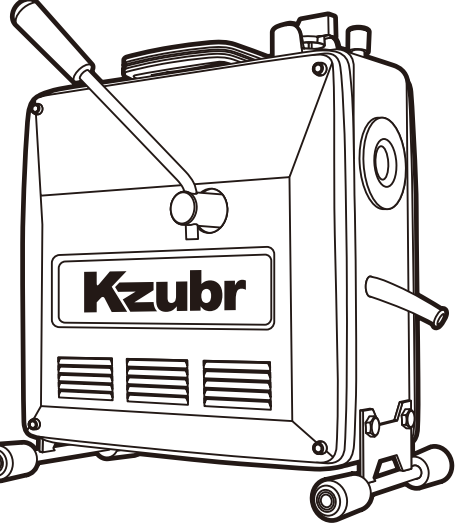


www.kzubrtools.com 	K10492  DRAIN CLEANING MACHINE GQ-150  INSTRUCTIONS FOR OPERATION & MAINTENANCE	In order to provide a better service for the pipeline cleaning machine, please read the instruction manual and make the operation points clear. F amiliar with the performance of the product, to ease. 1	Product introduction Pipe cleaning machine - can help you quickly clear the pipeline clogging problems Pipeline cleaning machine, pipe is suitable for dredging blockage caused by various reasons, the models are made of flexible shaft, using fast rotation and automatic or manual propulsion, to joint action, in the drive drill, all kinds of dirt, grease, chemical sediment cleaning pipeline, garbage and other debris, the effect is obvious. Use the operating method One way to use 1, the roller in the soft shaft for the manual. You can not use robots. When the use of the first roller in the thin soft shaft out of the body to clear the machine, and then the roller in the thin soft shaft through the dredge machine (from the side without automatic head through) and the roller lift the card in the dredge machine The hole in the nose. Dredge, the first roller in the hand of the fine soft shaft out into the blocked pipeline until the blockage until the touch, and then open the switch, one hand to hold the flexible shaft to the impact force, the other hand to operate the clutch handle, So that the soft shaft rotation and by changing the switch where the forward and reverse rotation, alternately repeated operation, so that the soft-axis forward and reverse to clear. When you need to re-take some fine roller from the drum, be sure to release the clutch handle, and then out of the pumping, or clutch handle will be tightly locked fine shaft, will not be able to extract the thin shaft. 2, the use of $\varnothing 16\text{mm}$ flexible shaft can be used automatically, the first automatic use of the pin lift up the stuck, the shaft from the tail into the 2	machine hole, select the appropriate head into the soft shaft front, and then stretch the shaft into the blocked pipe, And then rotate the automatic pin to fall into the groove, start the electric switch, manipulate the handle, so that the soft shaft rotation and by changing the switch is in the reverse position, So that the soft shaft automatically advance and retreat, To move power, andgradually make the pipeline to clear. Second, the correct safety precautions 1, when the use of $\varnothing 16\text{mm}$ rough shaft to clear the pipe, only the soft axis blocked at the movement, the use of automatic head, and the county, hand to lightly clutch the handle, when the shaft movement to the blocked place Soft shaft can not moveforward), immediately lift the automatic pin, rotating stuck, this time by hand with the clutch handle, so that a strong dredge flexible shaft to achieve the best results, and to avoid damage to the shaft. When the automatic head of each flexible shaft joint through the automatic head, be sure to release the handle, lift the automatic pin, hand over the flexible shaft joints, and then drop the automatic pin, before continuing to automatically advance and retreat, so as to avoid automatic pin jammed soft shaft, can not be normal . 2, the use of the process is strictly prohibited with a water soft shaft through the fuselage, so as not to dirty water into the motor, the motor damp, burned, or dirty water corrosion machine parts, causing damage to the machine. 3, the use of power switch, is strictly prohibited from forward to sudden change to reverse, must be shut down after the switch, otherwise the switch vulnerable. 4, the use of $\varnothing 16\text{mm}$ flexible shaft to clear the pipe, it is necessary to use the part of the soft shaft, out of the Ruanzhou basket and the soft shaft from the basket, the operation is strictly prohibited half of the shaft in the fuselage, half in the basket. 3	5, the use of pipe cleaning machine must be used when security measures, such as leakage protection, safety isolation transformer, otherwise, the user must wear insulated gloves, wear insulated shoes or stand on the insulation pad. 6, in special places or special environment operations, (such as boilers, pipes, moist areas), should be outside the guardianship, and the machine is strictly prohibited in the water operations. Method for operation 180 Drain cleaning Machene 1.Before using $\varnothing 9.8\text{mm}$ cables,remove the glove in the rear of the machine.Insert the cable into the hole,lock the pin,the operate it. 2.Using $\varnothing 16\text{mm}$ cable equipped make flexible cable penetrate spindle and out of it. select proper auger and be firmly connected to flexibel cable. Put the main machine in proper position.let auger and flexible cable insert into pipe as much as possible. 3.Turn on control switch,so that spindle is in clockwise rotation.Press operating handle with one hand.at the same time,hold rotating cable with the other hand, pushing it into pipe.Repeat the said operation and it can clean and cut through the pipe lines. 4	Trouble shooting and solutions ■Cable auger are jammed in the pipe Due to the hard machine narrow gap Causion neither pul crudely not make the main machcengo antclockwise hardly so as to prevent the cable from being broken in the pipe. Please push and pull the cable forward and backward patiently cooperation with the machine roataingclockwise and anti clockwiss for returning the cablegradually. In the working site where the cable is easily jammed.Cable without anget should be used because glossy cable is dot easyy to be jammed. ■The cable is broken inside the pipe Operation is not propet Draw out the rest cable According to thedistance between the broken position and the outlet of the pipe connect proper tong cable withretrievingauger insert the pipe,operate the machine pull out the calbe if the broken cable is held repeat the peration untill it it out Along the pipe where the broken cable past by find out or open an outlet on the pipe from this point,retrieve the broken cable in the same way. ■The cable can not move Due to too much elbow of the pipe of the pipe is too longush the cable forward and backward by slightly force. 5	Maintenance ■ The main machine should be in a good Inbricious condition.Fill lubricant from inlet be fore and atlet usd(machine oil(20#-30#) ■Prevent from water Open the case,clean and dry the motor immediately with cloth if any water-drammp(Remember to fill lubricant once again) ■ Auger and cable should be cleande and luberated after so as to prevent from stain and corrosing. ■Clean and lubricate the machine if it is stayed for a long time Store it in a dry conditio. ■ After storing for a long time,check the machine first,the switch it on if the machine does not rotate when you start if opress down the operat on handle,it means that there is some corrosion inside stop the machine immediately to prevent from damage open the case clean and lubrecate in before use. 6	Safety operation Notice 1. Safety measure must be taken in using trusulated transformer and so on other wise, operator must be protected by weanng insulated glove, insulated shose, and by standing on insulated cushion. 2. In havow place or special circum staace such as boilen room. damp area or whih the operator iS inside piping and so on. there shouldhave a person watching On frDm outside. 3. Single way play and three way play with excellect ground protectionShould be talcen on. 4. The cable with water is prohibited to pass through the machinein case the dirty water flow jnto the machine making the machineleak electricity for moist,damaging or corroding the spare parts of the machine. 5. Non-professional person iS not allowed to disassemble or lix the machine without consent. 6. After openation power must be out off first. then the site must becleaned. 7. Stoppage with be stricthly prohibitted while operating for all typesof Drain cleaning machines. 7
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