

General No. 25 and D-25 Handy™ Operating Instructions

For 1-1/4" through 3" lines
(30mm—75mm)

No. 25 Handy



D- 25 Handy



This tool 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!

- *Pour français voir la page 5*
- *Para ver el español vea la pagin  9*

General
PIPE CLEANERS

GENERAL SAFETY INSTRUCTIONS



WARNING
 Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in death or serious injury.

WARNING! 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.

If you have any questions or problems, please call General's customer service department at 412-771-6300.

WARNING



Electric shock resulting in death can occur if you plug your drill 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.



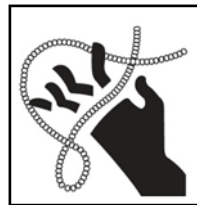
Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.



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.



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

SAVE THESE INSTRUCTIONS!

These instructions are intended to familiarize all personnel with the safe operation and maintenance procedures for the No. 25 & D-25 Handy.



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

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

CAUTION

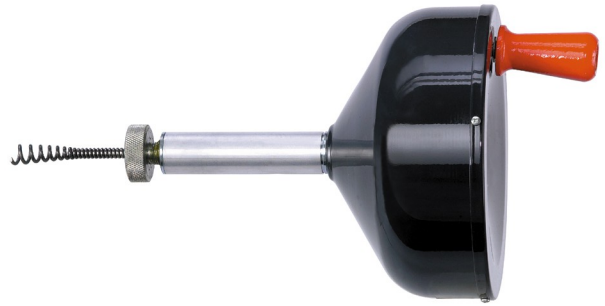
CAUTION indicates a hazard with a low level of risk which, if not avoided, will result in minor or moderate injury.

Specific Safety Information

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. **Be sure that your drill is plugged into a properly grounded receptacle.** If in doubt, check receptacle before plugging in tool. Check the power cord to see that there are no cuts or frays, and that the grounding prong on the plug is still in place.
3. **If the power cord supplied with your drill is not long enough, be sure to use a 16 gauge heavy duty extension cord no more than 50 feet long and in good condition.** Using lighter cords can result in severe power loss and motor overheating.
4. **Place the tool as close as possible, but not more than six inches from the opening.** Greater distances can result in cable twisting or kinking.
5. **Tool is designed for ONE-PERSON operation.** Operator must control trigger switch and cable.
6. **Never take hold of a rotating cable.** Pull the cable out, or push it back into the container by hand only when the drill is stopped. When the drill is turning, always have one hand controlling the trigger switch and the other hand around the grip sleeve. Operator's hand may be caught in the moving parts resulting in serious injury.
7. **Be careful when cleaning drains where cleaning chemicals have been used.** Avoid direct contact with corrosive drain cleaners. Drain cleaning chemicals can cause serious burns, as well as damage the cable. Neutralize or remove corrosive drain cleaners in the drain before starting the job.
8. **Do not operate tool with electric drill if operator or tool is standing in water.** Will increase risk of electrical shock.
9. **Wear safety glasses and rubber soled, non-slip shoes.** Use of this safety equipment may prevent serious injury.
10. **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.
11. **Only use this tool in the application for which it was designed.** Follow the instructions on the proper use of the tool. Other uses or modifying the drain cleaner for other applications may increase risk of injury.

Operating Instructions

No. 25 HANDY



1. Place tool as close as possible, but not more than six inches from the drain opening. If you can't place the tool this close to the drain opening, run the cable through a hose or pipe to prevent cable whipping.
2. Loosen the chuck. Insert the cable into the drain opening as far as it will go. Tighten the chuck by turning it in a counter-clockwise direction.



3. Turn the tool clockwise, using a slight forward pressure, until the exposed length of cable enters the drain.
4. Loosen the chuck and pull the container back about six inches.
5. Tighten chuck and repeat procedure until drain is open.
6. When line is clear, retract cable while continuing to rotate the container in the clockwise direction.

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

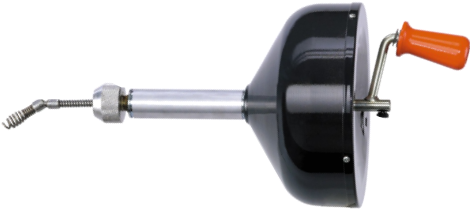
CABLE APPLICATION CHART

Cable Size	Pipe Size	Typical Applications
1/4"	1-1/4" to 2"	Small lines, tubs, and shower drains.
5/16"	1-1/2" to 2"	Sinks, basins, and small drains.
3/8"	2" to 3"	Stacks, toilets, small drains (No Roots).

Cables are available with either a regular basin plug head (as pictured on the No. 25 on cover) or an optional down head (as pictured on the D-25 on the cover) to help the cable get around tight bends.

Operating Instructions

DRILL OPERATION (D-25 HANDY)



1. To use the D-25 Handy manually, follow the instructions for the No. 25.
2. To use with electric drill, remove the turning handle from the top of the container and slide the exposed spindle into the chuck of your 3/8" double-insulated, UL approved drill only. Tighten drill chuck securely.
3. Loosen container chuck. Pull cable from container and insert into drain.
4. Push cable in until resistance is met. Leave not more than six inches of cable between tool and drain opening, then tighten chuck.
5. Grip drill handle securely in one hand, and grip sleeve of D-25 in the other hand before squeezing trigger switch. Drill switch must be in Forward position so that the container turns clockwise.




6. Start with a slight pressure on the trigger for slow speed. As more pressure is applied, the drum will spin faster. With the drill running at the desired speed, push the tool gently towards the drain.

 **DO NOT USE THE CONTINUOUS RUN BUTTON. DRILL SPEED MUST NOT EXCEED 350 RPM.**

7. Release the trigger, loosen the container chuck and pull back container about six inches. Tighten chuck and repeat procedure until the stoppage is reached.
8. When you reach the stoppage, the cable may have difficulty moving forward. Move the tool back and forth until the cable has passed the obstruction.
9. When line is clear, retract cable while continuing to run drill in forward direction. (Container rotates in the clockwise direction.)

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

 **DO NOT USE REVERSE TO PULL THE CABLE OUT OF THE DRAIN. ALWAYS RUN TOOL IN FORWARD. USE REVERSE ONLY TO RELEASE CABLE IF CAUGHT IN LINE.**

Maintenance—All Models

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

 **DISCONNECT TOOL FROM POWER SOURCE BEFORE PERFORMING MAINTENANCE ON TOOL!**

CABLE MAINTENANCE

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.

