

WIDDER
pipe cutting equipment



www.highprecisioninc.com

375 Morse St., Hamden CT 06517
(203) 777-5395 (800) 525-1997

18800 Hydraulic Power Hacksaw



PRODUCT INFORMATION AND OPERATING INSTRUCTIONS:

Description: Widder 18800 Hydraulic Power Hacksaw is a Hydraulic powered, heavy-duty hack saw for cutting and demolition.

Cutting Capacity: 6 & 1/2" under Blade Length with Standard Widder Clamp

Specifications: 1.5HP @ 5 GPM @ 1700 PSI
2 & 3/8" Stroke – Variable Speed (0-400 Strokes/Minute)

Weight: 21 lbs.

IMPORTANT: FOR YOUR SAFETY BEFORE OPERATING THIS UNIT, READ THIS OPERATOR'S MANUAL CAREFULLY AND COMPLETELY. LEARN THE OPERATION, APPLICATIONS, AND POTENTIAL HAZARDS PARTICULAR TO THIS TOOL.

SAFETY PRECAUTIONS:

Warning: When using air tools, basic safety precautions should always be followed to reduce the risk of injury, including the following:

1. **Avoid accidental starting.**
 - Keep needle valve shutoff closed when transporting or repositioning
2. **Disconnect Machine.**
 - This tool should be disconnected when not in use. If hydraulic power is, tool should be discharged of any stored fluid pressure.
3. **Maximum Pressure**
 - Maximum air pressure is 2000 PSI. Use 100 SUS Fluid w/ a 10 Micron filter at power source.
4. **Protect fluid lines**
 - Avoid using excessive length lines. Extended lines reduce tool power and are a working hazard.
 -
5. **Maintain Tool.**
 - Use sharp blades and keep Saw clean for optimum performance.
 - Keep handles clean, dry and free from oil and grease.
 -
6. **Do not force tool.**
 - Use tool mounted in Widder clamp with clamp tightly secured to work piece. Cut should be performed with adequate force to develop chips during cutting but not so as to stall the tool under load.
7. **Support work piece**
 - Be sure to support the work piece on both sides of any cut. An unsupported work piece can sag, pinching the blade and causing the blade to break or shatter.
8. **Dress properly.**
 - Do not wear loose clothing or jewelry. They can be caught in moving parts.
 - Work gloves and non-skid footwear are recommended.
 - Wear ear protection
 - Wear safety glasses.
9. **Maintenance.**

- Maintenance should be performed by a Widder Factory Authorized Service Representative.

10. Replacement Parts.

- When servicing use only genuine Widder replacement parts from an authorized distributor.

OPERATING INSTRUCTIONS:

Warning: Operator should be thoroughly familiar with safety precautions before attempting to operate this tool.

1. Install saw blade firmly with Lock plate and pin engaged with blade.
2. Be sure saw is firmly mounted on Widder Pipe Clamp. Close needle valve.
3. Start power source.
4. Adjust needle valve to desired speed.
5. Manually feed blade into cut, applying enough pressure to produce chips shaped like small 6 or 9 shaped pieces. Adjust saw speed to compensate for load if required.
6. If possible, apply lubricant, water, or air blast to cut. This will extend blade life, speed cutting time, and keep the blade and work piece cool.
7. **CAUTION:** no steel cutting blade can cut without the chance of heat or sparks. Do not use tool in explosive environments with out following all industry accepted practices for safe power tool and metal working operation