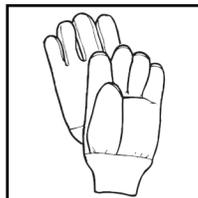


Operating Instructions

⚠ WARNING



Wear gloves provided with machine. Never grasp a rotating cable with a rag or loose fitting cloth glove that may become wrapped around the cable causing serious injury.

Always wear eye protection to protect your eyes against dirt and other foreign objects. Wear rubber soled, non-slip shoes.

Do not use this machine in drains containing drain cleaning compounds. Recommend calling a drain cleaning professional.

⚠ WARNING Always assume the correct operating posture in order to maintain proper balance (*Figure 8*). Should an unexpected situation arise, this posture provides you with the opportunity to safely keep control of the machine and cable.

- Be sure you can quickly remove your foot from the foot switch.
- Hand must be on the cable to control its twisting action when it hits an obstruction.
- Keep hands away from rotating drum and guide tube. Do not reach into drum unless machine is unplugged.



Figure 8 – Proper Operating Position

1. Manually pull a sufficient length of cable out of the drum to start the tool and cable into the sewer inlet.
2. Move FOR/OFF/REV switch into FOR (forward) position. Do not step on the air foot switch pedal at this time.
3. Pull 18" – 24" cable from the machine – enough to form a slight loop – and apply slightly downward pressure with both hands on the cable. Do not force the cable. Allow it to feed itself into the drain.

⚠ WARNING

Before starting machine, both operator's gloved hands must be on cable.

4. Exert sufficient downward pressure on cable to keep it in sewer line while depressing air foot switch pedal to start cable rotating.
5. Pull cable out of drum and allow cable to feed itself into the line. Always keep hand on the cable to feel the tension.
6. Continue to feed the cable into the line until resistance or obstruction is encountered. The condition will generally become apparent to the operator as the cable will have a tendency to twist sideways in the operator's hands.
7. Pull back sharply on the cable to free the cutter and relieve the load on the cable. Slowly advance cable back into the obstruction. Repeat this process until the obstruction is clear. Remember, make sure the cutter is rotating at all times and never force the cable. If motor turns but the drum stops, the torque limiter is slipping because of excessive force. Pull back on cable to relieve torque and drum will begin to spin.

⚠ WARNING

Do not allow tension to build up in the cable. This will happen if the cutting tool hits a snag and stops turning, but the motor and its drum continue to rotate. Torque builds until the cable suddenly twists, potentially wrapping around your hand or arm. This can happen quickly and without warning, so proceed slowly and carefully as you feed the cable into the drain. If tool gets hung up in an obstruction, refer to Reverse Operating Instructions in the "Special Procedures" section.

8. Several passes through thoroughly blocked drain lines are recommended. After establishing drain flow, increase cutter size to thoroughly clean the lines.
9. Push cable into the drum with machine in FOR (forward). The machine should be kept running during the process for thorough cleaning and uniform re-setting of cable in the drum.

NOTE! A continuous flush of water should be used to clean the cable and tool as they are retrieved.

10. When the tool is just inside the sewer inlet, release the air foot switch pedal and allow the machine to come to a complete stop.

⚠ WARNING

Never retract tool from sewer inlet while cable is rotating. Tool can whip causing serious injury.

11. Turn FOR/OFF/REV switch to OFF position and remove cord from power source.
12. Pull the remaining cable and tool from the sewer. Hand feed the cable into the machine.
13. Disengage the kickstands by tilting the machine forward.

Special Procedures

Main Sewer Or Septic Tank Overrun

It is very important to know the approximate distance from inlet to main sewer or septic tank. Over-running cable too far into main sewer or septic tank can allow cables to knot-up and prevent their return.

Reverse Operation

Running machine in reverse will cause premature failure of cable. Use reverse only to free a tool caught in an obstruction. If this should occur, immediately remove foot from air foot switch pedal and allow machine to come to a full and complete stop. Place FOR/OFF/REV switch to REV (reverse) position. If machine has automatic feed, loosen feed knob. Grasp cable with gloved hands and pull while jogging air foot switch pedal. When tool is dislodged and drum has stopped rotating, place

FOR/OFF/REV switch in FOR (forward) position and follow normal operating procedure.

Never operate this machine in REV (reverse) for any other purpose. Operating in reverse can damage a cable and cause serious injury.

Loading The Machine On Vehicle

Tip machine backwards and rest handles on truck bed. Lift up on front of machine and slide onto truck.

⚠ WARNING Use proper lifting technique – lift with your legs, not your back!!

NOTE! Take care not to damage electrical cord or air foot switch hose.

Drum Removal & Installation Procedure

⚠ WARNING

Make sure FOR/OFF/REV switch is in OFF position and machine is unplugged from power source.

1. Push down on motor table handle to release belt tension and slip belt off drum. (Figure 9)
2. Use 3/4" wrench to remove bolt that fastens drum assembly to machine frame. (Figure 10)



Figure 9 – Release Belt Tension

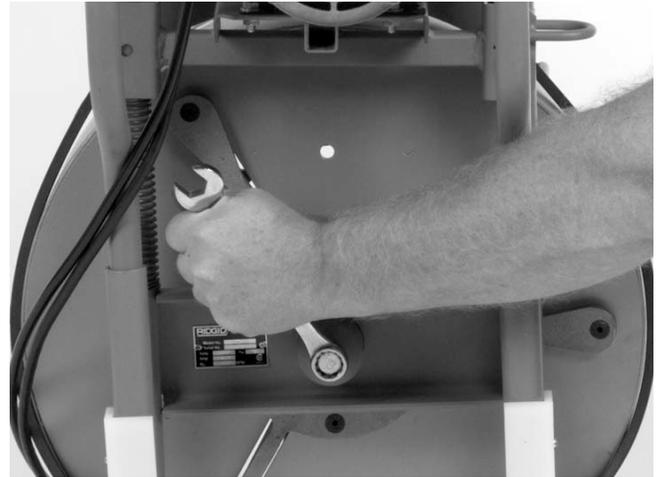


Figure 10 – Remove Bolt Which Fastens Drum Assembly to Machine Frame



Figure 11 – Lift Drum From Mounting Position

3. Lay machine back so that it rests on handles. Grasp drum with both hands and lift it out of its mounting position on machine (Figure 11).

CAUTION To avoid back injury, be sure to bend your knees and lift with your legs.

4. To install drum assembly, place it in its mount on machine frame. Drum assembly should slide onto shaft mounted on frame.
5. Carefully return machine to its upright position and reverse Steps 1 through 5 to prepare machine for operation.

Pigtail Removal and Installation

⚠ WARNING

FOR/OFF/REV switch should be OFF and machine is unplugged before removing or installing pigtail.

1. Remove all cable from the drum except the pigtail.

- Remove the bolt anchoring the pigtail. It is located on the back of the drum (Figure 12).



Figure 12 – Removing Pigtail Anchoring Bolt

- Remove the pigtail from drum by pulling it through the guide tube.
- Insert new pigtail by pushing it through the guide tube into the drum.
- Align hole in pigtail fastener with the hole in the back of the drum. Insert bolt, washers and nut and tighten securely. Push the remainder of the pigtail into drum.

Accessories

⚠ WARNING Only the following RIDGID products have been designed to function with the K-750R Drain Cleaning Machine. Other accessories suitable for use with other tools may become hazardous when used on the K-750R. To prevent serious injury, use only the accessories listed below.

Catalog No.	Model No.	Description
87602	C-24 IW	5/8" x 100' Solid Core Cable
92485	T-403	P-Trap Cutter
92495	T-406	Spade Cutter
92510	T-411	2" Cutter
92520	T-413	3" Cutter
92525	T-414	4" Cutter
41937	—	Gloves
59360	—	Toolbox
43642	A-75	AUTOFEED Assembly
59982	—	Cable Rust Inhibitor, 1 Quart
59987	—	Cable Rust Inhibitor, 1 Gallon

Maintenance Instructions

⚠ WARNING

Make sure machine is unplugged from power source before performing maintenance or making any adjustments.

Lubrication

Grease all exposed, moving and rotating parts as required. Grease drum assembly fitting periodically.

Cables

Drain drum after every use. Flush drum periodically, remove sediment that can corrode cable.

Cables should be thoroughly flushed with water to prevent damaging effects of drain cleaning compounds. Periodically lubricate cables and couplings with RIDGID Cable Rust Inhibitor. See accessories regarding catalog numbers.

When not in use, store cables indoors to prevent deterioration by the elements.

Cables should be replaced when they become severely corroded or worn. A worn cable can be identified when outside coils of cable become flat.

Machine Storage

⚠ WARNING Motor-driven equipment must be kept indoors or well covered in rainy weather. Store the machine in a locked area that is out of reach of children and people unfamiliar with drain cleaners. This machine can cause serious injury in the hands of untrained users.

Service and Repair

Service and repair work on this Drain Cleaner must be performed by qualified repair personnel. Machine should be taken to a RIDGID Independent Authorized Service Center or returned to the factory. All repairs made by Ridge service facilities are warranted against defects in material and workmanship.

⚠ WARNING When servicing this machine, only identical replacement parts should be used. Failure to follow these instructions may create a risk of electrical shock or other serious injury.