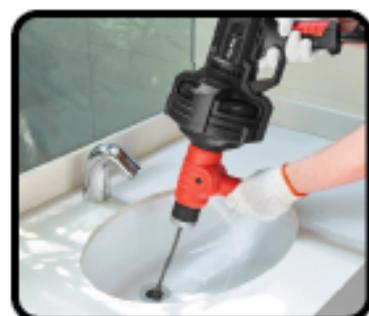




DRAIN CLEANER 25FT 240W

ITEM # 45097



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER

FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.0880

SAFETY INFORMATION

WARNING

GENERAL SAFETY WARNINGS

The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator. Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

- The power tool plug should match the socket. Do not change the plug at all times. Do not connect the adapter of the plug of grounded power tool to be used together. Not changing the plug and matching the socket will reduce the occurrence of electric shock.
- Do not place the power tools in rain or in a humid environment. Liquid entering the power tool will increase the risk of electric shock.
- Do not damage the power cord. Do not use the power cord to drag and pull the power tool. Keep the power cord away from hot, oil, sharp edges or moving objects. Damage to the power cord or other objects twined can increase the risk of electric shock.
- Keep the workplace clean and tidy and with sufficient lighting. Chaos and darkness of the environment are likely to cause safety accidents.
- Do not operate the machine in hazardous environments that is flammable and explosive, such as flammable and explosive liquids, gases or dust. Power tools are prone to generate sparks that can ignite dust or gas.
- When ignite these operating dusts the or machine, gases. keep unrelated personnel (including children, bystanders, non-staff, etc.) away from the work site. Distraction could easily lead to the occurrence of safety accidents.
- Do not use power tools in the event of fatigue or affected by medicine, alcohol or drugs. Careless operation will lead to serious injury.
- Use personal protective equipment properly and always wear safety goggles. Personal protective equipment includes dust masks, non-slip safety shoes, hard hats or thermal protection devices. Appropriate use of the protective equipment will reduce the risk of injury.
- Keep the body in balance and do not lose balance when operating the machine. This will help you to better control the tools in case of accidents.
- Do not overuse the power tools. Please choose the appropriate power tools on different occasions. The right tools will help you work faster and more safely.
- If the switch does not work, do not use the power tool. Any power tool can be very dangerous if switch cannot be controlled and it must be repaired immediately.
- Tools must be disconnected or removed with the battery before adjustment, replacement of accessories and storage. These measures can prevent the risk of accidentally starting the tool.
- Store the power tools out of the reach of unrelated personnel, especially children, power tools can be dangerous for an untrained person.
- Check dangerous the tools for untrained periodically to personnel. see if there are moving parts not in the correct position, damaged parts or other damage conditions that may affect the normal use of the tool. Be sure to repair it before use.
- When using the power tool outdoors, please use a wiring board suitable for outdoor operation. Avoid using the power tools in a humid environment. Please use the GFCI protection device, which can reduce the risk of electric shock.

SAFETY INFORMATION

- Keep the tool as close as possible to the pipe. When the tool is difficult to approach the pipe, use the front guide tube. If the distance is too long, it may cause the winding or break off of flexible shaft.
- Do not operate the machine while reversing (pressing the forward and reverse rotation button R). Operating in the (R) state can cause damage to the flexible shaft. The button (R) is only used to exit the flexible axis in the case of block.
- Use the guide hose to prevent the flexible shaft from bringing foreign matter when jittering.
- After using detergent in the pipe, avoid direct contact with skin or eyes. Some detergents can cause severe burns.
- Do not use the tool when the handle, switch, grounding plug or fuse is damaged. Poorly maintained tools can cause serious injury.
- Wear gloves with colloidal particle.
- Do not use damaged or failed cables.
- Put the machine near the pipe opening.
- Place the GFCI leakage protection device in place.
- Wear gloves with colloidal particle.
- Wear safety goggles.
- Test the fuse to confirm proper operation.
- Do not use soft gloves or cloth to hold the rotating flexible shaft, which may cause serious injury.
- Do not over-deliver the flexible shaft, excessive delivery due to blockage may cause the winding or break off of flexible shaft and cause serious injury.

SPECIFICATIONS

VOLTAGE: 120V /60Hz **SWITCH:** CVT switch can reverse **ROTATING SPEED:** 0 - 560RPM
DREDGING CAPACITY: 3/4 - 2" **WEIGHT:** 9.03LBS

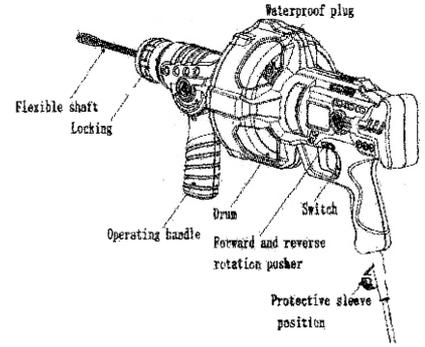


SAVE THESE WARNINGS

OPERATION

CHECK BEFORE OPERATION

- Make sure the plug is unplugged
- Check if the cable plug is damaged.
- Check if the waterproof plug on the drum is installed.
- Check if there are damaged machine parts that may pose a threat to your safety.
- Lubricate the flexible shaft in according to the operation manual.
- Selection of appropriate accessories for pipe dredge can improve the efficiency and quality of dredging.
- Check if the flexible shaft is worn or damaged. In the cases of worn flat, corrosion and bending deformation, please immediately replace the nexible shaft.
- Check the workplace to ensure sufficient lighting, no flammable liquid, gas or dust. Check the connection of cable and socket to ensure that the cable will not be damaged.
- Do not place the side of the flexible shaft towards the operator or other people.
- Please use the standard power cord. When using the power tool outdoors, use extension cable marked with "W-A" or "W" and the wire insulation layer must be thick enough. These cables are suitable for outdoor use and can reduce the occurrence of electric shock.
- Insert the plug into the socket, and confirm that the dredger can easily approach the pipe opening, if the distance is too long, add extension cord.



Minimum Wire Gauge For Extension Cord Nameplate

Amps	Total Length(in feet)		
	0-25	25-50	51-100
0-6	18AWG	16AWG	16AWG
6-10	18AWG	16AWG	14AWG
10-12	16AWG	16AWG	14AWG
12-16	14AWG	12AWG	NOT RECOMMENDED

OPERATION

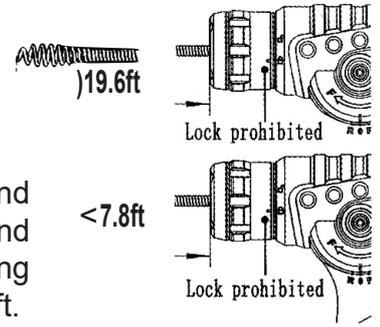
CONTROL

Notice: Before using the machine, you must be familiar with the functions and be proficient in operating it.

ANNULAR JAW

Rotate the locking ring counterclockwise to make the jaw grasp the flexible shaft and produce a large thrust, so as to facilitate the removal of blocked garbage and prevent the flexible shaft from retracting into the drum; rotate the locking ring clockwise to relax the flexible shaft for easy advance and retract of the flexible shaft.

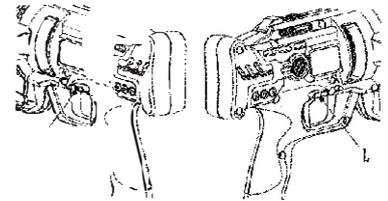
NOTICE: When the flexible shaft out of the tool is less than 7.8" or more than 19.6ft, it is forbidden to set the locking ring in the locked state. Otherwise, it will cause the flexible shaft and jaw to be damaged. Be careful while using it.



SWITCH VARIABLE SPEED

Control the speed between 0-560RPM, exert pressure on the

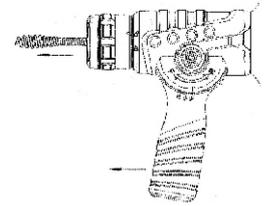
switch: the greater the pressure, the higher the speed.



SWITCH FORWARD AND REVERSE ROTATION

This switch can control the steering of the flexible shaft: press the L for forward rotation and press the R for reverse rotation.

Notice: The reverse rotation is only used in retract the flexible shaft in the trapped state.



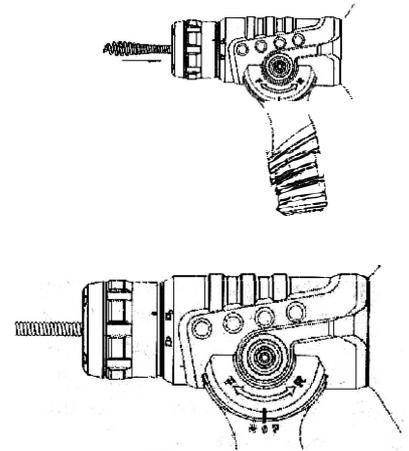
FLEXIBLE SHAFT AUTO SCALING

Press the forward and reverse rotation button L: 1) Press the speed switch lightly, move the handle forward to the **F** position, and the flexible shaft will be delivered forward (Fig. 4);

2) Press the speed switch lightly, pull the handle back to the **R** position, and the flexible shaft will retract backwards.

When the forward and reverse rotation button R is pressed, the flexible shaft stretches in the opposite direction.

When the forward and reverse rotation button R is pressed, the flexible shaft stretches in the opposite direction. When the operating handle is in the **O** neutral position, the flexible shaft stops stretching no matter in forward or reverse rotation.

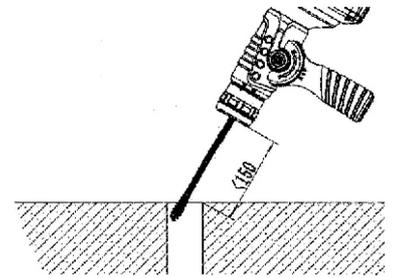


Pipe dredge (before operation, be familiar with the automatic scaling operation of the flexible shaft, otherwise it will lead to personal injury or damage to the tool)

OPERATION

Place the tool head at a distance of less than 150mm away from the pipe opening. If the distance is too long, it will cause the flexible shaft to be twisted and knotted; and do not place the tool head too close to the pipe, which is inconvenient to observe the condition of the flexible shaft.

Press the forward and reverse rotation button L, press the speed switch slightly, pull the handle forward to the F position, and the flexible shaft will be delivered forward to start dredging; after dredging the pipe, pull the handle back to the R position to retract the flexible shaft.



In the cases of blockage or blocked cornering of the flexible shaft, pull back the handle to retract for a certain distance, and then pull forward to deliver again. Repeatedly move forward and backward the operating handle to dredge the pipe and move through the corners. Do not force the delivery of the flexible shaft, otherwise the flexible shaft will twist knotted or be broken and cause serious injury.

If the blockage is too stubborn, apply the following two methods: Rotate the locking ring counterclockwise to obtain a greater thrust. In this case, it is necessary to lightly press the speed switch to closely observe the state of the flexible shaft. If the flexible shaft is obstructed, twisted or knotted, release the speed switch immediately and stop the rotation. Do not force the delivery of the flexible shaft; 2) Switch the operating handle in F and O positions, and dredge the pipe slowly according to the actual situation.

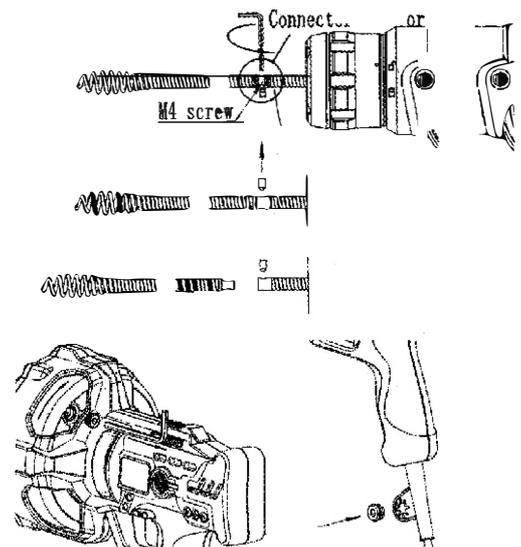
If the flexible shaft is trapped in the pipe: that is, it cannot dredge or be retracted, press the forward and reverse rotation button R, and pull the handle forward to retract the flexible shaft.

NOTICE: Situations of pipe blockage are varied, it is necessary to closely observe the situation of the flexible shaft when using it. If it is distorted or blocked, stop the machine immediately, and then take different operations according to the actual situation. If the pipe cannot be dredged, please ask for professional for help. Do not force the operation and cause unnecessary troubles.

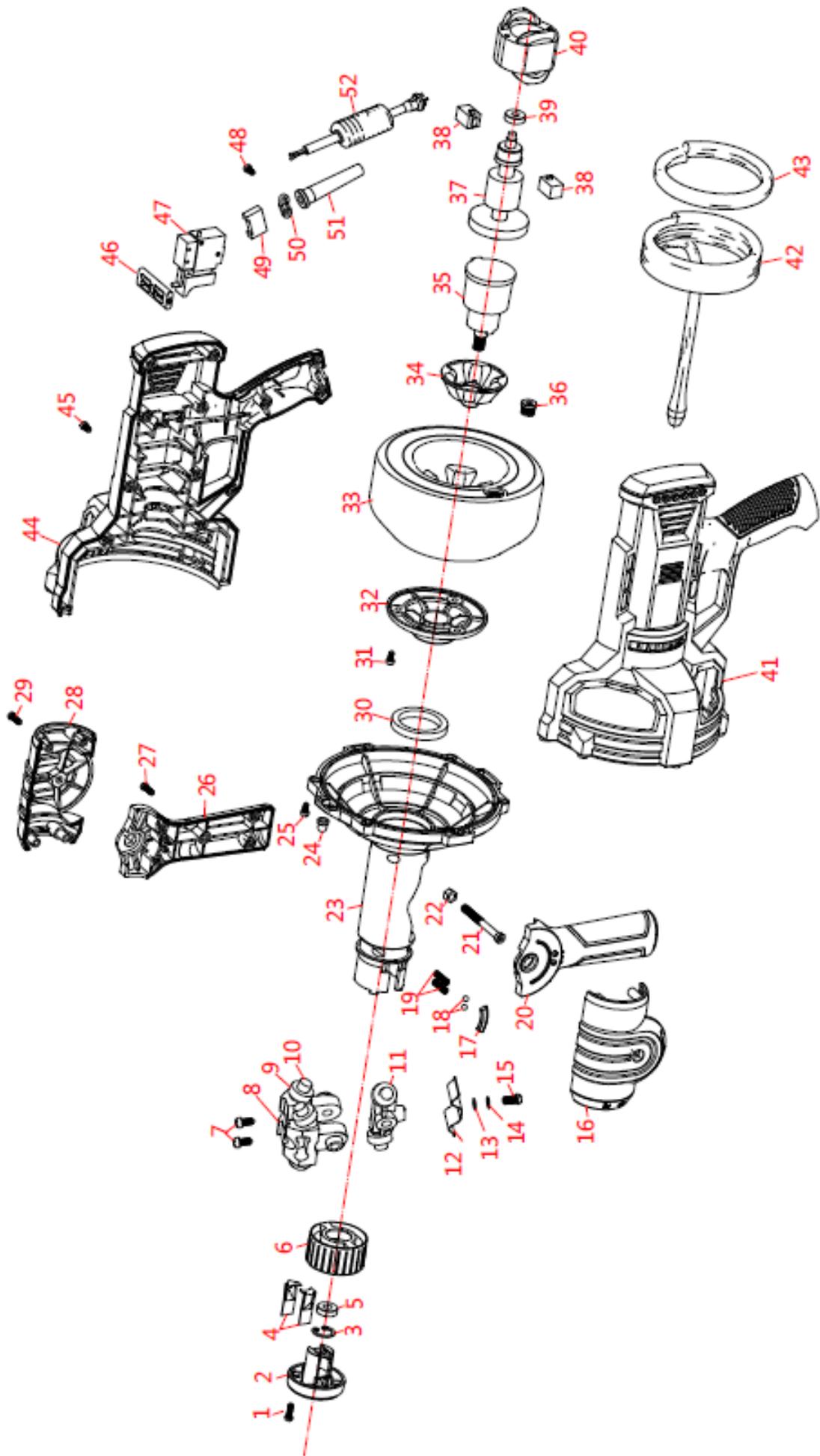
HOW TO REPLACE A SHAFT

Confirm the unit is powered off and unplugged before replacing the flexible shaft

Place the operating handle in the O position then take out the flexible shaft to expose the connector; Unscrew the M4 set screws with an Allen wrench and remove the unwanted flexible shaft and Insert the new flexible shaft into the connector, align the screw holes, and tighten the **M4** set screws again. Push the flexible shaft manually to the inside of the drum. Do not start the tool to retract the flexible shaft. because the exposed flexible shaft can lead to unpredictable personal injury. tool damage damage to indoor objects fire electric shock and other dangerous situations. If the flexible shaft cannot be replaced normally, please send it to the designated service center for repair.



PARTS INFORMATION



PARTS INFORMATION

No.	DESCRIPTION	Sub Explanation	No.	DESCRIPTION	Sub Explanation
1	Screw	M4*16	27	Screw	M4*16
2	Locking Ring	Aluminum	28	Plastic Cover (RIGHT)	
3	Snap Ring		29	Screw	M4*25
4	Locking steel sheet		30	Bearing	6808
5	Bearing	629/8	31	Crew	M5*10
6	Locking Ring	Plastic	32	Sleeve Cover	
7	Screw		33	Sleeve	
8	Adjustable Aluminum Base	#1	34	Propeller	Aluminum
9	Bearing	606	35	Gearbox	
10	Inner hexagon socket screw	M6*10	36	Screw	
11	Adjustable Aluminum Base	#2	37	Armature	
12	Metal Plate		38	Brush Holder	
13	Flat Washer		39	Bearing	617
14	Spring Washer		40	Stator	
15	Inner hexagon socket screw	M5*10	41	Housing (LEFT)	
16	Left Cover		42	Steel Rope	
17	Arc aluminum block		43	The Spare of Steel Rope	
18	Steel Ball	Ø5	44	Front housing	
19	Spring		45	Screw	M4*16
20	Front Handle (LEFT)		46	Flip button	
21	Screw Pole	M6*60	47	Switch	
22	Screw Nut	M6	48	Screw	M4*10
23	Front Cover		49	Capacitance	
24	Indicator Light		50	Wire Wrap	
25	Screw	M5*20	51	Bushing	
26	Front Handle (RIGHT)		52	Power Cord	

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

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