PIPE TOOLS & VISES
SINCE 1896

HERRAMIENTAS PARA TUBOS Y PRENSAS
DESDE 1896

ROHRWERKZEUGE & SCHRAUBSTÖCKE
SEIT 1896

OUTILLAGE POUR TUBES ET ÉTAUX
DEPUIS 1896

管道工具与台钳
始于 1896

Operating Instructions

Hinged Cutter™

For cutting steel, ductile iron and cast iron pipe

Cortatubo Abisagrado

Para cortar tubos de acero, hierro dúctil y hierro fundido

Bedienungsanleitung Gelenkschneider

Zum Schneiden von Stahl, Sphäroguss und Gusseisenrohre

Lame à charnières

Pour découper l'acier et les tuyaux en fonte et fonte ductile

铰接式切管机

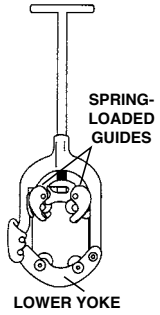
适合切碳钢、不锈钢、球墨铸铁及铸铁管

REED MANUFACTURING COMPANY
1425 WEST 8TH ST. ERIE, PA 16502 USA
PHONE: 800-666-3691 OR 814-452-3691 FAX: 800-456-1697 OR 814-455-1697
www.reedmfgco.com

1215 - #50071

Operating Instructions

1. Choose the cutter wheel for the right pipe application: steel, cast iron, etc. (Table 2)



2. Turn handle to open cutter enough to accommodate the size of pipe to be cut.
3. Place cutter around pipe with spring-loaded guides on top. Connect lower yoke by pushing upward to locked position. Turn the cutter handle until the wheels are uniformly touching the pipe.
4. Begin to cut the pipe by moving the entire cutter in a back and forth motion that constitutes a 90 - 110 degree swing.
5. Check to make sure that the wheels are tracking uniformly. If so, tighten the handle one-half turn each time that you bring the cutter handle back toward yourself.

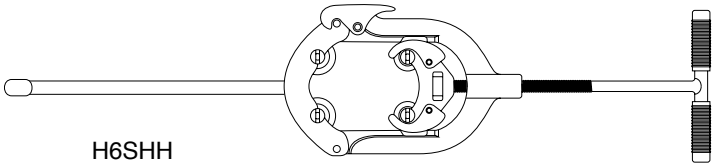
WARNING: DO NOT STOP FOR ANY SIGNIFICANT AMOUNT OF TIME IN THE MIDDLE OF A CUT! THE CUTTING ACTION GENERATES HEAT ON THE PIPE. UPON COOLING, THE WHEELS MAY BECOME WEDGED IN THE TRACK. THIS IS ESPECIALLY TRUE FOR DUCTILE IRON PIPE.

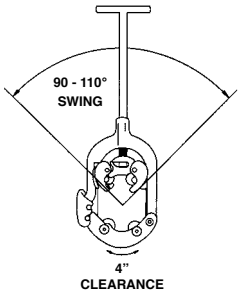
6. Complete the cut by maintaining pressure on the cutter wheels as you continue to swing the cutter in a back and forth motion.

USE LUBRICATING OIL: It will take less effort and prolong the life of the cutter wheels and pins. DO NOT use cutting oil.

BADLY CRUSTED AND RUST SCALED PIPE: Use a Reed Descaler (Table 3) to remove the rust and scale from the area to be cut. A hammer and chisel or coarse file may also be used. Descaling will help save cutter wheels and cutting time; and will help square the cutter on the pipe to insure tracking.

Hinged Cutters™ with Helper Handles operate in the same manner as regular Hinged Cutters. The second handle is screwed into the bottom of the cutter, 180 degrees across from the main handle. These models require handle-length clearance, though, to turn the cutter in a full circle. The helper handle models are designed to allow two people to make a team effort for bigger, tougher cuts. These models are also useful for horizontal cuts on vertical pipe such as well casing. They use the same wheels and maintenance as regular Reed Hinged Cutters.
NOTE: Leave the extra handle off for use as a regular Hinged Cutter, with its low clearance needs.





HELPFUL HINTS FOR DUCTILE IRON PIPE: Maintain maximum pressure on the cutter wheels. Continue feeding in with each revolution or cycle as ductile iron pipe tends to work harden and will become extremely difficult to penetrate. Once pipe is fractured, continue feeding to insure cut has in fact been completed all the way around the pipe.

CHANGING CUTTER WHEELS IN A REED HINGED CUTTER

1. Turn the cutter over to look at the back side of the tool. (This is the side opposite of the wheel pin heads.)
2. Using a punch or small screwdriver and hammer, gently tap on the wheel pin positioned in the center of the cutter wheel.
3. The wheel pin will pop up on the front side of the cutter just enough to enable you to remove the pin from the cutter wheel with your fingers.
4. Before installing the new wheel, make sure the wheel pin, wheel sides and wheel hole are greased. Place the replacement cutter wheel in the correct space. It is necessary to insert the wheel pin partially through the cutter wheel to keep it in position.
5. Looking at the front of the cutter, use the same punch or small screwdriver and hammer to gently tap the wheel pin into position. Notice there are two opposite flat sides on the top of the wheel pin. These flat sides must line up with the flat spots on the cutter itself.
6. When done correctly, the top of the wheel pin will be flush/even with the designated spot on the front of the cutter.

   VIDEO INSTRUCTION AVAILABLE:
   videos.reedmfgco.com/hingedcutters

NOTE:

- No cutter wheels available for cutting soil pipe.
- For cutting larger diameter pipe (up to 42") use Reed Rotary™ Cutters.
- For cutting cast iron and ductile iron up to 48" with air (pneumatic) power, use Reed Universal Pipe Cutters.

Table 3

PIPE DESCALERS

Cat. No.	Item Code	Pipe Cap.	Style	Length	
DS12	08000	3 - 12 in	Steel	70 - 300 mm	32 in	810 mm
DS36	08006	3 - 36 in	Steel	70 - 910 mm	44 in	1110 mm
DS12B	08008	3 - 12 in	Belt	70 - 300 mm	45 in	1143 mm
DS36B	08010	12 - 36 in	Belt	300 - 910 mm	72 in	1829 mm