Sewermatic 100™
Operating Instructions

For 3” through 10”
(75mm—250mm)

Your Sewermatic is designed to give you years of trouble-free, profitable service. However, no machine is better than its operator.

Read, understand and follow all safety warnings and instructions provided with the product. Failure to follow the warnings and instructions may result in electric shock and/or serious injury. Save all warnings and instructions for future reference.

SAVE THESE INSTRUCTIONS!

General
PIPE CLEANERS

GENERAL SAFETY RULES

WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury. Replacement manuals are available upon request at no charge, or may be downloaded from our website, www.drainbrain.com. Instructional videos are available for download on our website, and may be ordered. If you have any questions or problems, please call General's customer service department at 412-771-6300.

SAVE THESE INSTRUCTIONS!

These instructions are intended to familiarize all personnel with the safe operation and maintenance procedures for the Sewermatic 100.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.

WARNING

WARINING indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a hazard with a low level of risk which, if not avoided, will result in minor or moderate injury.

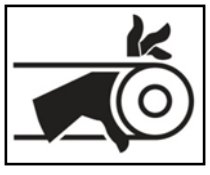
WARNING

Electric shock resulting in death can occur if you plug this machine into an improperly wired outlet. If the ground wire is electrified, you can be electrocuted by just touching the machine, even when the power switch is off. A ground fault circuit interrupter will not protect you in this situation. Use a UL approved tester to determine if the outlet is safe.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust of fumes.

Only wear leather gloves. 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.

Always wear safety glasses and rubber soled, non-slip shoes. Use of this safety equipment may prevent serious injury.



Never operate machine with belt guard removed. Fingers can get caught between belt and pulley.

Do not overstress cables. Overstressing cables may cause twisting, kinking, or breaking of the cable and may result in serious injury.

GENERAL SAFETY RULES

Work Area

1. **Keep work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

Electrical Safety

1. **Grounded tools must be plugged into an outlet, properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adapter plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded.** If the tool should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.
2. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.
3. **Do not expose power tools to rain or wet conditions**. Water entering a power tool will increase the risk of electric shock.
4. **Do not abuse the cord**. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
5. **When operating a power tool outside use an outdoor extension cord marked "W-A" or "W" .** These cords are rated for outdoor use and reduce the risk of electric shock.
6. **Test the Ground Fault Circuit Interrupter (GFCI) provided with the power cord to insure it is operating correctly before operating machine.** Machine must have a properly functioning ground fault circuit interrupter on the power cord. GFCI reduces the risk of electric shock.
7. **Only use proper three-wire extension cords in good condition which have three-prong grounding plugs and three-pole receptacles which accept the tool's plug.** Use of damaged, inferior, or other extension cords will not ground the tool. Increases the risk of electric shock and bodily injury or death.
8. **Extension cords are not recommended unless they are plugged into a Ground Fault Circuit Interrupter (GFCI)** found in circuit boxes or outlet receptacles. The GFCI on the machine power cord will not prevent electric shock from the extension cords.
9. **Keep all electric connections dry and off the ground**. Reduces the risk of electric shock.
10. **DO NOT touch plugs or tools with wet hands.** Reduces the risk of electric shock.

Personal Safety

1. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
2. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
3. **Avoid accidental starting. Be sure switch is off before plugging in.** Plugging in tools that have the switch on invites accidents.
4. **Remove adjusting keys or switches before turning the tool on.** A wrench or key that is left attached to a rotating part of the tool may result in personal injury.
5. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.
6. **Use safety equipment. Always wear safety glasses and rubber soled, non-slip shoes**. Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

Tool Use and Care

1. **Use clamps or other practical way to secure and support the workpiece to a stable platform. Do not force tool**. Holding the work by hand or against your body is unstable and may lead to loss of control.
2. **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
3. **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
4. **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.** Such preventative safety measures reduce the risk of starting the tool accidentally.
5. **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
6. **Maintain tools with care.** Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
7. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation**. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.

8. **Only use accessories that are recommended by the manufacturer for your model**. Accessories that may be suitable for one tool may become hazardous when used on another tool.

Service

1. **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified repair personnel could result in injury.
2. **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES

1. **Only wear leather gloves**. 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.
2. **Never operate machine with belt guard removed**. Fingers can get caught between belt and pulley.
3. **Do not overstress cables**. Keep leather-gloved hand on the cable for control when machine is running. Overstressing cables because of an obstruction may cause twisting, kinking, or breaking of the cable and may result in serious injury.
4. **Place the machine at a distance not greater than two feet from the opening**. Greater distances can result in cable twisting or kinking.
5. **Machine is designed for ONE-PERSON operation.** Operator must control foot switch and cable.
6. **Do not operate machine in reverse (REV).** Operating machine in reverse can result in cable damage and is used only to back cutting tool out of an obstruction.
7. **Keep hands away from rotating drum.** Do not reach into drum unless machine is unplugged. Hand may be caught in the moving parts resulting in serious injury.
8. **Be careful when cleaning drains where cleaning chemicals have been used.** Avoid direct contact with skin and eyes. Drain cleaning chemicals can cause serious burns as well as damage the cable.
9. **Do not operate machine if operator or machine is standing in water**. Will increase risk of electrical shock.
10. **Wear safety glasses and rubber soled, non-slip shoes.** Use of this safety equipment may prevent serious injury.
11. **Before starting each job, check that the cable in the drum is not broken or kinked, by pulling the cable out and checking for wear or breakage**. Always replace worn out (kinked or broken) cables with genuine GENERAL replacement cables.
12. **Only use this tool in the application for which it was designed. Follow the instructions on the proper use of the machine.** Other uses or modifying the drain cleaner for other applications may increase risk of injury.

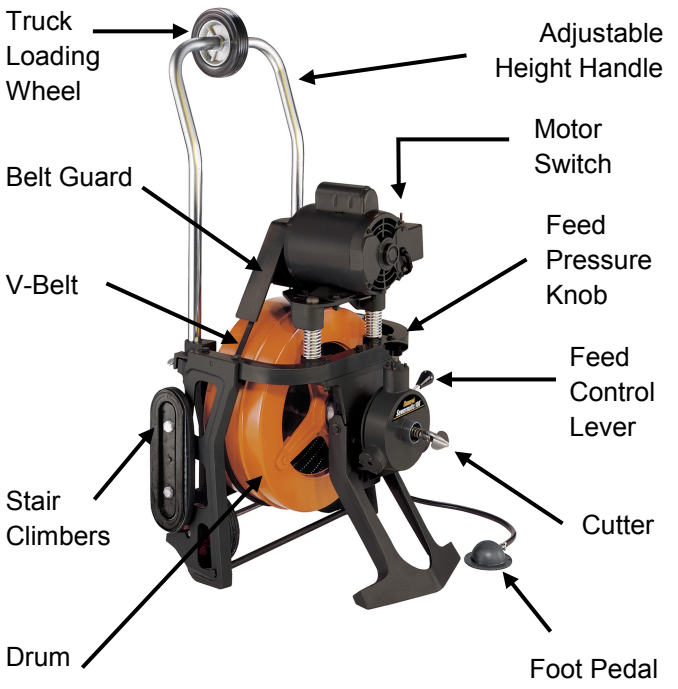
Ground Fault Circuit Interrupter (GFCI)

Your machine is equipped with a ground fault circuit interrupter, which protects you against shock if a short circuit should occur. Check that receptacle is properly grounded. Test the GFCI before each use.

1. Plug into 120-volt receptacle.
2. Push test button. Indicator light will go out and power to machine should cut off.
3. If light does not go out when test button is pushed, equipment should not be used until proper repairs can be made.
4. To restore power after test, push reset button. With the reset button depressed, if the machine doesn't start, stops while running, or if the operator experiences a mild shock, **do not use the machine!** Tag the machine out of service and take it to a motor repair center or return it to the factory for repairs.

THE SECTION OF CORD BETWEEN THE WALL PLUG AND THE GFCI IS NOT IN THE PROTECTED CIRCUIT.

FEATURES



Sewermatic 100 shown (Right) with Cable Guide Tube (Cat. # ST1-GT)

Cable Application Chart (Table 1)

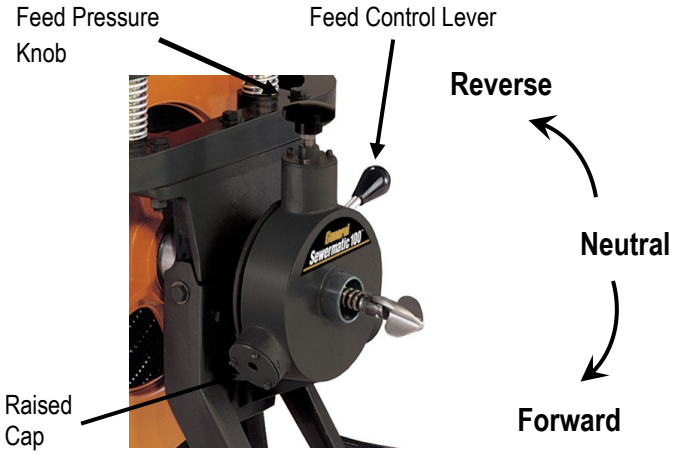
Cable Size	Pipe Size	Typical Applications
3/4”	4” to 10”	Large Drains, Long Runs, Roots
5/8”	3” to 6”	Floor Drains, Roots

Cutter Application Chart (Table 2)

Cutter	Cat. #	Typical Applications
Spear Head 	SHD	Starting Drill—gets water flowing.
2” U-Cutter 	2UC	For Cutting and Scraping
3” & 4” Side Cutter Blades 	3SCB & 4SCB	For Cutting—Scraping walls of pipe.
3” Heavy Duty Saw Blade 	3HDB	For Cutting Roots
4” Rotary Saw Blade 	4RSB	For Cutting Roots
Large Retrieving Tool 	RTR-2	For removing loose objects or broken cables.
26” Flexible Leader	LE-3	Helps cable get through tight traps and bends.

Note: There are no fixed rules for what cutter to use. If one tool doesn’t take care of a stoppage, simply try another.

POWER CABLE FEED



OPERATION

SET-UP

MAKE SURE THE MOTOR SWITCH IS IN THE ‘OFF’ POSITION!

1. The Sewermatic 100 handle can be raised or lowered quickly by loosening the two knobs at the sides of the rear frame casting. Retighten knobs to secure handle. The handle should be slid down and locked in position so that the legs of the handle are on the floor during operation. (See photo below.)

2. Place machine at a distance not greater than two feet from the drain opening. Make sure the Sewermatic 100 Guide Tube (ST1-GT) is in place. If you can’t place the machine this close to the drain opening, run the cable through the optional Guide Tube Extension (GTE) or a metal guide tube to prevent cable whipping.
3. Position the air foot pedal for easy accessibility. The machine is designed for one-person operation. Be sure you can quickly remove your foot from the pedal in an emergency. Be sure the motor switch is in the **off** position.
4. Make sure the Power Cable Feed is set to match the cable size you have selected. The feed should be assembled with the raised side of the lower two caps outward.
5. Select the proper cutting tool (See Cutter Application Chart—Table 2). A good tool to start with is the Spearhead or 2” U-Cutter. If you are having difficulty getting around a P-Trap or close bend, try the flexible leader (LE-3). After the line has been opened, follow with larger blades, which scrape the inside edges of the pipe, assuring a real cleaning job.
6. Insert the cutter into the female connector at the end of the cable and tighten the connecting screw and lock washer **firmly** in place.

Hint: Some users “mix” their cutters on certain jobs. For instance, they use one 3” Side Cutter Blade with one 4” Side Cutter Blade. This combination is especially good when working through 4” P-Traps.

OPERATION

1. Before stepping on the foot pedal, pull cable from the drum and slide it into the drain as far as it will go.
2. Tighten the knob at top of the Power Cable Feed so that the feed roller presses against the cable. Be sure not to over tighten since this could cause excess cable wear.
3. The feed lever controls the feeding rate and direction of the cable. Move the lever down to feed cable out of drum. The further the lever is moved downward, the faster the cable will feed out. Move lever up to retract cable into drum. When the lever is in the middle (neutral) position, cable will spin in place.
4. Move the motor switch to the **forward** position.
5. With a gloved hand on the Guide Tube, depress the air foot pedal to start machine. Feed the cable into the line and against the obstruction with a firm, even pressure. Adjust the feeding rate to the resistance met. Do not force the cable - let the cutter do the work. The job won't go any faster and you could damage the cable.
6. Don't leave too much slack in the cable since this will cause whipping. If the cable starts to bend or build up too much twist, release pressure on the foot pedal and rotate the drum in the opposite direction to relieve the twist on the cable. Push any excess cable back into the drum and then continue.
7. If you're having trouble getting around tight bends, try putting the machine in reverse while applying steady pressure. **Don't do this for more than a few seconds at a time since this could cause tangling in the drum or kinking.**
8. If you still can't get around the bend, you're probably using too large a cable. Switch to a 5/8" diameter cable. (See Cable Application Chart—Table 1)
9. When the cable reaches the stoppage, allow the cable to progress forward slowly, chewing into the stoppage as it goes. This slow forward movement will reduce stress on the cable while doing a more thorough cleaning job. A back and forth action often works best.

Hint: It's often helpful to have a small stream of water running in the line to wash the cuttings away while the machine is in operation and after.

10. Be careful not to let the cutter get caught in the stoppage as you work through it. This can cause kinking and breaking of the cable. When you feel the cable starting to twist in your hands, stop the machine and retract the cable. This will free the cutter from the obstruction. Then allow the cable to move forward slowly into the stoppage. Remember, no cutting takes place when the blades stop turning.
11. After the line has been opened, retract the cable by moving the feed lever up. Make sure the motor switch is in the **forward** position. This is important to prevent the cable from tangling in the drum or in the line.
12. When the cutter is near the drain opening, take your foot off the pedal to stop drum rotation. Never retract the cutter from drain while cable is rotating. The cable could whip and cause serious injury.

DO NOT USE REVERSE TO PULL THE CABLE OUT OF THE DRAIN. RUNNING MACHINE IN REVERSE CAN CAUSE THE CABLE TO TANGLE IN THE DRUM.

SPECIAL OPERATIONS

IF CABLE GETS CAUGHT IN LINE

The motor can be reversed to free the cable if it gets caught in line. (Note: if using Power Cable Feed, putting motor in reverse will cause the feed control lever to operate opposite of normal.)

1. Move motor switch to the reverse position.
2. Depress the foot pedal while pulling on the cable.
3. After cable is loose, move switch back into forward position.

DO NOT RUN MOTOR IN REVERSE FOR MORE THAN A FEW SECONDS AT A TIME SINCE THIS COULD CAUSE THE CABLE TO KINK OR TANGLE IN THE DRUM.

IF CABLE TANGLES IN DRUM

This is caused by using too much pressure when feeding the cable or feeding the cable into the line while running the machine in reverse. To untangle the cable, rotate the drum in opposite direction. This will usually get the cable to lie in the drum properly.

If the cable has become badly tangled, which shouldn't occur if used properly, it can be straightened out by removing the distributor tube from the machine. To do this:

DISCONNECT MACHINE FROM POWER SOURCE BEFORE UNTANGLING CABLES

1. Remove drum from machine frame. (See TO CHANGE DRUMS.)
2. Set drum down so that distributor tube is pointing up. Loosen the four bolts holding the star casting of the drum shell. The tension of the cable will force the tube and star shaped casting forward as you remove the bolts, so keep some pressure against the cable as you pull the tube out.
3. Slide the star casting off of the distributor tube. Then, slide the distributor tube off of the shaft and out of the drum. After tube is out, pull out enough cable to eliminate the tangle.
4. After the cable is straightened out, slide the distributor tube back so that the back of the distributor tube fits over the shaft in the center of the drum. Keep pressing down on the distributor tube as you attach star casting to drum shell. You can now put the drum back on the machine.

TO CHANGE DRUMS

DISCONNECT MACHINE FROM POWER SOURCE BEFORE REMOVING OR INSTALLING DRUM!

1. Remove the cutter from the end of the cable.
2. Remove belt guard by pulling straight back from its base.
3. Push down on the motor and slip belt off of drum.
4. Be sure drum shaft latch is in groove at rear of drum shaft.
5. Loosen thumbscrews on latches at rear of machine, while keeping on e hand on handle. Swing latches to the side.
6. Hold handle firmly on each side of the wheel. Pull up and back. This will remove the drum and rear section of the frame from the rest of the machine.
7. To remove drum from rear frame, tip drum forward gently until it is supported by the section of cable extending out of it.
8. Loosen knob and slide drum shaft latch at back of drum up and out of grove in drum shaft. Then, lift the rear frame off of the drum.

9. Reverse the procedure to install a drum on the Sewermatic 100. Be sure the drum V-Belt is resting on the motor pulley before starting. After the drum is back on the machine, reposition the V-Belt and rotate drum by hand to see that the belt id properly centered. Then, push down motor and slide V-Belt over pulley. Remember to put belt guard back into place.

TO INSTALL CABLE IN DRUM

DISCONNECT MACHINE FROM POWER SOURCE BEFORE INSTALLING CABLE IN DRUM!

To install cable in the drum, simply connect the male end of the cable to the drum connecting cable, which is already attached to the drum. Then remove the drum V-Belt and turn the drum clockwise, while pushing cable into the drum.

Note: The cable should lay in the drum in a clockwise direction.

MAINTENANCE

DISCONNECT MACHINE FROM POWER SOURCE BEFORE PERFORMING MAINTENANCE ON MACHINE!

To keep your machine operating smoothly, it is essential that all bearings and distributor tube bushings be lubricated. Oiling moving parts is particularly important where machine comes in contact with sand, grit and other abrasive material.

CABLE MAINTENENCE

To get maximum service from your cables, be sure that they are clean and well oiled. This not only provides running lubrication but greatly extends the life of the cables as well. Some users periodically pour oil directly into the drum. Then, as the drum turns, the cables get complete lubrication. Our SNAKE OIL is ideally suited for this purpose, since it not only lubricates the cables, it deodorizes them as well.

FEED MAINTENANCE

Keep feed free of excessive soil and grit. It is recommended that the feed be flushed with fresh water followed by a light oiling of the moving parts. No disassembly is normally required. Failure to feed can usually be traced to the following possibilities:

DIRT ACCUMULATION

Over time, dirt can harden enough to stop roller rotation. Flushing with water followed by liberal oiling can usually restore function. If disassembly is required, proceed as follows:

1. Remove the feed tension knob, springs and spring plunger. Note the positioning of these parts to ease re-assembly. The top roller can now be removed.
2. Remove the snap rings and thrust washers from the bottom housing cylinders. The bottom rollers can now be removed.
3. Re-assembly is done in reverse order.

DAMAGED ROLLER

Excessive use may wear a roller to the point of failure. It is recommended that all three rollers be replaced at the same time (Cat # PO-703).

TANGLED CABLE

If a cable loops over itself in the drum, it will not feed properly. Remove and reload the cable to restore function. If the cable kinks, it is evidence of abuse and results from the use of too much pressure or use of the wrong size cable for the line. Do not force the cable — let the cutter do the work.

TROUBLE SHOOTING GUIDE (Table 3)		
Problem	**Probable Cause**	**Solution**
Cable kinks or breaks.	Operator forcing the cable.	Do not force the cable. Let the cutter do the work.
	Too much slack between machine and drain.	Allow no more than two feet between machine and drain.
	Cable used in wrong size drain line.	A cable that is too large or too small in diameter for a line is more likely to kink. (Consult Table 1—Cable Applications.)
	Cable exposed to acid.	Clean and oil cables regularly.
Cable tangles in drum.	Operator forcing the cable.	Do not force the cable. Let the cutter do the work.
	Machine running in reverse.	Do not run the machine in reverse to retract the cable from the drain.
	Distributor tube frozen.	Lubricate distributor tube bushings.
Drum stops while foot pedal depressed.	Hole in pedal or hose.	Replace as required.
	Hole in diaphragm switch.	If no hole found in pedal or hose, replace diaphragm switch.
Drum turns in one direction but not other.	Reverse switch failure.	Replace switch.
Ground fault circuit interrupter trips and will not reset.	Damaged power cord or extension cord.	Replace cords.
	Short circuit in motor.	Take motor to authorized repair center.
	Faulty ground fault circuit interrupter.	Replace ground fault circuit interrupter.
Failure to feed.	Cable tangled in drum.	Do not run machine in reverse. Use proper cable size. (Consult Cable Application Chart—Table 1).
	Feed misadjusted.	If feed tension knob is too loose the cable will slip. If it is too tight the feed rollers will wear prematurely.
	Feed roller frozen.	Clean and lubricate feed rollers regularly. Replace worn rollers.
	Worn cable.	When cable coils wear flat, cable should be replaced.

Sewermatic 100 Parts List

CAT. NO.	DESCRIPTION
STC-100-2	Complete Frame Assembly ●
STC-101	Front Leg Casting ○
STC-101-2	Front Leg Casting ●
STC-102-1	Right Side Leg Casting ■
STC-102-2	Right Side Leg Casting ●
STC-102-A	Locking Hinge for 5/16" Screw
STC-102-A-1	Locking Hinge for 3/8" Screw
STC-102-B	5/16" Thumb Screw
STC-102-B-1	3/8" Thumb Screw
STC-102-C	Locking Hinge Pivot Screw
STC-103-1	Left Side Leg Casting ■
STC-103-2	Left Side Leg Casting ●
STC-103-A	Locking Hinge for 5/16" Screw
STC-103-A-1	Locking Hinge for 3/8" Screw
STC-103-B	5/16" Thumb Screw
STC-103-B-1	3/8" Thumb Screw
STC-103-C	Locking Hinge Pivot Screw
STC-104	Saddle Casting ○
STC-104-2	Saddle Casting ●
STC-104-A	Motor Support Set Screw
STC-104-B	Pressure Plate
STC-104-C	Pressure Plate Screw
STC-104-D	Front Belt Guard Locking Screw
STC-104-E	1-3/4" x 1-1/2" Diameter Bushing
STC-104-F	1" x 1-1/2" Diameter Bushing
STC-104-H	Steel Bearing
STC-104-J	Grease Retainer □
STC-104-K	Guide Pins
STC-105-1	Hinged Drum Support Casting ■
STC-105-2	Hinged Drum Support Casting ●
STC-105/116	Hinged Drum Support Casting & Handle Asmbly
STC-105-A	Pillow Bearing and Screws
STC-105-B	Handle Locking Thumb Screw (2)
STC-105-B-1	Handle Locking Plastic Thumb Screw (2)
STC-105-C	Drum Latch, Nut, Bolt & Washer ★
STC-105-C-1	New Style Drum Latch ‡
STC-105-D	Drum Latch Retaining Spring ★
STC-105-E	Drum Latch Plastic Locking Screw ‡
STC-106	Square Tubular Frame Member
STC-107	Stair Climber
STC-107-A	Stair Climber Nut & Bolt (2)
STC-108	6" Wheel
STC-109	Axle & Allen Screw
STC-109-A	Wheel Locking Ring
STC-110-2	Motor Support Post (2) □
STC-111	1-3/4" Frame Screw (7)
STC-113	2'1/4" Frame Screw (4)
STC-114	1" Frame Screw (2)
STC-115	3/8" Nut (4)

CAT. NO.	DESCRIPTION
STC-116-1	Complete Handle Assembly ‡
STC-116-A-1	Right Handle
STC-116-B-1	Left Handle
STC-116-C	6" Handle Wheel
STC-116-D	Handle Wheel Axle
STC-116-F-1	Rubber Leg Tip for Handle (2)
STC-116-G	Handle Stop Bolt & Lock Nut (2)
STC-117	Front Belt Guard
STC-118	Cam Assembly Complete Ω
STC-118-2	Motor Support Springs (2) ●
STC-118-A	Plastic Knob
STC-118-D	Support Angle
STC-118-F	Cam
ST-119	Leg Support Rod
STC-119-A	3/4" x 3/8" Bolt (2)
STC-200	Drum Complete (Incl. Distributor Tube & Drum Connecting Cable)
STC-201	Drum Shell
STC-202	Distributor Tube w/Bushings & Locking Screws
STC-202-A	Beveled Bushing for Distributor Tube
STC-202-B	Rear Bushing Distributor Tube
STC-202-C	1" x 2-5/8" Dia. Bushing for Dist. Tube
STC-202-D	Cable Locking Set Screw
STC-203	Front Drum Casting
STC-204-1	Drum Hub Casting
STC-205-1	3/8" Bolt, Nut & Washers (8)
STC-208-1	Drum Support Shaft
STC-208-A	Support Shaft Fiber Washer Front
STC-208-B	Support Shaft Fiber Washer Rear
STC-209	2-3/4" Fiber Washer
STC-210	Drum Connecting Cable & Lug
STC-210-A	Connecting Cable Bolt, Nut & Washer
STC-600-6	3/4 HP Double Shaft Motor w/Rev. Switch & Foot Switch Asmbly & GFCI ○
STC-600-7	3/4 HP Single Shaft Motor w/Rev. Switch & Foot Switch Asmbly & GFCI ●
STC-601	Drum V-Belt (59")
STC-602	Motor Support Bolt (4)
STC-603	Motor Support Washer (4)
STC-604	20 ft. Power Cord w/GFCI
STC-605-6	Compete Rev. Switch & Air Foot Switch Asmbly ♦
STC-605-6-A	Box Only w/Cover & Screws
STC-605-6-B	Foot Pedal & Hose
STC-605-6-C	Cable Tie
STC-605-6-D	Foot Pedal Only
STC-605-6-E	Power Switch Diaphragm
STC-605-6-F	Air Hose
STC-605-6-G	Reverse Switch Only - 3-Way
STC-605-6-J	Barbed Adapter
STC-605-6-N	Strain Relief Nut
STC-609	Front Motor Pulley
STC-610	Front V-Belt (36")
STC-611	Motor Support Casting

● Part for Serial # S18K111 & Up
○ Part for Serial # Up to ST8R611
■ Part for Serial # 08387 to ST8R611
□ Part for Serial # BST-384 & Up
★ Part for Serial # up to 08386
‡ Part for Serial # 08387 & Up
♦ Part for Serial # 08508 & Up
Ω Part for Serial # BST-384 thru ST8R611

Sewermatic 100 Parts List Continued

CAT. NO.	DESCRIPTION	CAT. NO.	DESCRIPTION
STC-612	Cord Holder	STC-702	Inner Clutch Body
STC-616	Cord Clamp	STC-702-A	Reinforcing Ring
STC-617	Cord Clamp Screw (2)	STC-702-B	Clutch Cover Screws (2)
STC-618	Rear Motor Pulley	STC-702-C	Cable Guide Aligning Ring
STC-619-1	Rear Belt Guard	STC-702-D	Clutch Body Set Screw (2)
STC-619-A	Retaining Spring for Rear Belt Guard	STC-703	Universal Cable Guide Set, 2 pcs.
STC-619-B	Belt Guard Retaining Strap	STC-704	Cone Springs (2)
PO-ST1/GT	Power Cable Feed & Guide Tube ●	STC-705	Clutch Shaft
ST1-GT	Guide Tube ●	STC-707	Clutch Cam Casting Steel Plate
GTE	Guide Tube Extension	STC-708	Clutch Pulley w/Thrust Bearing
STC-700	Clutch Assembly ○	STC-708-A	Clutch Pulley Set Screw (4)
STC-700-A	Assembled Clutch Assembly ○	STC-708-B	Clutch Pulley Thrust Bearing
STC-701	Clutch Cone w/Thrust Bearing	STC-709	Clutch Cam Casting
STC-701-A	Thrust Bearing & Races	STC-710	Clutch Lever & Knob
STC-701-B	Thrust Bearing Retaining Ring	STC-711	Clutch Cam Follower
		STC-712	Cam Follower Guide Stud & Lock Nut (2)
		STC-713	Clutch Cover
		TB-STC	Tool Box
		STC-DECAL	Set of Safety Decals

● Part for Serial # S18K111 & Up

○ Part for Serial # Up to ST8R611

■ Part for Serial # 08387 to ST8R611

☐ Part for Serial # BST-384 & Up

★ Part for Serial # up to 08386

‡ Part for Serial # 08387 & Up

♦ Part for Serial # 08508 & Up

Ω Part for Serial # BST-384 thru ST8R611

For a complete list of Power Cable Feed Parts, please see www.drainbrain.com.

FOR MORE INFORMATION
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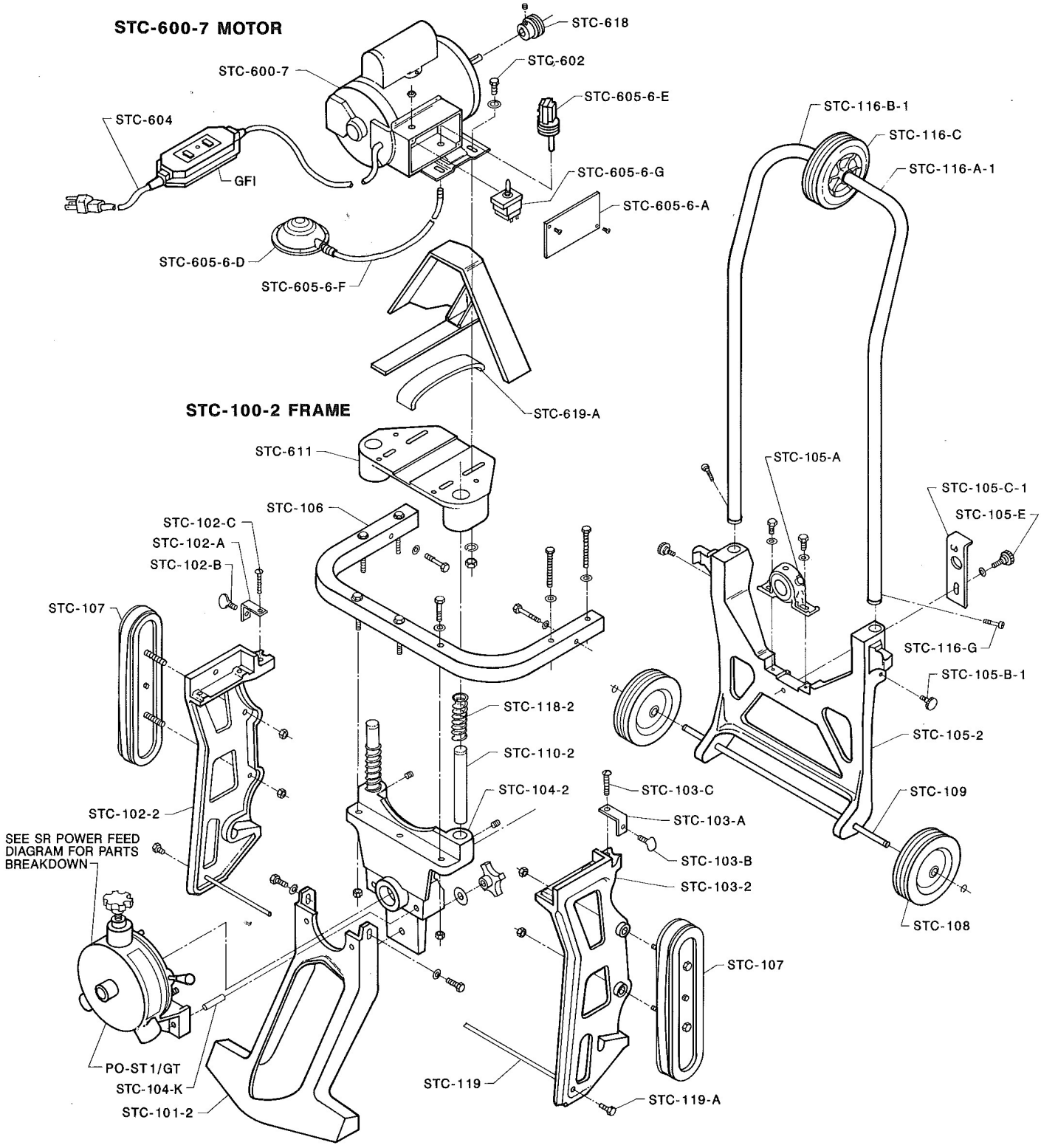
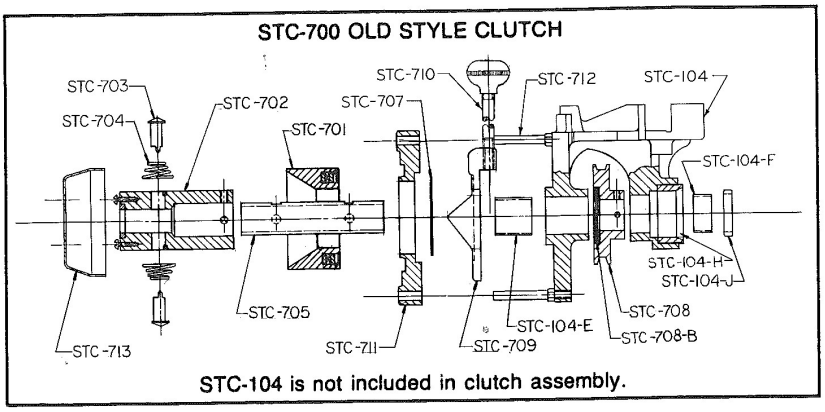
General PIPE CLEANERS

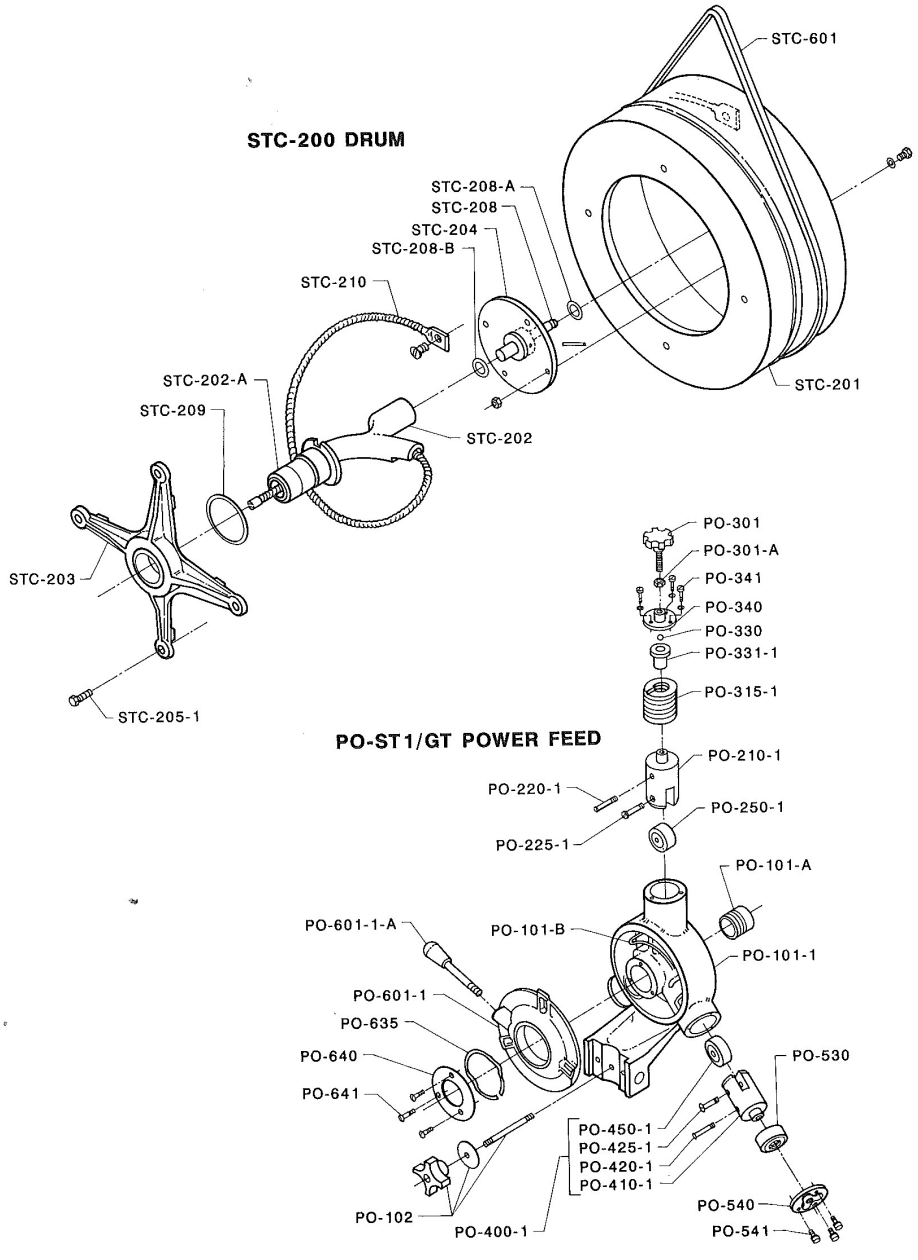
412-771-6300 or 800-245-6200
www.drainbrain.com
info@drainbrain.com

SEWERMATIC 100

SCHEMATIC DIAGRAM







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