

Operating Instructions



OPERATOR MUST BE THOROUGHLY FAMILIAR WITH ALL SAFETY INSTRUCTIONS BEFORE OPERATING THIS EQUIPMENT

The Model CT Drain Cleaner is designed to clean drain pipes that are between 3/4" and 2-1/2" in diameter. A variety of accessory cables and heads are listed on the following pages of this manual. The following chart shows the recommended cable dimensions for cleaning the various size drains.

DRAIN SIZE	CABLE SIZE
3/4" – 1-1/4"	1/4 or 5/16"
1-1/2"	5/16 or 3/8"
2" – 2-1/2"	5/16 or 3/8"

DO NOT use a cable in a larger drain than recommended: damage to the cable, tool, or personal injury could result.

DRAIN CLEANER CHUCK

The Drain Cleaner is equipped with a KEYLESS type chuck. To operate chuck; grasp the outer body of the chuck with your hand and twist it counter-clockwise to OPEN: twist it clockwise to CLOSE.

CLEANING DRAIN LINE USING MACHINE WITHOUT AUTOFEED

1. Place the FORWARD/REVERSE switch in the FORWARD position.
2. Pull out enough cable by hand to insert into the drain opening and hand-feed the cable into the drain until it stops feeding easily.

NOTE! Power Unit must be completely stopped before moving FORWARD/REVERSE switch. REVERSE position is used only when removing cable from an obstruction.

3. Turn the machine on by depressing the foot pedal.
4. Continue hand-feeding the cable slowly until the drain is opened or blockage is encountered. Keep your cable hand close to the drain opening to keep control of the cable and help prevent cable flip-over.
5. Keep your other hand on the extended cable between CT and your cable hand to steady the exposed cable and maintain cable control.
6. When you reach the blockage, work the cable back and forth to clear the obstruction. At this point, progress depends on the type of tool being used and nature of the blockage. Advance cable slowly.
7. If cable/blade gets hung up in obstruction, release the foot pedal and let motor come to a complete stop before reversing.
8. Place FORWARD/REVERSE lever in REVERSE position.
9. Press foot pedal only until cable/blade is free of obstruction. Release foot pedal immediately.

NOTE! Only run machine in REVERSE if relieving cable from a blockage or retrieving the cable with the Autofeed.

10. As soon as cable/blade is free and motor has stopped, return FORWARD/REVERSE lever to FORWARD position.
11. Continue feeding cable by following Steps 4 through 9 until through obstruction.
12. To withdraw cable from line with machine running, leave FORWARD/REVERSE lever in FORWARD position and slowly pull cable from drain.
13. As excess cable is retrieved from line, hand-feed cable back into CT drum.
14. Turn machine OFF just prior to cable or tool emerging from drain opening. Retrieve by hand as cable or tool may contain debris and splash work area.

CLEANING DRAIN LINE USING AUTOFEED WITH GUIDE HOSE

1. Place **FORWARD/REVERSE** switch into **FORWARD** position. Keep autofeed close to drain opening, approximately 2" – 6".
2. Hand feed approximately one to two feet of cable into the drain opening.
3. Turn machine **ON** by depressing foot pedal and be sure entire cable is spinning before continuing.
4. Depress the autofeed's feed actuator lever and feed cable into drain.
5. Know how long your run of pipe is prior to cleaning. Running too much cable can damage your equipment and the drain.
6. Feed cable into drain until obstruction is encountered or cable begins to bind up.
7. If cable begins to bind up, release feed actuator lever and pull cable back slightly by hand. Refeed cable into blockage again. If advancing the cable with the autofeed is difficult, discontinue using it and advance the cable by hand until the line clears.
8. Once drain is open and flowing, continue feeding additional cable with autofeed to clean rest of drain.
9. To retrieve cable, stop machine completely.
10. Switch the **FOR/REV** switch to **REV**.
11. Turn machine **ON** and depress the feed actuator lever. It will automatically retrieve the cable from the drain.
12. Turn machine **OFF** just prior to cable or tool emerging from drain opening. Retrieve by hand as cable or tool may contain debris and splash work area.
13. If your cable tool/retriever bulb has hooked onto a solid blockage such as a rag or ball or hair, it may be wise to pull the cable out of the drain by hand. Reversing the cable to retrieve it may cause the blockage to unscrew off the cable.

14. The adjustment on the autofeed is the round top adjustment screw under the feed actuator lever. Its purpose is to adjust the distance the feed actuator lever has to be depressed to engage the different size cables. Turn knob clockwise to accommodate the larger 3/8" cable and turn knob counter clockwise to accommodate the 5/16" and 1/4" cable. No adjustment is necessary direct from the factory.

STORAGE

The cable should always be thoroughly cleaned with fresh water and oiled prior to storing the Drain Cleaner.

CAUTION: UNPLUG AND DISCONNECT DRAIN CLEANER FROM POWER SOURCE.

1. Open the chuck and remove the entire cable from the drum.
2. Wash cable thoroughly and allow to dry.
3. Use an oily rag to coat cable with oil.
4. Reinstall the cable into the drum.

MAINTENANCE

KEEP TOOL CLEAN

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. **NEVER** use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

CAUTION: Wear Safety Glasses while using compressed air.