any other air powered drain cleaner on the market. The unit is available with a sturdy carrying case with mold-protected compartments for the drain cleaning tool and accessories.

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.



Key Features

- Clear clogged sinks, tubs and toilets with kinetic energy.
- Shock wave breaks up stoppage without harming pipes.
- Effective clearing lines with tight bends, drum traps and narrow pipes.
- All-metal construction includes built-in pump and pressure gauge.
- 16 gauge plated steel cylinder tested up to 600 lbs. of pressure.
- 100 lbs. gearless pressure gauge provides pinpoint pressure control.
- Over 50 years of technical advancements.
- Built-in air compressor easily pumps up to desired pressure – more than any other air powered drain cleaner on the market.
- Environmentally friendly, requires no electrical power or CO2 gas.
- Lighter weight and cleaner than cable drain cleaners.



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Simple to operate - anyone can use it.



1.

Pump it up



2.

Insert in drain



3.

Snap the trigger

“ I judge how good a tool is by how fast it pays for itself. With Kinetic Water Ram, General has one hell of a great product. ”

Sylvan Tieger,
New York based plumber

What is Kinetic Energy?

The Kinetic Water Ram uses a burst of compressed air, which strikes the column of water in a clogged pipe. The resulting shock wave, called Kinetic Energy, hits the stoppage at a speed of approximately 4,700 feet per second, quickly clearing the blockage and flushing waste particles away. The instant impact protects pipes and joints because there is no build up of pressure in the plumbing system.



“ Our Kinetic Water Ram has proven fantastic for emergencies. It gets you through bad situations — fast. ”

Howard Baron, Village Plumbing



Carrying Case

Protect your investment with a heavy-duty carrying case with molded compartments for the Ram and its accessories.



Optional Ram Accessory Kit

Includes 6" tapered rubber cone, 1-1/2", 2", 3" and 4" expansion plugs, faucet adapter, water supply hose and check valve.

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.

Mini-Rooter Pro®

Clear Clogged Drains from Rooftop to Basement



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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.

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.



“ Our Mini-Rooter paid for itself a 1000 times over. And that's a conservative estimate! ”

Zachary Jurkowski, Montreal Contractor

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.

Available for Mini-Rooter Pro and Mini-Rooter XP.



Catalog Number MR-250



Removable Drum

You can take the drum off in seconds to switch drums or lighten the machine for easier transport.

Key Features

- Clears inside drain lines from rooftop to basement.
- Drum removes in seconds for added portability.
- Built in 6" wheels for easy transport, and folding handle for compact storage.
- Flexicore® wire rope center cables have unequalled strength yet the right amount of flexibility.

Mini-Rooter XP®

Extra Portability and Performance



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

A roll bar protects the 1/3 hp motor when going up or down stairs. 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-Rooter 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 General's patented Flexicore wire rope center cable for durability.

Power Cable Feed

An optional variable speed Power Cable Feed drives and retracts the cable at up to 16 feet per minute.

Available for Mini-Rooter Pro and Mini-Rooter XP.



Catalog Number PO-MR

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.



“ It weighs about 90 lbs. but it's no weakling. It's tough equipment, priced right. I love the reliability and maneuverability. ”
Jeff Wall, Wall Septic & Drain Cleaning Co.

Key Features

- Variable speed power cable feed drives and retrieves cable.
- Inner drum cage to prevent cable tangling under load.
- Built in 8" wheels for easy transport, and folding handle for compact storage.
- Drum removes in seconds for added portability.
- Flexicore® wire rope core cables for greater strength and durability.

Sewerooter T-4™

A Mid-Size Machine with More Muscle



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The Sewerooter T-4™ does a better job of clearing inside drain lines up to 100 ft. long with 9/16" Flexicore cable. It has more torque than traditional 1/2 inch cables, yet it can be used to clear the same 3" to 4" drain lines. Need to clear tree roots too? Just switch drums to a 75 ft. x 5/8" Flexicore cable to clear 3" to 6" lines.

The heavy-duty variable speed Power Cable Feed drives and retracts 9/16" and 5/8" cables at up to 20 ft. per minute. To adjust to different cable sizes, simply turn the knob on top of the feed. The screw-driver stays in the tool box.

The 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. And the unique

self-aligning Flexitube™ distributor tube reduces the risk of cable tangling in the drum.

V-Belt stair climbers make it easier for you to take the machine up a flight of stairs by yourself. The handle is tall enough to make it easy to transport to the job, yet quickly folds to take less room in your truck. Big ten inch heavy-duty semi-pneumatic wheels roll easily over rough terrain. And a truck loading wheel in the handle makes it easier for one person to lift the machine into a truck bed.



“ It really cuts down physical labor and makes work a lot easier. At the end of the day, you can literally feel the difference! ”

Budd Stover,
Twin County Plumbing & Heating

Truck Loading Wheel and Stair Climbers

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

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.

Key Features

- Clear inside drain lines up to 100 ft. long with 9/16" Flexicore cable.
- Variable speed power cable feed drives and retracts cable at up to 20 ft. per minute.
- Flexicore® wire rope core cables for greater strength and durability.
- Switch to 75 ft. x 5/8" cable to add root cutting capability.
- Includes folding handle, stair climbers, 10" ball bearing wheels, and truck loading wheel.

Speedrouter 92®

Job Tested Tough



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Contractors know that the Speedrouter 92 can really 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 Speedrouter 92's field tested design offers easy handling. One person can 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 your preference.

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

The drum holds 100 feet of 3/4" or 5/8" Flexicore® cable to clear 3" to 10" drain lines. The inner drum and self-aligning Flexitube™ distributor tube reduces cable tangling.



“ It's my workhorse. Speedrouter means service with a Capital S! ”

Carl Helt, Helt Plumbing



Power Cable Feed

A variable speed power cable feed attachment makes feeding and retrieving the cable much easier. It quickly adjusts between 5/8" and 3/4" cables without the need for tools.



Truck Loading Wheel

One person easily loads the Speedrouter 92 onto a truck. The swept-back handles and loading wheel give you the needed leverage.

Key Features

- Clears 3" through 10" drains up to 100 ft. down the line.
- Variable speed Power Cable Feed drives and retrieves cable at up to 20 ft. per minute.
- Adjustable height handle can be 3" taller or more compact.
- Features stair climbers, 10" ball bearing tires, truck loading wheel and tool box.
- Flexicore® wire rope core cables for greater strength and durability.

Speedroooter XL[®]

Long Distance Clog Busting Power



Scan to see webpage



With easily interchangeable drums, the Speedroooter XL gives you long distance clog-busting power in 3" to 10" lines – up to 200 feet. The rugged, easy-to-manuever Speedroooter XL sports a powerful 3/4 hp motor to drive the cable down longer runs and clear tough stoppages.

Change drums to add cable lengths or swap cable sizes with ease. Switch between 3/4" or 5/8" Flexicore cables in the large drum – General's see through inner cage lets you quickly gauge how much cable remains – or substitute the small drum with 100 feet of 9/16" Flexicore cable for smaller lines.

The variable speed Power Cable Feed offers raw driving and pulling power for long, tough jobs. To adjust to each cable size, simply turn a knob on top of the feed – no screwdriver required!

One person can load the Speedroooter XL onto a truck. The machine's frame slides smoothly from the loading wheel, to the handle, to the stair climbers, and finally to the wheels. The adjustable height, sweep-back handles also provide maximum maneuvering leverage.



“ We have Speedroooter on station – 24 hours a day. Our cost savings have been just phenomenal! ”

Gary Schakel, Maintenance Pro, Oberlin, Ohio

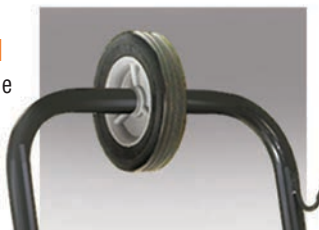


Easily Interchangeable Drums

Add an optional second drum of Flexicore cable to clear lines up to 200 ft. long. Or switch drums to 100 ft. of 9/16" cable to clear smaller 2" to 3" drain lines.

Truck Loading Wheel

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



Key Features

- Clears 3" through 10" drains up to 200 ft. down the line.
- Powerful 3/4 hp motor provides clog-busting power.
- Variable speed Power Cable Feed drives and retrieves cable at up to 20 ft. per minute.
- Adjustable height handle can be 3" taller or more compact.
- Flexicore[®] wire rope core cables for greater strength and durability.

Maxi-Router®

Big Capacity Root Cutting Power



Scan to see webpage

The Maxi-Router combines root cutting power and big capacity in a surprisingly portable machine. A heavy-duty 3/4 hp motor with capacitor start and overload 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-Router 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.

Maxi-Router's variable speed 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 can instantly 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-Router 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.



“ The Maxi-Router is built like a tank. It's a really beefy machine you can throw around and don't have to worry about it breaking down. ”

A. Pederson's Plumbing

Narrow Profile

Surprisingly slim 23" profile lets you get the machine through just about any door you're likely to run into, with room to spare.



Lifting Handles

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



Key Features

- Clears roots and heavy stoppages in 3" to 10" lines.
- Holds 125 ft. of 3/4" or 150 ft. of 5/8" Flexicore® Cable.
- Powerful 3/4 hp motor drives cable up to 200 ft. down the line.
- Variable speed Power Cable Feed drives or retrieves cable at up to 20 ft./min.
- Includes stair climbers, truck loading wheel, and built-in tool box.
- Flexicore® wire rope core cables for greater strength and durability.

Root 66[®]

It's Three Machines in One



Scan to see webpage

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

You can clear 2" to 3" lines up to 125 ft. long with 5/8" sectional cables, and clear 4" lines up to 150 ft. long with 7/8" sectional cables – 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.



“ We compared several machines, and for strength, durability, ease-of-use, and function, only Root 66 met our standards. ”

Tyler Scott, Pipe Dreams Sewer & Drain, LLC



Optional Small drum

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

Key Features

- Clears 1-1/4" through 4" drain lines.
- Drives both 5/8" and 7/8" sectional cables.
- Change cables instantly—no tools or adapters required.
- Small drum holds 25 ft. of 5/16" Flexicore cable to clear 1-1/4" to 2" lines.



Cable Carriers

Easily transport cables to and from the job with light weight Velcro strap with handle.

Rodrunner®

Self-Feeds Reinforced Sectional Cables



Scan to see webpage



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 700 rpm, an ideal speed for self-feeding into the line. An adjustable slip clutch helps protect the cables against sudden torque build-ups.

Rodrunner Model E®

Drives Municipal Rods or Sectional Cables



Scan to see webpage

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

It’s driven by a powerful 208 cc Briggs and Stratton engine. Drive speed is set at 100 to 200 rpm for municipal rods or 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” drive chain and safety slip clutch to protect the cables and rods against excessive torque build-up mean low maintenance.



E-MRDC

The municipal rod drive coupling doesn’t need a wrench to couple and uncouple the rods. Just pull back on the collar to grip or release the coupling.



EG-CDC

The sectional drive coupling for “G” cables doesn’t need a wrench either. Just turn the knurled ring to lock the cable coupling in place.



Cutters

For Drum-Type Machines

AH Arrow Head Starting Drill

For 5/16", 3/8", 1/2" and 9/16" cable.



1-1/4 SCB 1-1/4" Side Cutter Blades

For cutting and scraping. For 5/16" and 3/8" cable.



BG Boring Gimlet

For removing loose objects. For 5/16" and 3/8" cable.



1/4 DH 1/4" Down Head

Leads cable down stack - and not up. For 1/4" cable.



FAH Flexible Arrow Head

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



1CH and 1-1/2CG ClogChopper

Clears debris, scale, and crystalized urine. For 5/16" and 3/8" cable.



DHBG Down Head Boring Gimlet

Goes down waste, not up stack. For 5/16" and 3/8" cable.



1/4 DDH 1/4" Double Down Head

For especially difficult bends. For 1/4" cables.



LE-1 Small Flexible Leader

Attach to cables to go though "P" traps and other tight bends. For 3/8", 1/2" and 9/16" cable.



RTR-1 Small Retrieving Tool

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



HDSC Heavy Duty Side Cutter

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



2CG and 2-1/2CG ClogChopper

Clears debris, scale and crystalized urine. For 1/2", 9/16", 5/8" and 3/4" cable.



2UC 2" U-Cutter

For cutting and scraping. For 3/8", 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", 9/16", 5/8" and 3/4" cable.



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

SHD Spear Head Starting Drill



RTR-2 Large Retrieving Tool

For removing loose objects.



HDSC Heavy Duty Side Cutter

For cutting and scraping. Available in 3" and 4" sizes.



UC U-Cutters

For cutting and scraping. Available in 2", 3" and 4" sizes.



SCB Side Cutter Blades

For cutting and scraping. Available in 2", 3" and 4" sizes.



RP-2 Root Ripper™

Heavy spring screws into root mass, while hook tears into stoppage.



RSB Rotary Saw Blades

For cutting and scraping. Available in 3" and 4" sizes.



3-6HDEC Heavy Duty 3" to 6" Expansion Cutter

Can pass through 3" pipe to reach and clean 6" pipe.



4-6SAC Self-Adjusting 4" to 6" Side Cutter Blades

Can pass through 4" pipe to reach and clean 6" pipe.



3CG and 4CG ClogChopper

Maneuverable cutter clears roots, debris, and scale. Available with connectors to match General or other brands.



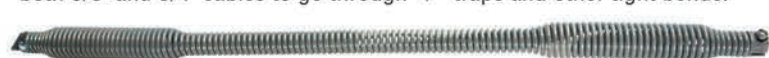
HDB Heavy Duty Saw Blade

For roots and other stoppages. Available in 3" and 4" sizes. Used with both 5/8" and 3/4" cables to go through "P" traps and other tight bends.



LE-2 Large Flexible Leader

For roots and other stoppages. Available in 3" and 4" sizes. Used with both 5/8" and 3/4" 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.



LE-3 Large Flexible Leader

Used with both 5/8" and 3/4" cables to go through "P" traps and other tight bends.





Scan to see webpage

For 5/8" Sectional Cables

R-AH
Arrow Head
Starting Tool



R-BG
Boring Gimlet
For removing loose objects.



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



R-RTR-1
Hook Auger
For breaking up stoppage and retrieving objects.



For 7/8" Sectional Cables

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



R-SHD-10
Spear Head
Starting Drill



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



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



R-RTR-10
Large Retrieving Tool
For removing loose objects.



For 1-1/4" Sectional Cables

Note: All cutters are illustrated with "G" connector. If ordering with "L" connector, substitute "L" prefix for "G". 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-RTR-2
Large Retrieving Tool

G-CW Coupling Wrench
Fits both "G" and "L" connectors.



G-HA Hook Auger

Sectional Machine Accessories

G-CA Cutter Adapter
Converts all cutters on pages
20-21 for use with "G" connectors.



VCCS Cable Carrier
Holds five
10 ft. sections.



G-FSH Flexible Spear Head
Good in 4" "P" traps.



G-SC Spade Cutter
Wide spade with sharp edge.



G-CL Cutter Leader
Add flexibility to the front
of Proflex cables,



CF Cable Feeding Tool
Helps work sectional cables
around tight bends.

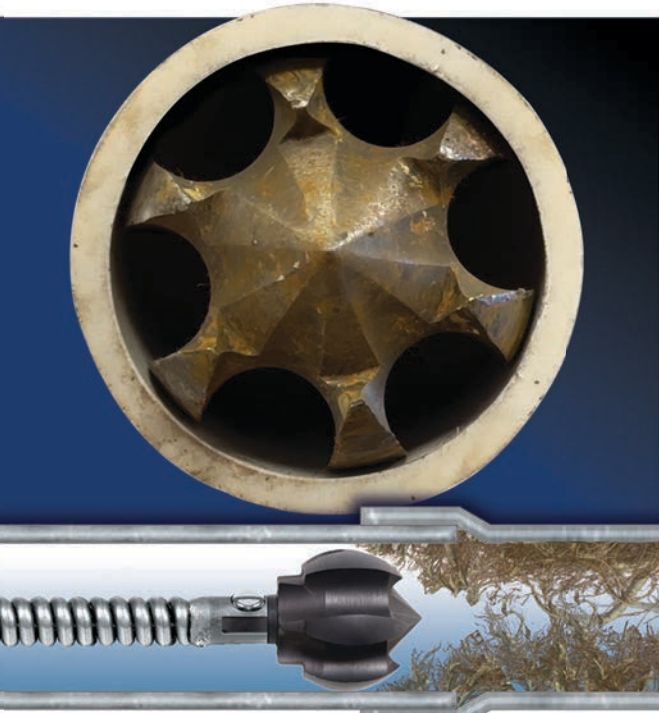


ClogChopper®

Revolutionizes Drain Cleaning



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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.

“There's nothing like it. It's fantastic for clearing scale from inside lines. It flies around pipe bends!”
Sylvan Tieger, Bronx-based Plumber



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"	3" – 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.

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.

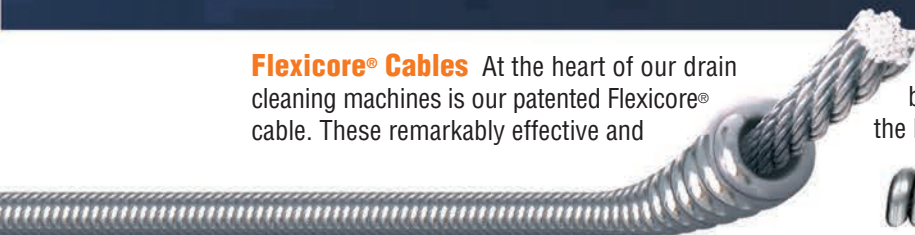
Replacement Cables



Scan to see webpage

Flexicore® Cables At the heart of our drain cleaning machines is our patented Flexicore® cable. These remarkably effective and

durable drain cleaning cables save you money because they last longer. Learn more about the Flexicore Advantage on page 3 of this catalog.



General Flexicore® Cable with Male and Female Connectors.

Sectional Cables Sectional cables for the Root 66 and Rodrunner snap together in a second and can be taken apart quickly with a coupling wrench or key. The open coils screw into the line making it easier to clear longer lines with less effort. The 5/8" sectional cables are hollow. The 7/8" sectional cables are available as either hollow or with a Proflex cable core. The 1-1/4" sectional cables are available in either all-purpose Flexichain which has a chain center,

or stiffer Proflex which has a spring center. They are available with a variety of lengths and connectors for General and competitive brands. With the "G" connector, no torque is put on the locking pin when running in reverse, making it a more durable coupling.



Flexichain® Cable



Proflex® Cable



"G" Connector



"L" Connector



15R10-P Proflex® Cable with "R" Connector

Cable Maintenance



Scan to see webpage



Snake Oil Classic™ A Great Way to Extend the Life of Your Cables

Snake-Oil Classic preserves and protects sewer cables against rust and corrosion. It's better than common lubricants because its special rust inhibitor cuts through moisture and replaces it with a rust-resistant coating. You'll significantly extend the life of your cables and sewer machine, including the drum, bearings and power cable feed rollers. Snake Oil Classic also includes a deodorizer to give equipment a fresh, clean smell. Available in quarts or gallons.



Double Palm Leather Gloves

Only wear leather gloves when working with a drain cleaning cable. Never use any other type of glove, such as cloth, rubber, or coated gloves. Never grasp a rotating cable with a rag. These items could become wrapped around the cable and cause serious injury. Available individually or in 12 packs.

Splash/Impact Goggles



Always wear safety glasses to protect against splash and debris from the drain. Use of this safety equipment may prevent serious injury. Can be worn over glasses.

Quick-Fix™ General's unique Quick-Fix™ lets you quickly repair broken drain cables in the field. You can continue working and finish the job without having to go back to your shop to repair or replace a broken cable. The Quick-Fix is available in 1/2", 9/16", 5/8", and 3/4" sizes with female or male connectors.



Connectors



Butt-Weld Connectors

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



Cup-Type Connectors

Sheath fits over cable for easier repairs. For 5/16", 3/8", 1/2", 9/16", 5/8" and 3/4" sizes.



Repair Sleeves

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

Flexi-Router 100[®]

The Next Generation Flexible-Shaft Drain Cleaner

General Pipe Cleaners redefines high-speed, flexible-shaft technology with the Flexi-Router[®] 100 drain cleaner – the next-generation flexible-shaft drain cleaning machine! We've added an integral motor, stronger shaft, and unique ClogChopper cutters to a durable metal, easily maneuverable frame.

The stronger, stiffer shaft is flexible enough to get through 2" lines, yet strong enough to cut roots in 4" drain lines up to 75 feet down the line. It's powered by an integral variable speed motor that lets you adjust the speed from zero to 2200 rpm. With the foot pedal, you have both hands free to safely guide the flexible shaft into the line. You can use the Flexi-Router simultaneously with your sewer inspection

camera system to pinpoint trouble spots in the line and instantly view your results. The durable metal frame includes 10" wheels and a folding handle to make it easier to get the machine smoothly to and from the job. A safety slip clutch helps protect the flexible shaft. But if you ever do get into trouble, the shaft is field repairable.



“ We’re using the Flexi-Router more than our conventional cable machines. It handles most drain cleaning troubles – from root problems to grease and sludge stoppages. ”
Seth Mikulin, SureFlo Sewer and Drain Cleaning

Key Features

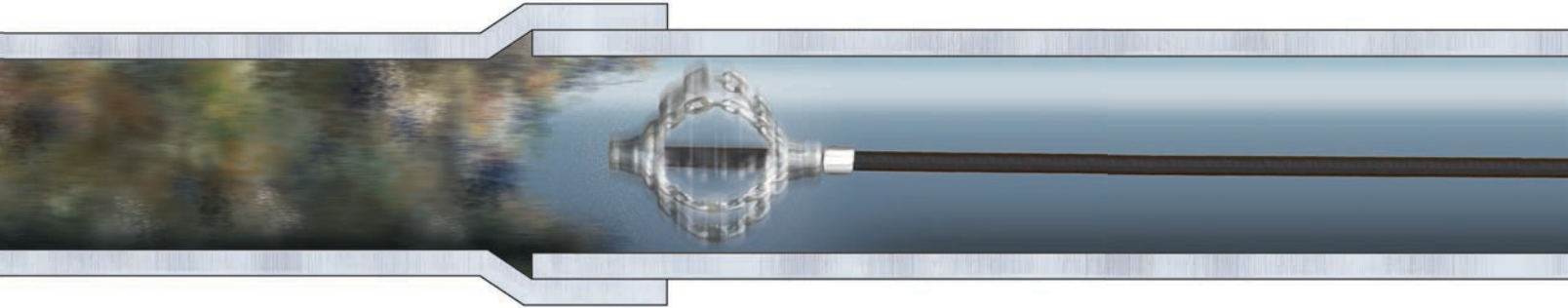
- Integral variable speed motor – from zero to 2200 RPM.
- Stronger, stiffer flexible shaft and durable sheath.
- Two-part cleaning array combines ClogChopper[®] with carbide-tipped chain cutters.
- Foot pedal frees hands to guide the shaft.
- General’s flexible shaft is field repairable.



Scan to see webpage

General's innovative, two-part cleaning array combines the unique ClogChopper® with Carbide-Tipped Chain Cutters to make a formidable combination. ClogChoppers rip through tough stoppages with six self-sharpening blades that dig into

encrusted debris and root masses, easily grinding up stubborn clogs. The spherical design maneuvers around tight bends and traps. Together, they are capable of boring through tough stoppages and scale, shredding obstructions, and scouring pipe walls clean.



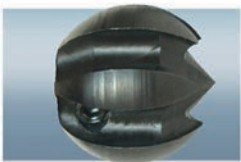
What is Flexible Shaft Technology?

Flexible-shaft technology is the next big thing in our industry. Flexible-shaft sewer machines utilize a swiftly rotating wire coil, much like a speedometer cable. The flexible shaft is safely protected inside a sheath so it's easy to handle – no spinning drums.

Flexible-shaft technology is faster and more thorough than traditional drain cleaners. The flexible shaft spins more than 10 times faster than drum machines. At speeds of 2000 RPM or more, the chain cutters quickly grind up stoppages and scour the walls of the pipe. And you can use your camera system to give it pinpoint accuracy.

ClogChopper® with Carbide-Tipped Chain Cutter

General's innovative, two-part cleaning array combines the unique ClogChopper® with Carbide-Tipped Chain Cutters to make a formidable combination. ClogChoppers rip through tough stoppages with six self-sharpening blades that dig into encrusted debris and root masses, easily grinding up stubborn clogs. The spherical design maneuvers around tight bends and traps. Together, they are capable of boring through tough stoppages and scale, shredding obstructions, and scouring pipe walls clean. Also available for use with Non-Carbide Chain Cutters.



FR-1-1/2CG
1-1/2" ClogChopper Cutter
for Flexi-Rooter



FR-2CK
2" Chain Cutter – Double Chain
For PVC and Soft Stoppages



FR-2HDCK
2" Heavy-Duty Carbide Tipped Chain
Cutter – Double Chain –
For Roots and Descaling



FR-3-4CK
3" – 4" Chain Cutter – Triple Chain –
For PVC and Soft Stoppages



FR-3-4HDCK
3" – 4" Heavy Duty Carbide
Tipped Chain Cutter – Triple Chain –
For Roots and Descaling



FR-3TAZ
3" Circular
Carbide Tipped Chain



FR-4TAZ
4" Circular
Carbide Tipped Chain

JM-1000™ Mini-Jet

We Include Everything but the Weight



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The lightweight, compact JM-1000 Mini-Jet gives you 1500 psi of cleaning power, yet weighs just 23 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.

Vibration 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. Clear sinks, tub and, laundry drains up to 50 feet long. Order the High Performance stainless steel hose with Teflon core for increased cleaning power.

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



Lightweight & Compact

The lightweight, compact Mini-Jet weighs just 23 lbs. so it's small enough to store conveniently in your truck.

Key Features

- Clear grease, sand, and ice from 1-1/2" – 3" lines.
- Rugged metal diamond plate case handles abuse in the field.
- Generates 1500 psi at 1.4 gpm, pulls only 13 amps.
- Compact, lightweight unit weighs just 23 lbs.
- Optional High Performance stainless steel hose for increased cleaning power.

“ The JM-1000 is perfect for spot-clearing kitchen stoppages. The compact size makes it great for one-man operations and it's perfect for much of the work I do! ”

Craig Casteen, Casteen Plumbing & Repair

JM-1450™ Electric Water Jet

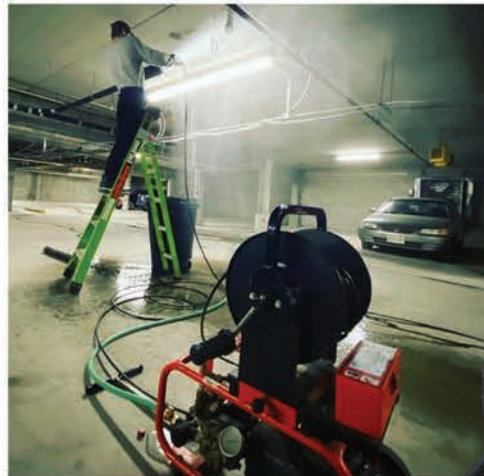
Compact! Portable! Powerful!



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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.

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.



“ We ran the JM-1450 hose from the floor drain to the stack – then to the floor below, then cleanly repeated the process. Lather, rinse and repeat! ”

Gregg D'Attilio, Art Plumbing

Slide-Out Handle

Convenient handle and eight-inch wheels make it easier to roll the machine to and from the job. The reel detaches in seconds to make the jet more portable.



The JM-1450 is compact and portable. With an overall height of 31", 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 drag brake and swivel is mounted on a heavy duty frame with two 8" semi-pneumatic tires.



Key Features

- As much power as you can get from an electric jet.
- Generates 1500 psi at 1.7 gpm, yet pulls only 13 amps.
- Flow rate to remain the same whether Vibra-pulse is on or off.
- Compact and portable, hose reel removes in seconds.



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.

JM-2900™ Gas Water Jet

Big Jetter Power at a Bargain Price



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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 (13 hp) 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.

An optional spray wand is available.



“ I absolutely love my JM-2900. It's a serious next level investment for me, and it's been a game changer for my drain cleaning. ”

Mary Anne Bowcott, The Lady Plumber

Key Features

- Economical gas jet is great for maintenance work.
- 389 cc (13 hp) engine with low oil shut off.
- 3000 psi, 4 gpm pump with Vibra-pulse®.
- 200 ft. capacity hose reel with reel brake.
- Rides on two "flat-free" foam core tires and heavy duty frame.
- Optional Cart-Reel for clearing indoor drains.

JM-3000™ Gas Water Jet

Solid Performance in the Toughest Conditions



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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 (13 hp) 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. Complete with spray wand.



“What’s nice about it is it pulls through sewer lines full of debris. We thought we had a leaf blockage in an outside drain line, but when the jet punched through it, we found the line was packed with acorns, sand, and mud. We even blew shale out of the line”

Barry Frazier,
Frazier Plumbing

Key Features

- Clears 3" to 10" lines, up to 300 ft. long.
- 389 cc (13 hp) engine with low oil shut off and electric start.
- 2 to 1 Gear reducer extends pump life.
- Heavy duty 3000 psi, 4 gpm pump with Vibra-pulse®.
- 300 ft. capacity removable hose reel with reel brake.
- Rides on four flat-free foam core tires and heavy duty easily maneuverable frame.
- Optional Cart-Reel for clearing indoor drains.



JM-3055™ Gas Water Jet

The Most Flow You can Get without a Holding Tank



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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. Complete with spray wand.



“ JM-3055 turned day-long work into a few-hour job. That's the sort of equipment efficiency and reliability that lets us do more business in a day! ”

Bob Rux,
Aberdeen Plumbing
& Heating Services, Inc.



Key Features

- Clears 3" to 10" lines, up to 300 ft. long.
- 480 cc (16 hp) engine with low oil shut off, and electric start.
- 2 to 1 Gear reducer extends pump life.
- Heavy duty 3000 psi, 5.5 gpm pump with Vibra-pulse®.
- 300 ft. capacity removable hose reel with reel brake.
- Rides on four flat-free foam core tires and heavy duty easily maneuverable frame.
- Optional Cart-Reel for clearing indoor drains.

JM-3080™ Gas Water Jet

Get High Water Flow without a Trailer



Scan to see webpage

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 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.



“ We were enormously pleased with its portability, power and performance. We could not have achieved those positive results without our JM-3080! ”
Dimitar Dimitrov, Double D Engineering Ltd.

Key Features

- Clears 3" to 10" lines, up to 300 ft. long.
- 614 cc (20 hp) engine with low oil shut off, and electric start.
- 2 to 1 Gear reducer extends pump life.
- Heavy duty 3000 psi, 8 gpm pump with Vibra-pulse®.
- 12 gallon buffer tank.
- 300 ft. capacity removable hose reel with reel brake.
- Rides on four flat-free foam core tires and heavy duty easily maneuverable frame.
- Complete with spray wand.
- Optional Cart-Reel for clearing indoor drains.

JM-2512 Typhoon® Trailer Jet

Big Cleaning Power in a Tough 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 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.



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



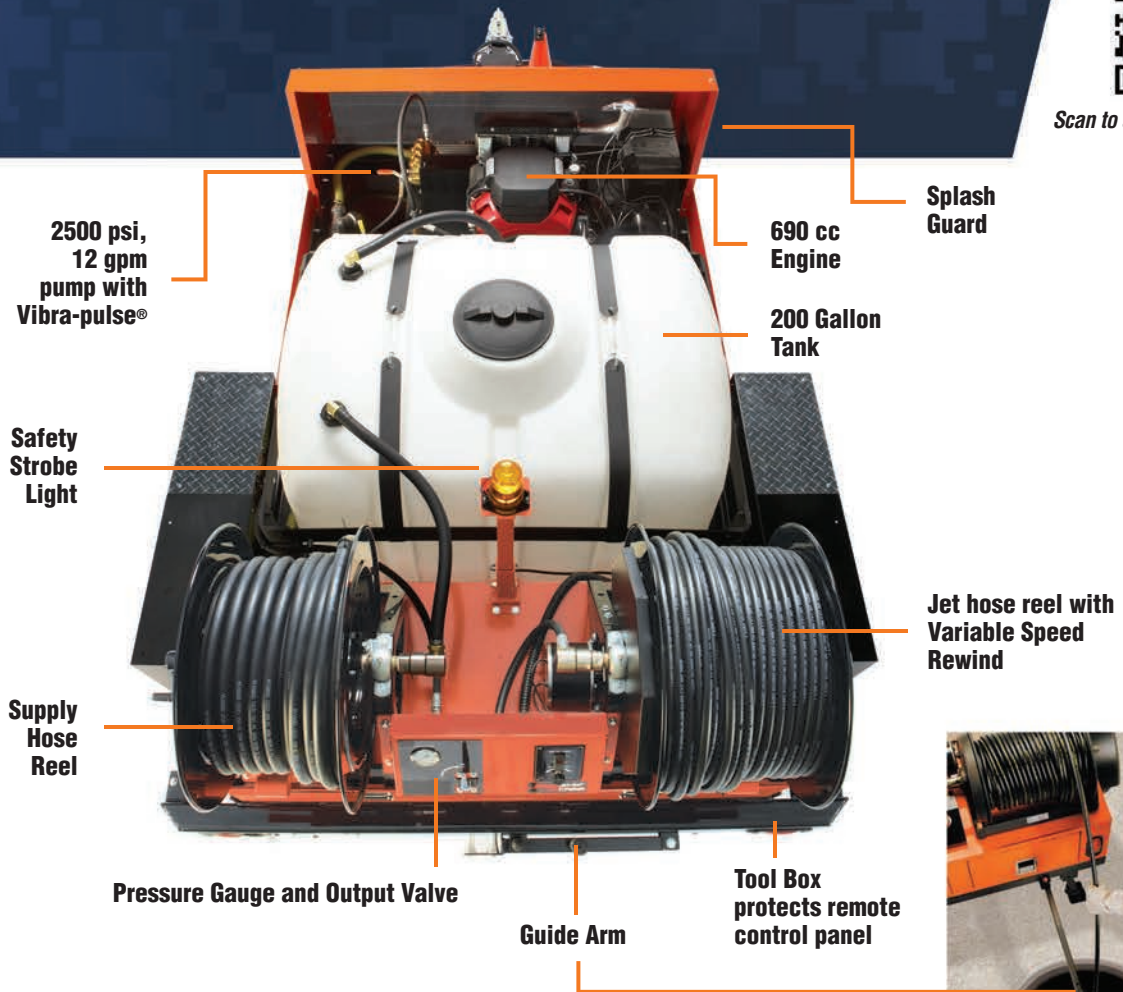
Remote control panel protected inside a locked toolbox.

Key Features

- Clears 3" to 10" lines, up to 400 ft. long.
- 690 cc (24 hp) engine with low oil shut off, and electric start.
- Heavy duty 2500 psi, 12 gpm pump with Vibra-pulse®.
- 200 gallon holding tank carries enough water for remote jobs.
- 400 ft. capacity hose reel with variable speed electric rewind.
- 150 ft. capacity supply hose reel.
- Anti-Freeze system protects unit from freeze damage.
- Electric brakes, safety strobe lights, rear stabilizer jacks, and retractable guide arm.
- Rides on four flat-free foam core tires and heavy duty easily maneuverable frame.
- Optional Cart-Reel for clearing indoor drains.



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“ You can drag a full load of water right to the job – and not waste time filling-up at the site, and the antifreeze really helps in winter. Competitive jets don’t have those features. ”

Keith Johnson, Accurate Cespool



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



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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 downstream soap injector. A variety of stainless steel nozzles are available.



Jet-Set[®] Nozzles and Hoses



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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 Tees and around difficult corners.

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.



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.



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 for 4, 5.5, and 8 gpm models to clear 4", 6", and 8" lines.

Chain Saw Nozzles™

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.



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.



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.

Optional high performance 3/16" stainless steel sewer jetter hose with Teflon® core offers better cleaning power. It has the flexibility to get through 1-1/2" to 3" lines and bends, and is available in 30', 50' and 75' lengths.

Gen-Eye POD®

Just Grab it and Go!



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Always easy on your back and your budget, the versatile Gen-Eye POD® video pipe inspection system features Wi-Fi inside. Wi-Fi lets you use your own tablet or smartphone to record the inspection and send it to your customers on the spot or back at the shop.

The lightweight, compact Gen-Eye POD combines camera, reel and monitor in an all-in-one package. You get a large 7" LCD color monitor in a padded case mounted on a flexible gooseneck that swivels to give you the best viewing angle, wherever you're working.

Just grab it and go! The full size Gen-Eye POD features a color self-leveling camera and 200 ft. of Gel-Rod® for trouble-shooting 3" to 10" drain lines. The compact MINI-POD carries 125 ft. or 175 ft. of push-rod and color self-leveling mini-camera for inspecting 2" to 3" 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", 3" and 6" Trap Skids, and a 512 Hz transmitter.



“ We handle lots of residential and light commercial work, and I wanted a tough, compact video package to inspect the 1-1/2" to 4" lines of our apartment-maintenance customers. ”

James Capelli, Capelli Plumbing

Key Features

- Integral camera system – camera, reel, monitor in an all-in-one package.
- 7" LCD color monitor mounted on a gooseneck for easier viewing.
- Self-leveling color camera automatically keeps the picture right side up.
- Full size reel carries 200 ft. Gel-Rod® to inspect 3" to 10" lines.
- Mini-reel carries 125 ft. or 175 ft. push-rod to inspect 2" to 4" lines.
- Rugged frame can be operated vertically or horizontally.
- Wi-Fi sends video to smartphone or tablet to record and send to customers.
- 512 Hz Transmitter for easy camera location.

Gen-Eye X-POD Plus®

Plus Battery Adapter, Wi-Fi, and Distance Counter



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The Gen-Eye X-POD Plus® sewer camera system includes the Gen-Pack™ battery adapter, Wi-Fi transmitter, and an on-screen distance counter as standard equipment to boost productivity and profitability!

Depending on battery type and settings, the built-in Gen-Pack battery adapter lets you operate the camera system for up to 12 hours in remote locations with limited access to power. Fuse-protected to safeguard your equipment investment, the Gen-Pack battery adapter is also available separately. Compatible with Milwaukee® M18 battery or equivalent. Battery and charger are not included.

X-POD Plus makes recording and sharing inspections easier. You can record videos and photos on a flash drive using the USB port or send the recording to your customers via your smartphone or tablet with the built-in Wi-Fi transmitter.

The on-screen distance counter shows how far the camera has traveled down a line – in feet or meters. And for optimum accuracy, settings can be adjusted for full-size or mini-reel configurations.

The lightweight, popular X-POD systems combine camera, reel, and monitor into one compact package. A durable docking arm supports the Command Module – and permits height and angle adjustments for optimal viewing.



Gen-Pack battery adapter is also sold separately.

“ The Gen-Eye image was so sharp that we could clearly read the logo on the bat itself! ”
Keith Walker, McNeill Plumbing

Key Features

- Integral camera system – camera, reel, monitor in an all-in-one package.
- One-touch video or photo recording on Flash Drive.
- 7" LCD color monitor for easier viewing.
- Gen-Pack battery adapter for remote operation.
- Self-leveling color camera automatically keeps the picture right side up.
- Wi-Fi sends video to smartphone or tablet to record and send to customers.
- 512 Hz Transmitter for easy camera location.

Gen-Eye USB®

Premium Video Pipe Inspection



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“ Lots of our suburban and rural customers experience recurring root troubles. We use the Gen-Eye to spot the problem – and a Speedroooter 92 to solve it. ”
Dan Powers, Jarboe's Plumbing



The Gen-Eye Series USB-P packs all the features you could ever need into a compact inspection package. It includes a USB port to record videos and photos on a flash drive with a recording capacity of up to 128 GB.

See your inspections clearly on a large, sunlight readable 10.4" LCD color screen. Easily handle remote jobs with the built-in rechargeable battery that lasts up to 4 hours, and send your videos and photos to your smartphone or tablet with the Wi-Fi transmitter inside.

Easily add titles and information with the waterproof keyboard protected by a heavy-duty Pelican™ case. All units include on-screen

distance counter, voice-over recording, camera test port, and date and time stamp.

The full size reels feature a self-leveling color camera and 200 ft., 300 ft. or 400 ft. Gel-Rod® for inspecting 3" to 10" drain lines. The compact Mini-Reels carry 100 ft. or 200 ft. of Gel-Rod® with mini self-leveling camera for trouble shooting 2" and 3" lines. The tough steel frame can be operated vertically or horizontally, so you can handle nearly any application.

Key Features

- 10.4" LCD Sunlight readable color screen for crisp clear pictures.
- USB recording drive – Can handle up to 128 GB flash drive.
- Rechargeable battery that lasts up to 4 hours.
- Wi-Fi transmitter to record video on smartphone or tablet.
- Waterproof keyboard permits on-screen titling.

Micro-Scope3[®]

With Sonde and Wi-Fi



Scan to see webpage

The Micro-Scope3 features a stronger pushrod to inspect 1-1/2" to 4" drain lines up to 100 ft. long. With the addition of a sonde to the pushrod, you can locate the camera easily with General's Hot Spot locator. And Wi-Fi has been added to the Command Module to view and record inspections on your smart phone or tablet.

The powerful Command Module lets you watch the action on a big 7" LCD color monitor for crisp, clear pictures. The USB port allows you to record videos or photos on a flash drive with the one-touch record button. It's packed with other great features like 4X digital zoom, voice-over recording, date and time stamp, and LED Dimmer Control.

The compact, lightweight tool offers the versatility to inspect drain lines from 1-1/2" to 4" in diameter, many toilet traps, and hard-to-inspect locations – like ducts, furnaces, and crawl spaces. The Command Module attaches to the reel with an adjustable mount for optimal viewing angles. The reel carries up to 100 ft. of micro push-rod with color camera.



Key Features

- Inspect 1-1/2" to 4" lines up to 100 ft. long.
- 7" LCD screen for crisp clear pictures.
- One-touch recording of video or photos.
- USB Recording Drive – Can handle up to 64GB Flash Drive.
- Digital Zoom increase picture size X4.
- Sonde in pushrod for easy camera location with General's Hot-Spot Locator.
- Wi-Fi transmitter to view and record inspections on your smart phone or tablet.

“ It's great for inspecting all sorts of small drains – including toilets. It really saves time and money. ”
Jake Albright, Naples Plumbing LLC

Gen-Eye Hot-Spot®

Digital Pipe Locator



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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.

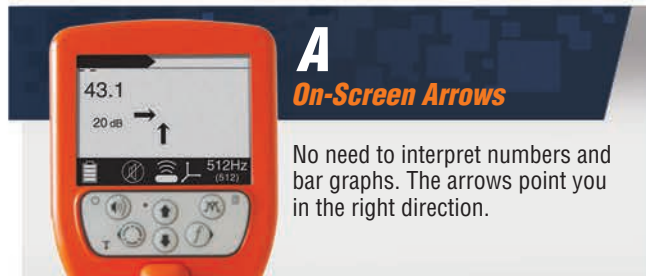
The Hot-Spot is the industry's most rugged locator. Rated at IP65, it is dust and dirt proof, and water resistant. It passed the one-meter drop test and the screen passed the 18" steel ball drop test.



“ I use the Hot Spot 10 times a week and it's dead-on-the-money 100 percent of the time! ”
Tim Rogers, R-Mech Heating Cooling & Plumbing

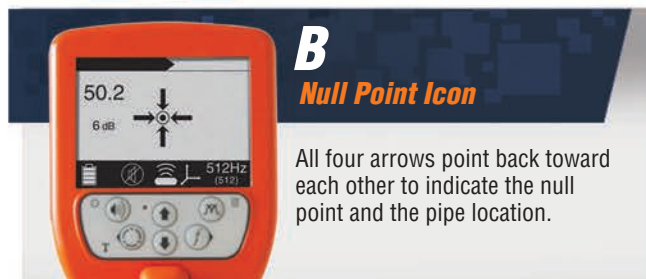
Key Features

- 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. 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).
- Simple, menu-based user interface - No need for multiple screens. Easy-to-access menus make it easier to use than other locators.



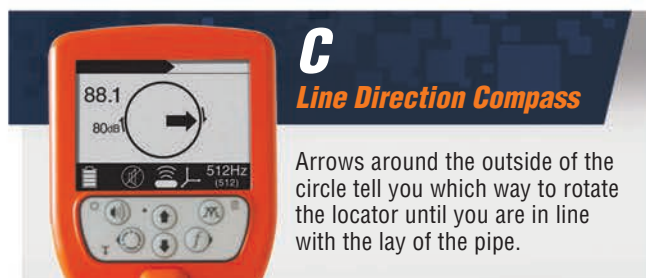
A On-Screen Arrows

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



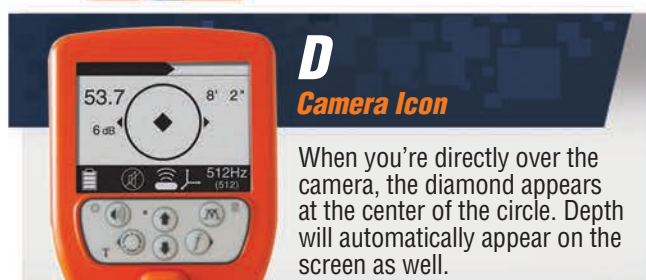
B Null Point Icon

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



C 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.



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.

Hot-Spot[®] Transmitter

5 Watts – 4 Frequencies



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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. If the other end of the pipe is not accessible, use the ground stake to complete the circuit. Another alternative is to place the transmitter over the pipe and use induction mode. You may also 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.



Gen-Eye[®] Sondes

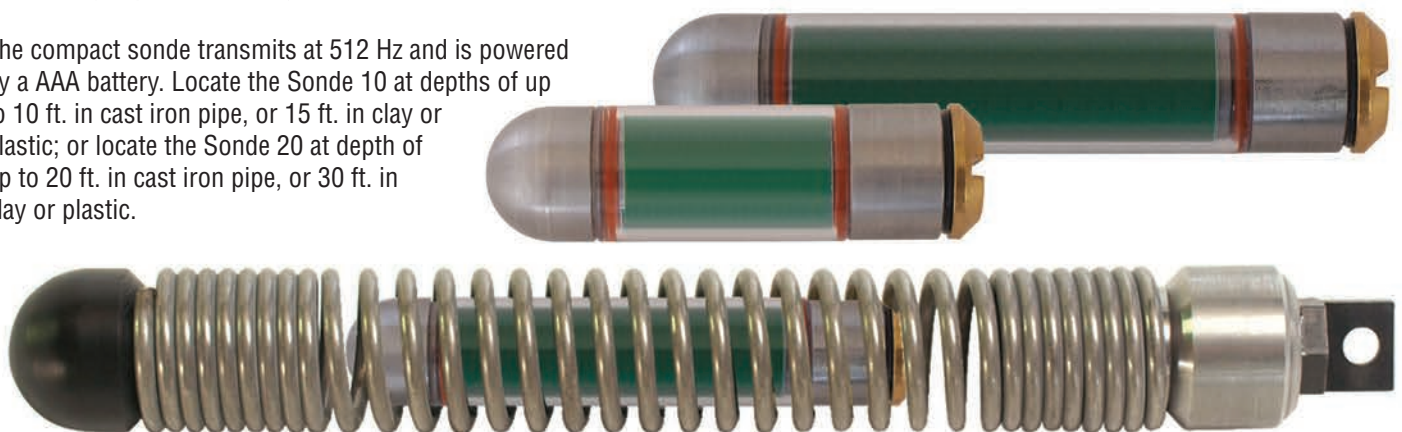


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Gen-Eye Sondes are a great tool for pipe location in cast iron, clay, or plastic lines. Sondes are a far less expensive way of locating lines than video pipe inspection systems, and easier than pipe transmitters. More convenient than locating an energized 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 device.



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.



“ The school thought we'd bust up the building slab and parking lot just to locate the problem, but our Gen-Ear showed them exactly what and where the troubles were. ”

Bryan Spencer,
Spencer Plumbing



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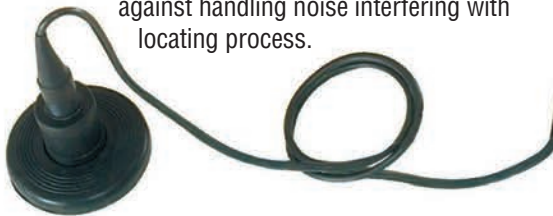


Carrying Case

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

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.



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. The 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.



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.

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.



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.



David Clark® Stereo Headphones

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

D-25 Handy

Can Be Attached to a Drill



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The D-25 Handy now sports a durable new plastic container and a rugged patented Quick-Fix™ chuck for maximum performance, flexibility, and reliability. Designed to take the toughest field abuse, General's sturdy 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.



Optional Down Head

PD-25 Auto Handy

With Power Cable Feed



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Clearing clogged sink, tub and laundry drains is easier with the PD-25 Auto Handy™. We've miniaturized our big machine power cable feed and put it on the Handy to give you feeding speed and convenience you haven't seen before in a hand operated drain cleaner. Operate the PD-25 Auto Handy as a hand tool – or a power tool! Simply remove the turning handle and attach a 3/8" or 1/2" electric drill for extra muscle on tough clogs.

To feed the cable, just squeeze the feed lever as the container rotates; to retract it, reverse the rotation and squeeze the lever. With a capacity of 50 ft. of 1/4" or 5/16", and up to 35 ft. of 3/8" Flexicore® cable, the PD-25 Auto Handy easily clears clogs in sink, shower, toilet, and laundry drain lines from 1-1/4" to 3" in diameter. Designed to take the toughest field abuse, the sturdy plastic container has been drop tested from 8 feet – fully loaded – without damage. That's more than twice the height of a standard test.



Optional Down Head

Closet Augers and Urinal Auger



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For the Professional

Flexicore® Three Foot Closet Auger

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.

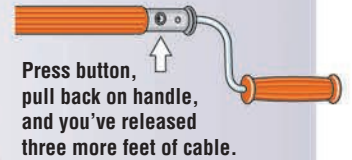
The tough outer steel tube is 3/4" in diameter. Inside, a galvanized steel rod turns the cable. Other features include a vinyl bowl guard, vinyl grip handle and turning handle, and a "Grip Clip" for securing the cable.



Teletube® Six Foot Closet Auger

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



Down Head

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



Urinal Auger

Gets through urinals where other snakes can't. A specially designed hollow 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. And it has a rust resistant steel tube and rubber bumper to protect urinal bowls.



Closet Auger Bag

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



“As a plumbing service contractor, I use Teletube toilet augers from General. The Teletube can almost do it all!”

Alan Trout of Trout Plumbing LLC

Flexicore Cable Double Spring Construction

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



For the Do It Yourself Market

Closet and Canister Augers, Flat Rods and Drain Flushers



Scan to see webpage



Deluxe Closet Auger

The best tools for unclogging toilets, this closet auger for the do it yourselfer has a 3 ft. (1 m) long by 7/16" (11mm) diameter hollow snake. It's equipped with a plastic grip handle and bowl guard. Powder coated steel tube is 30" (76 cm) long and 3/4" (19 mm) in diameter and the turning rod is plated.

Catalog Number 3RB



Case Pack: 12 Individually boxed units
Catalog Number C-25SM

Deluxe Power Spin-Thru®

This top of the line drum auger features a rugged steel drum and an easy to hold grip handle to clear clogged sinks and tubs while keeping the operator's hands clean. The 1/4" (6 mm) hollow snake is contained in the drum keeping it away from kitchen counters and bathroom surfaces. The spindle on the back allows users to connect it to a drill to make the job faster and easier.



Case Pack: 6
Catalog Number 15CL

Clog Chaser®

A more compact, economical version of the Spin-Thru. the Clog Chaser holds 15 ft. (4.6 m) of 1/4" (6 mm) hollow snake. Molded from attractive high density orange plastic, it has a comfortable grip handle.



Flat Sewer Rod

Catalog Number 50B

A sturdy tool for cleaning drain lines, the durable tool is made of oil tempered steel to resist rusting and kinking. The 1/2" x 1/6" x 50 ft. rod is bolted to the frame at the back, so it can't spring out of the frame when you need the end. A comfortable, efficient grip handle makes the work go faster.

Drain Flusher

Just attach the Drain Flusher to a garden hose and slide it into the drain. Water expands the flusher to the size of the pipe. Then, water pressure pushes the stoppage down the line. Made of tough reinforced nylon to resist punctures, the Flusher is far more durable than rubber.

And it's equipped with a back-flow preventer on the inlet side. The narrow profile and internal flat spring help work the Drain Flusher around bends.



Catalog Number

Size

1.5DF	1-1/2"
2.5DF	2-1/2"
3DF	3"
4DF	4"
6DF	6"

BD Drain Gun™



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Ideal for the home handyman, the economical BD Drain Gun power drain cleaner an easy to use tool for clearing clogged sinks, tubs and laundry drain lines up through 3" in diameter. Cables are gripped securely by a Quick-Grip™ chuck. The patented chuck tightens firmly on the cable with just a quarter turn. Three chuck jaws securely hold Flexicore® cable for a wide range of small-line jobs.

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 durable high impact plastic housing can't rust or crack. The drain cleaning machine comes with 25 ft. of 1/4" Flexicore® cable.



Catalog Number BD-J

VersaPlunge®

Prevent Splash Back



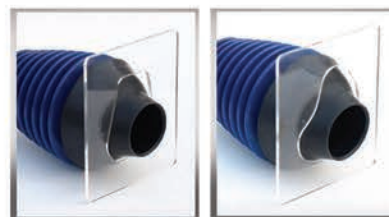
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The VersaPlunge is not your father's plunger. With its patented VersaFlange™, an extremely pliable cone, the VersaPlunge plunger easily conforms to just about any shaped toilet bowl opening, creating a tight seal in virtually any toilet design.

Traditional plungers, by contrast, have round ends – poorly sealing the bowl opening and producing splash-back. VersaPlunge sports a convenient relief valve in the handle to minimize overflow. And its super-compressible, accordion-style bellows lets you apply extra force on stubborn stoppages.

VersaPlunge is extremely versatile, too. Roll up the VersaFlange end – and make a flat bottom to clear sinks, tubs, and other drain openings.



The VersaPlunge clears clogs faster with no splashback!

Hot-Shot®

Thaws Frozen Pipes Quickly

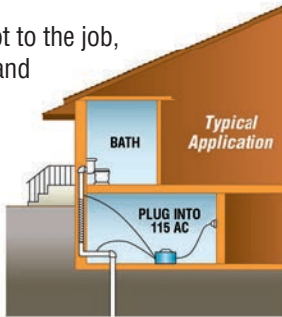


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No more tearing up floors, breaking through walls, or digging up pipes in frozen ground. Eliminate hazardous blow torches. With the safe Hot-Shot pipe thawer, you can accomplish the job faster and easier – and save time and money.

Easy to Operate

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



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



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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.



Flood Guard™

Prevent Basement Flooding



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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	Description	Per Carton
2FH	2" Float Model	4
3FH	3" Float Model	6
4FH	4" Float Model	6
S3FH	3" Stand Pipe Model	6
S4FH	4" Stand Pipe Model	6

EasyReach™

Picks up Everything from Dimes to Bricks



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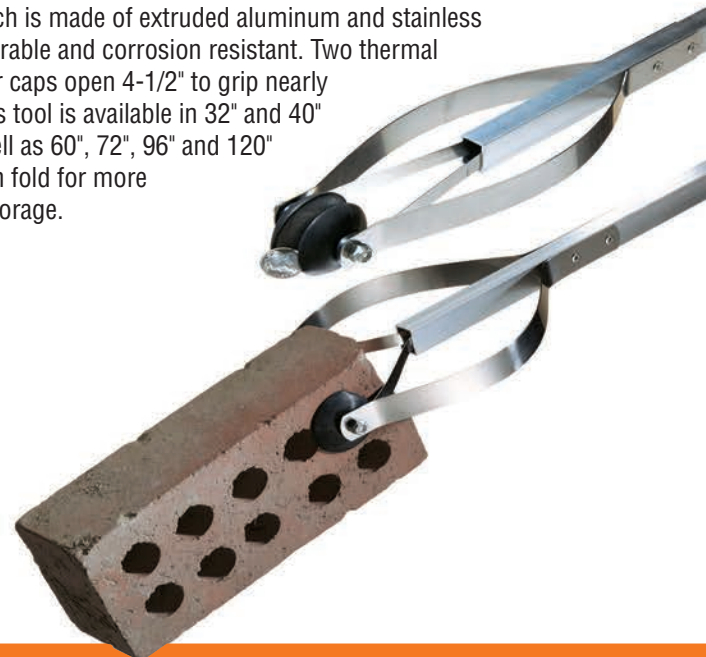


You'll find dozens of uses for this labor-saver, like cleaning traps and manholes of rocks and debris, grabbing objects from hard to get at places, and changing light bulbs. You can even retrieve golf balls from ponds and pick fruit from trees.

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.

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



AutoCut®

Copper Tubing Cutter

AutoCut® copper tubing cutters are 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. Or you can easily handle close stub-out work. And it's quicker than conventional copper tubing cutters.

Just snap it onto 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.



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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 copper tubing cutters have long-lasting hardened steel cutting wheels that are easy to replace when the time comes. Keep all three in your toolbox. Watch out though, they'll spoil you.



AutoCutPL®

Plastic Tubing Cutter

The compact, convenient AutoCutPL® plastic tubing cutter is an easier way to cut plastic tubing. It makes clean, uncrushed, square cuts quickly – and with less effort!

It fits in the palm of your hand. Great for easy use in tight spaces, AutoCutPL® lets you cut both PEX and CPVC-CTS plastic tubing with less than one inch of clearance!

Just remove the blade guard and close the gate over the tube. Then turn AutoCutPL® in the direction of the arrows as you evenly squeeze the gate closed. Easier to use than conventional plastic tubing cutters, it cuts plastic tubing in as little as one rotation! You get a clean, uncrushed, square cut – with no burrs!

Get hundreds of cuts with accuracy and ease. The handy blade guard protects your fingers – and the easily replaceable AutoCutPL® blade – from workplace and toolbox damage.



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AutoCutPL® comes in three sizes – 1/2", 3/4", and 1" – for PEX and CPVC-CTS tubing. Keep all three in your toolbox!

General's Limited Warranty

General's drain cleaning machines, Jet-Set water jets, Gen-Eye Micro-Scope, Gen-Eye LE Water Leak Locators, Flexi-Rooter, and Cold-Shot Pipe Freeze Kits carry a one-year limited warranty against defect or breakage except as noted below.

Gas engines used on the Jet-Set water jets carry a three-year warranty against defect or breakage. The Hot-Shot pipe thawing machines and all other Gen-Eye Inspection/Location Systems carry a two-year limited warranty (except the LCD monitor which is warranted for one-year) against defect or breakage. 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 within a one year 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. 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, flexible shaft, 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 the 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 under this warranty.

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

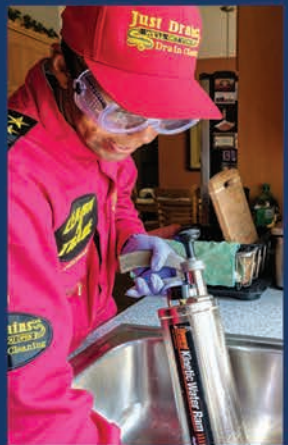
1. Return the part to your distributor, and have them notify us immediately with complete information about the problem.
2. For power machines, we must have the serial number, the date of purchase, and the name of the distributor from whom your machine was purchased. To activate your warranty, your warranty card must be filled out and sent to use immediately after your machine is purchased.
3. We will then advise your distributor 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 those 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 allow exclusion of limitation of incidental or consequential damages, so these limitations may not apply to you.

General Wire Spring Co.

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McKees Rocks, PA 15136 USA
www.drainbrain.com



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