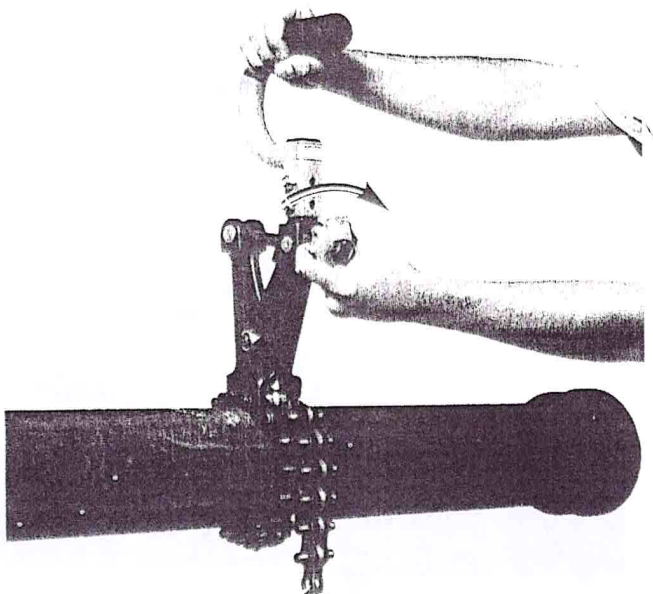


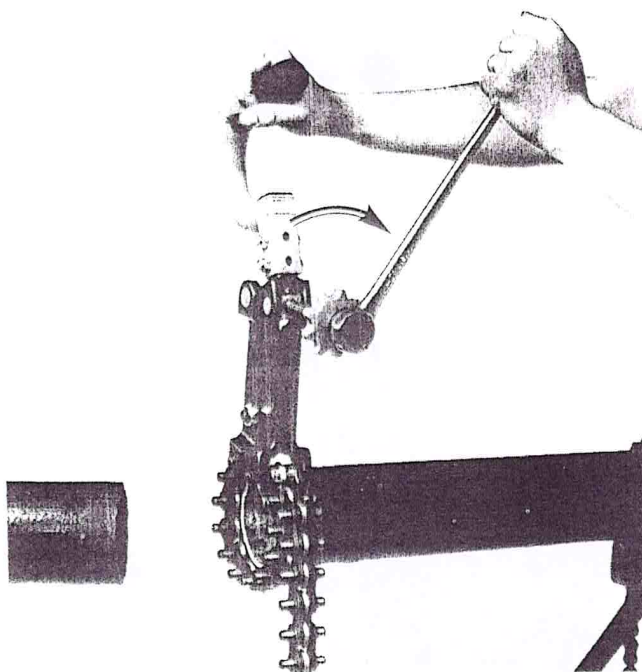
Step 3

Rotate handwheel clockwise to remove slack from chain. Make sure the chain is squarely installed around the pipe and placed at point of desired cut.



Step 4

Place ratchet on feedscrew head and operate clockwise until pipe snaps off.



Cutting Hints

The Model 226 is designed to provide smooth cuts using the procedure previously outlined. However, for applications where precise cuts are required, the following hints are recommended:

1. Follow the steps 1, 2, and 3 previously illustrated.
2. Engage the ratchet and tighten until cutter wheels make indentations onto pipe.
3. Slightly loosen feedscrew knob and rotate the pipe or chain slightly. Retighten the feedscrew to make another set of wheel indentations.
4. Repeat the process as necessary to create a series of indentations around the pipe.
5. Make certain the wheels remain on the indentations previously formed, then tighten the ratchet and complete the cut.

Model 226 Tool Capacity

Type of Pipe	Pipe Size in Inches	
	Standard Capacity	Maximum Capacity
Clay Pipe	1½" – 6"	1½" – 15"
No Hub Cast Iron Soil Pipe	1½" – 6"	1½" – 8"
Service Weight Cast Iron Soil Pipe	1½" – 6"	1½" – 8"
Concrete Pipe	4" – 6"	4" – 8"
Extra Heavy Cast Iron Soil Pipe	1½" – 5"	1½" – 5"

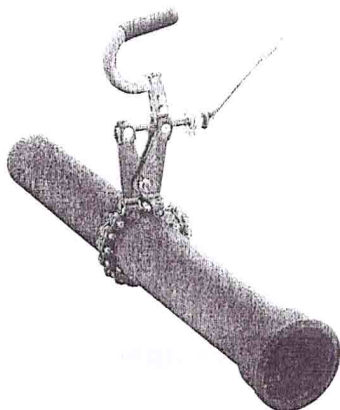
NOTE: When cutting a buried line, remove excess mud and rust in the area where the chain will contact the pipe. This will allow for maximum wheel penetration, which will result in a better quality cut.

Phone: 800-519-3456

E-mail: TechServices@ridgid.com

If any correspondence, please give all information shown on the nameplate of your tool including model number.

Model 226 In-Place Soil Pipe Cutter



The RIDGID 226 In-place Soil Pipe Cutter is a compact, lightweight tool designed to cut soil pipe in tight quarters. Only 17" long, the Model 226 is ideal for cutting cast iron, concrete and clay pipe where space is limited. The Model 226 is especially suited for against-the-wall applications.

Specifications

Length:17"

Weight:18 lb.

- Removable U-Shaped handle allows for cutting in tight quarters.
- Multiple-action feedscrew – can be actuated with standard 1/2" drive ratchet, 15/16 wrench or any adjustable wrench.
- Pivoting chain hooks for easy latching.
- Cuts hub and no-hub pipe – no further assembly required.

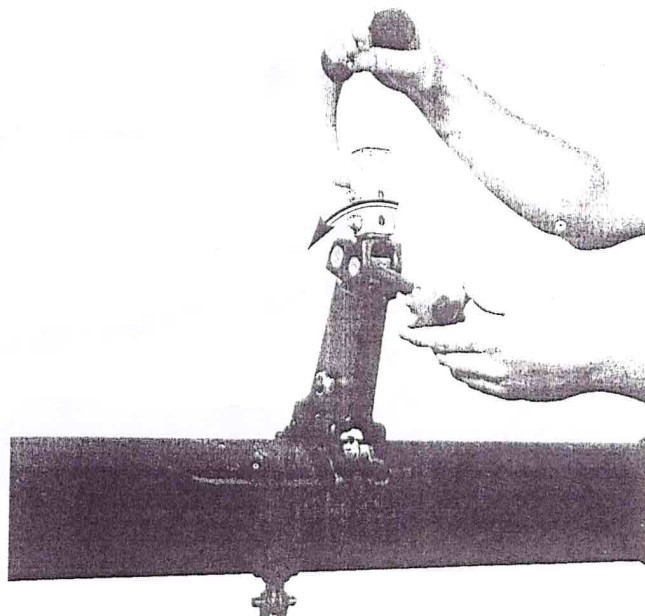
Operating Instructions

WARNING

Make sure you have read and understood the safety information in this manual before attempting to operate the tool.

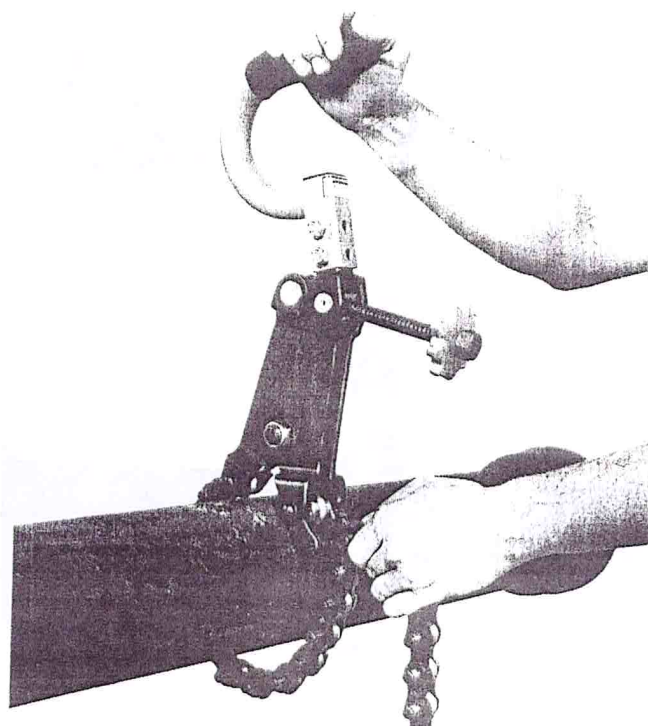
Step 1

Turn feedscrew handwheel counterclockwise until the jaws are fully open.



Step 2

Wrap chain around the pipe and engage nearest pin in upper jaw's receiving hooks.

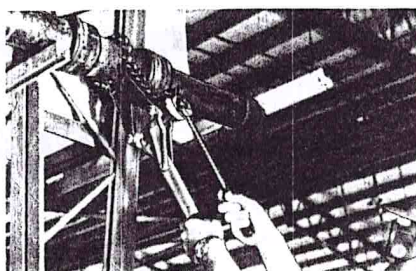


Ratchet Operated Pipe Cutter

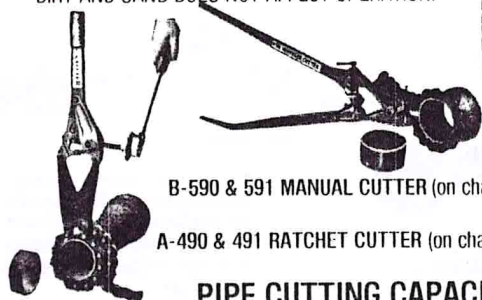
**CUTS CLAY, CAST IRON, (ALSO NO-HUB®),
AND CONCRETE PIPE!**

**No vise required — Cutter does
not rotate around pipe.**

SIMPLE IN CONSTRUCTION
LIGHTER THAN ANY SNAP CUTTER ON THE MARKET
CAN BE POWER OPERATED
EASY TO USE
EASY, WHEELER HOOKUP METHOD
DOES NOT DEPEND ON PIPE FOR LEVERAGE
WORKS EASILY ON THE GROUND, IN A DITCH, IN
CLOSE QUARTERS, AND OVERHEAD.
DIRT AND SAND DOES NOT AFFECT OPERATION.



Ideal for cutting in close quarters, overhead
and other difficult locations.



B-590 & 591 MANUAL CUTTER (on chart)

A-490 & 491 RATCHET CUTTER (on chart)

PIPE CUTTING CAPACITIES

	1½"	2"	3"	4"	6"	8"	10"	12"	14"	15"
Service Weight Cast Iron Soil	AB	AB	AB	AB	AB	A				
No-Hub® Soil	A* B*	A* B*	A* B*	A* B*	A* B*	A*				
XH Cast Iron Soil		AB	AB	AB	A					
Tile (All Types)		AB	AB	AB	AB	AB	AB	AB	A	A
Concrete Pipe				AB	AB					
Corrosion Resistant		AB	AB	AB	AB					

* PROCEDURE for CUTTING NO-HUB® or GASKETED PIPE

Whether No-Hub® pipe is hard or soft you can make a good clean cut every time by using the following procedure with a 490 Cutter adapted with the 519 Chain Roller adapter kit, or a 491 Cutter which already has the 519 kit. The rollers can be easily removed when cutting other types of pipe if desired.

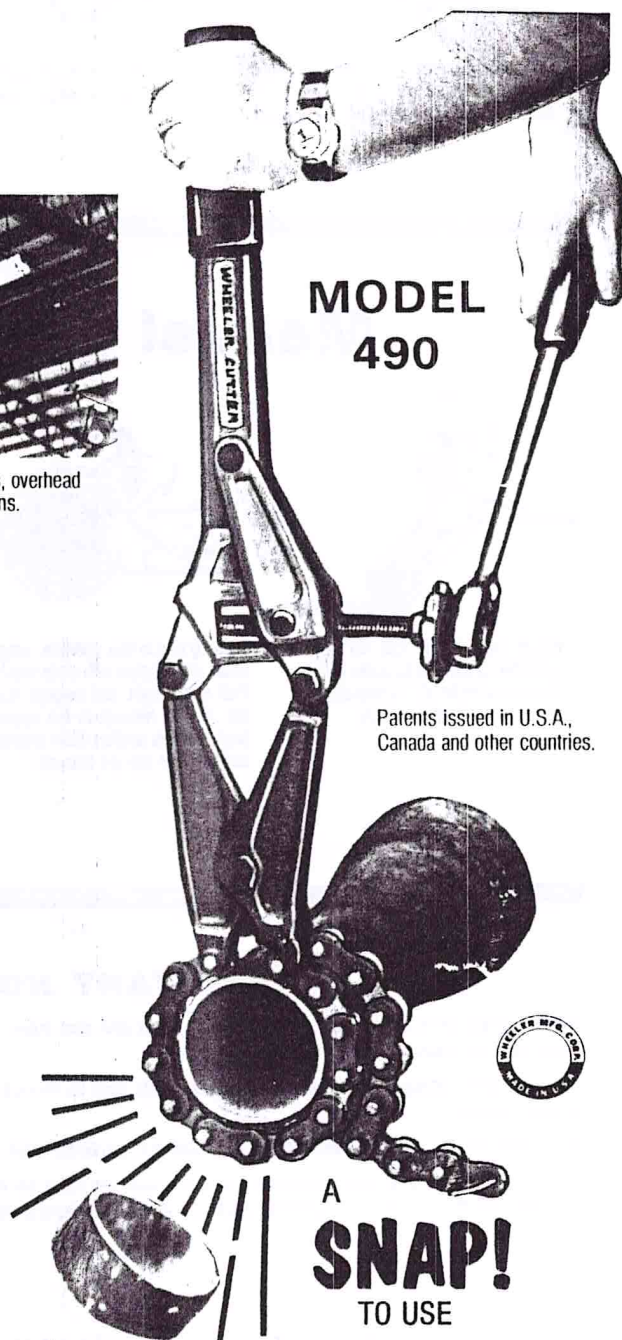
1. Apply enough pressure to make wheel indentations without cutting pipe. Slightly loosen hand wheel and rotate pipe counterclockwise a little. Tighten hand wheel again to make another set of cutter wheel indentations just ahead of and continuous with the first. If this action of slightly rotating the pipe and making indentations is repeated four or five times, the pipe should be scored completely around.
2. Be sure wheels stay in the groove. Operator can now tighten ratchet and complete the cut. The *patented rollers prevent the jaw wheels from cutting too soon, allowing the wheels at the back side to penetrate equally and make a clean cut. (*Patent No. 3,540,640)

The same cutting wheels are used for all sizes and materials, within the capacity of the tool. Irregular shapes such as coping tile and square chimney flue liner cut as easily and cleanly as round pipe.

WHEN USING ANY WHEELER PIPE CUTTER ALWAYS COMPLY WITH O.S.H.A. STANDARDS.
Wear A Hard Hat! Never approach Cutter Head while under pressure. Avoid standing close to either end of pipe.

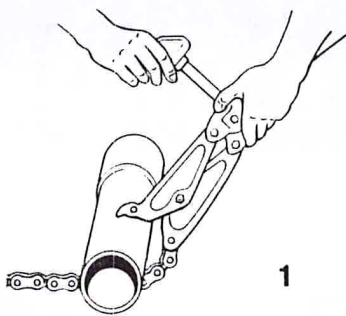
**MODEL
490**

Patents issued in U.S.A.,
Canada and other countries.

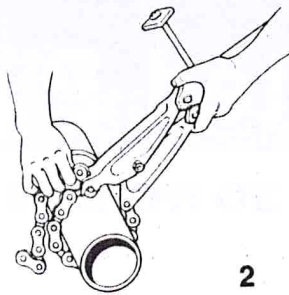


EASILY OPERATED IN A TRENCH JUST WIDE
ENOUGH TO SLIP CHAIN AROUND PIPE.
RATCHET ACTION IS PARALLEL TO PIPE.

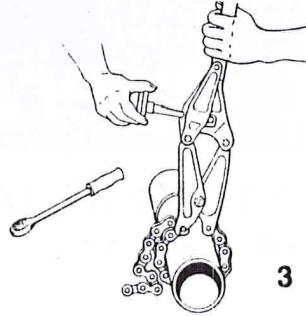
Ratchet Cutter #490 Operation



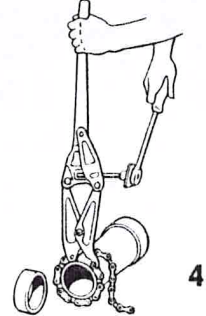
Place pipe on outstretched chain next to cutter jaws. Turn hand wheel counterclockwise until jaws are fully open.



Wrap chain around pipe and engage nearest pin in upper jaw hooks.

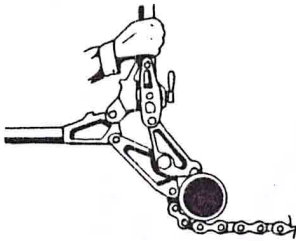


Rotate hand wheel clockwise to remove slack from chain. Be sure screw pin point is in depression provided in forging - If it is cocked to one side, damage will occur.

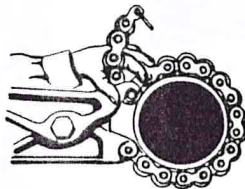


Place ratchet on head of drive screw and operate clockwise until pipe snaps off. If pipe has not cut before jaw wheels touch turn counterclockwise until next pin can be engaged in jaw. Repeat Step 4.

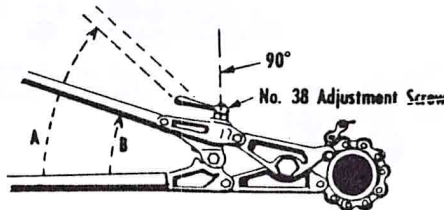
Manual Cutter #590 Operation



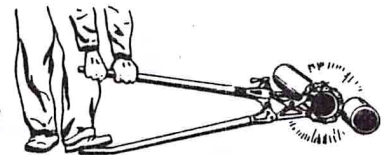
Place pipe to be cut on outstretched chain next to cutter jaws. Open handles to 90°, grasp cutter as shown and rest on pipe.



Holding tool in this position, wrap chain around pipe with other hand. Pull chain tight and engage the No. 16 Pin nearest to the upper jaws. Be sure surplus chain comes out over the top (as shown).



Close jaws - at this point it is necessary that the handles be at the approximate proper angle to make the cut: 45° to 70° ("A" in Drawing) for cast iron and 22°-45° ("B" in drawing) for clay tile or asbestos cement.



If you cannot achieve the proper angle with the No. 38 screw while the handles are closed, you have inserted the wrong pin. Disengage chain and re-adjust jaws to take the next pin.

Grasp tool as shown, with one foot on lower handle, and snap pipe with sharp downthrust. On extra heavy pipe, exert even downward pressure. See below for No-Hub® Cutting.

IMPORTANT NOTES FOR BOTH CUTTERS

When cutting in a line, remove excess mud, scale and rust from surface of pipe where chain wheels will make contact. This will allow wheels to contact solid pipe for maximum penetration.

Transportation charges must be prepaid on all units sent to service stations or factory for repair. If factory defect is disclosed, repaired unit will be returned to you prepaid.

Manufacturers liability and warranties are voided if anything other than factory authorized parts are used.

We suggest, once you have established which chain pin must be engaged for a specific pipe size, that you clearly mark this pin for easy recognition (a dab of paint will do). This will facilitate quick, sure, efficient operation for all cuts of the same pipe size.

STRICT OBSERVANCE OF ALL TOOLS CAPACITIES MUST BE ADHERED TO AND CUSTOMERS SO ADVISED.

Be sure to comply with all O.S.H.A. regulations when operating cutter. Pipe or rollers may and often will separate with considerable force at a right angle to the cutter head. Be sure when putting cutting pressure on pipe, you are standing at the end of the handles facing the cutter or pipe and that there is no other personnel in the immediate area.



WHEELER MANUFACTURING • DIVISION OF REX INTERNATIONAL U.S.A., INC.

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