

3890 Hydraulic Pipe Cutter

Operation and Maintenance

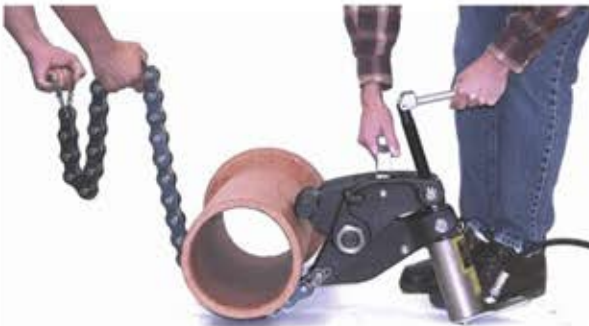


1. Turn adjusting screw until outer collar is at its **lowest** limit of travel. Do this for **EACH** cut.

Adjusting Screw

Upper Trunnion

Lower Trunnion



2. Slide chain under pipe at location of cut.



3. Using hand ring, pull chain over pipe and under tie bolt, then up between jaws as tightly as possible. Allow chain to relax so nearest pin is engaged in slots under upper nose jaw. Chain then can be folded over on itself.

Be sure pins are actually seated in their respective slots before applying any pressure.

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4. Front pin location (Nose Jaw)



5. Tie Bolt



6. Rear pin location (Back side of Jaw)

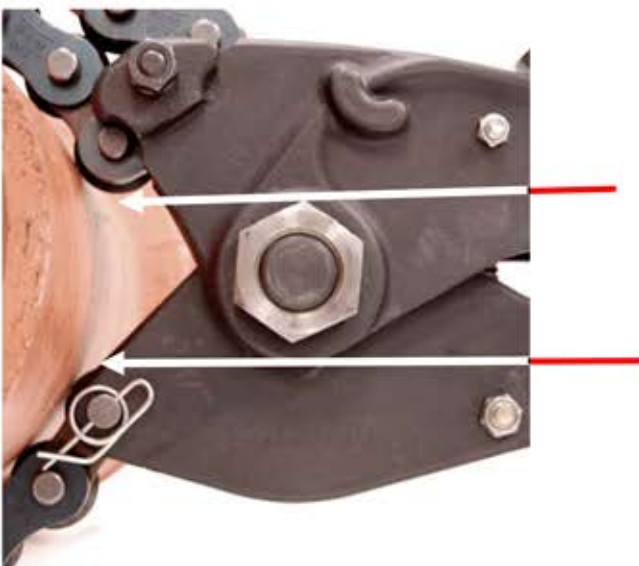
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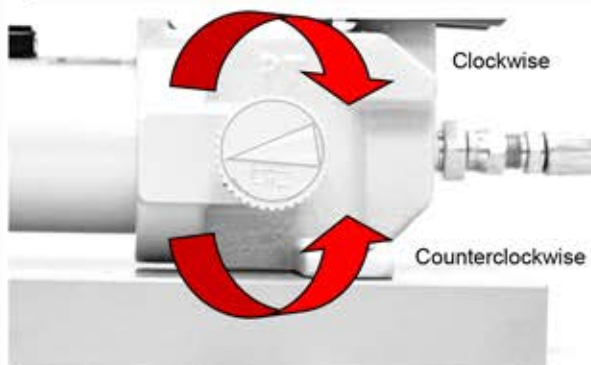
7. Take up remaining slack with adjusting screw.



8. Cutter wheels should touch pipe.



9. Turn valve clockwise on the pump until it is **HAND TIGHT**. **DO NOT USE A WRENCH**. Make strokes necessary to snap pipe. Turn knob counterclockwise to release valve after cut to retract piston.



WARNING NOTES

WHEELER-REX HYDRAULIC CUTTERS

Before operating this product, read the operating instructions and be sure you understand this product's purpose, use, capability and limitations. Used within its capability for its intended purpose and with proper preventative maintenance, this product will give long reliable service.

Failure to read and follow operating instructions and these warning notes can result in serious injury to operator and/or bystanders.

1. Do **NOT** allow anyone other than a qualified operator to operate this product.
2. After engaging the chain and tightening the adjusting screw, check to be sure that the chain pins are fully seated in the pin grooves in the jaw.
3. Take the pump directly back from the ram perpendicular to the pipe being cut, with the hydraulic hose extended to its full **10 foot length**.
4. **Place the protective plastic sheet, supplied with the tool, over the work. The adjusting screw handle for the ram will fit through the hole in the plastic sheet.**
5. Before applying any hydraulic pressure, check to be sure that, excepting the operator:
 - a. No one is near or in line with either end of the pipe
 - b. No one is within 25 feet of the tool
6. The operator should be wearing proper safety items - hard hat and safety glasses
7. Each Wheeler-Rex pump has a built-in pressure overload valve set to factory specifications in accordance with the rated capacity of the tool. This valve is a safety feature intended to prevent the build up of hydraulic pressures above factory specifications.
DO NOT TAMPER WITH THIS VALVE FOR ANY REASON!!
8. Be sure there is a cutting wheel on every pin. Any pin not supported by a cutting wheel may be damaged when hydraulic pressure is applied. Do not allow wheels in upper or lower jaws to cross or contact each other.
9. If the pipe has not been cut by the time the overload valve starts to bypass excess pressure **STOP PUMPING AND RELEASE PRESSURE, NEVER APPROACH THE WORK WHILE THERE IS HYDRAULIC PRESSURE IN THE SYSTEM.**
Remove the tool from the work, and do the following:
 - a. Recheck the type, size and class of pipe being cut to be sure it is within the rated capacity of the tool.
 - b. Reinstall the tool following the instructions and safety precautions.
 - c. Repressurize the system.
 - d. If the pipe is still not cut by the time the overload valve starts to bypass, release pressure, remove the tool and place it with an authorized service center to be checked and, if necessary, adjusted or repaired.

DO NOT ATTEMPT TO ADJUST OR REPAIR THIS TOOL IN THE FIELD. SEE ENCLOSED LIST OF AUTHORIZED SERVICE CENTERS



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