

Models 206 and 246 Soil Pipe Cutters



Description

The Models 206 and 246 are ratchet-type soil pipe cutters. The ratcheting action parallel to the pipe makes the 206 and 246 the ideal tools for cutting pipe in trenches of limited width. The Model 206 is a lightweight tool designed for cutting no hub pipe, whereas the 246 is a heavier duty tool able to cut hub and service weight cast iron pipe. The models 206 and 246 are the only soil pipe cutters that feature an integral ratchet handle.

Operating Instructions

WARNING

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

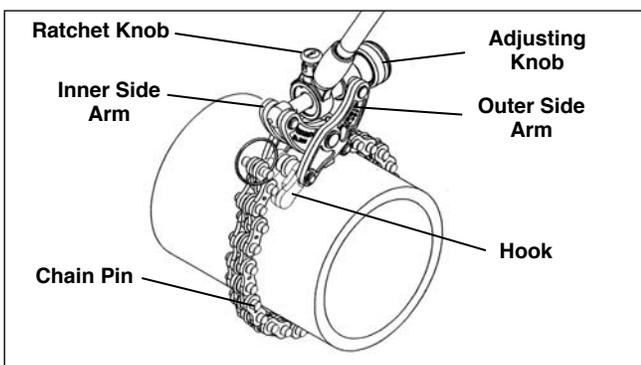


Figure 5

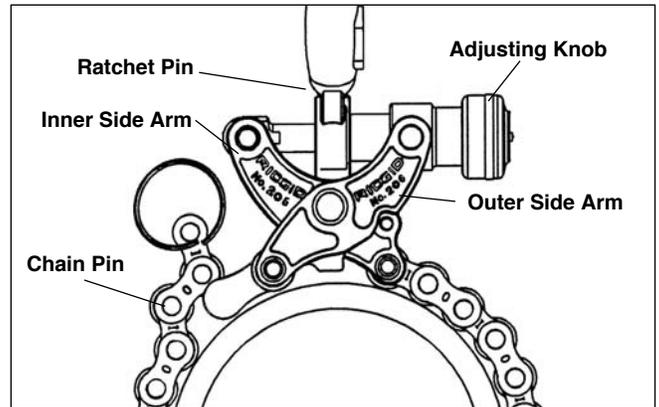


Figure 6

Cutter Set-Up

1. Lift and turn ratchet knob to neutral position (pin should not be in groove). (Figure 5)
2. Turn adjusting knob until jaws are fully open. (Figures 5 and 6)
3. When working conditions permit, place cutter on pipe with adjusting knob on the right, while straddling the long end of the pipe.

Adjusting the Chain

1. After cutter is properly set, wrap chain around the pipe snugly.
2. Set proper chain pin into hooks. Make sure you hook the pin that leaves the least slack in the chain.
3. Turn adjusting knob so that arrow points to word CUT on the ratchet housing, (Figure 5). Chain must be properly set to assure ample travel for cutting action.

Cutting the Pipe

1. Ratchet handle in the direction indicated by the arrow on ratchet knob until the pipe is cut. Avoid raising ratchet handle too close to the vertical position as this makes the ratcheting action more difficult.

IMPORTANT

If ratcheting action stops before the pipe is cut, the tool has been jammed. DO NOT force the handle or adjusting knob, simply lift, turn and hold ratchet knob so that the arrow points to word OPEN on ratchet housing. Push in ratchet knob to ensure engagement of pawl. Use ratchet action in the direction indicated by the arrow to release the chain. Reset cutter by hooking the next pin in line to assure ample travel for cutting action.

Models 206 & 246 Tool Capacity

Model 206 Type of Pipe	Pipe Size in Inches	
	Standard Capacity	Maximum Capacity
Clay Pipe	1½" – 6"	1½" – 15"
Hub/No Hub Cast Iron Soil Pipe	1½" – 6"	1½" – 10"
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" – 8"

Model 246 Type of Pipe	Pipe Size in Inches	
	Standard Capacity	Maximum Capacity
Clay Pipe	1½" – 6"	1½" – 15"
Hub/No Hub Cast Iron Soil Pipe	1½" – 6"	1½" – 10"
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" – 8"

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.

Model 276 Soil Pipe Cutter



Description

The Model 276 is a production tool designed for repeated cutting of hub and no hub cast iron, clay and concrete pipe.

Operating Instructions

WARNING

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

1. Place pipe to be cut on outstretched chain next to cutter jaws.
2. Open handle 90°
3. Holding tool in an upright position above pipe, wrap chain around the pipe with other hand.
4. Pull chain tight under, then up into jaws.
5. Engage pin nearest to jaw. Be sure slack of chain comes over the top.
6. Close jaws. At this point it is necessary that the handles be at the approximate proper angle to make the cut: 45° – 70° for cast iron and 22° – 45° for clay pipe.

IMPORTANT

If you cannot achieve the proper angle with the adjusting screw assembly, while the handles are closed, you have inserted the wrong pin. To solve this, disengage chain and pre-adjust jaws to insert the next pin.

Once you have determined the correct pins needed to cut that particular pipe size and type, you may want to mark that pin for quick identification on future cuts.

7. Place one foot on lower handle and snap the pipe with a sharp downward thrust. On extra heavy pipe, exert even downward pressure.

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.

Model 276 Tool Capacity

Type of Pipe	Pipe Size in Inches	
	Standard Capacity	Maximum Capacity
Clay Pipe	1½" – 6"	1½" – 15"
Hub/No Hub Cast Iron Soil Pipe	1½" – 6"	1½" – 10"
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" – 8"