816USS CLAMSHELL LATHE

Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
PH: 651-388-7117 • TOLL FREE: 800-328-1488 • FAX: 651-388-0337
www.mactechonsite.com

Features

- Sever or simultaneous Sever/Bevel NPS 10 to NPS 16 schedule pipe.
- Cold cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Lightweight, low clearance design for easy handling in tight working spaces.
- Tool Holder accepts standard 3/4 or 1 inch tool bits.
- Air Caddy (air filter and oiler) included with air drive systems.
- Custom setups and drives available for your application.

Application Range

10.75 to 16.00 inch (273 to 406 mm) diameter pipe, NPS 10 to 16

Feed

Feed Mechanism: 7 point starwheel and tripper
Feed Rate: .004 inch (0.09 mm) per revolution

Drives

Air Drive
Air supply requirement: 100 cfm @100 psi (2.8 m³/min @ 6.9 bar)

Hydraulic Drive
HPU requirement: 10-15 gpm @ 1000 psi (38-57 lpm @ 69 bar) continuous pressure
Hydraulic motor includes hose whips and quick-disconnects

Weights (includes tool blocks and motor)

Operating Weights
816USS Air Drive: 161 lbs. (73 kg)
816USS Hydraulic Drive: 162 lbs. (73 kg)

Shipping Weights
816USS Air Drive: 289 lbs. (131 kg)
816USS Hydraulic Drive: 277 lbs. (126 kg)

Options

- Full line of tool bits
- Right angle and reversible drives
- Single Point machining attachment
- Axial Feed machining attachment
- Counterbore/Facing attachment
- Hydraulic Power Unit

816USS Nominal Pipe Size (NPS) Application Range
816USS CLAMSHELL LATHE

- Feed Pin Extended
- Max Pipe O.D. (NPS 16)
- Min Pipe O.D. (NPS 10)
- Machine O.D.
- Machine I.D.
- Tool Holder
- Tool Holder Shim
- To bottom of Tool Holder
- Air Motor
- Air Fittings
- Clamshell Body
- Hydraulic Motor

Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
PH: 651-388-7117 • TOLL FREE: 800-328-1488 • FAX: 651-388-0337
www.mactechonsite.com