

832USS CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS

Features

- Sever, Sever/Bevel and End Prep 26 to 32 inch diameter 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.



832USS Nominal Pipe Size (NPS) Application Range

Nominal Pipe Size (in.)	Schedule No.	Wall Thickness (in.)	Inside Diameter (in.)	Nominal Pipe Size (in.)	Schedule No.	Wall Thickness (in.)	Inside Diameter (in.)
26 (26.000)	10	0.312	25.376	30 (30.000)	5S	0.250	29.500
	ST, 40S	0.375	25.250		10, 10S	0.312	29.376
	XS, 80S	0.500	25.000		ST	0.375	29.250
28 (28.000)	10	0.312	27.376		20, XS	0.500	29.000
	ST, 40S	0.375	27.250		30	0.625	28.750
	20, 80S	0.500	27.000	32 (32.000)	10	0.312	31.376
	30	0.625	26.750		ST	0.375	31.250
					20	0.500	31.000
					30	0.625	30.750
					40	0.688	30.624

Options

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

Application Range

26.00 to 32.00 inch (660 to 813 mm) diameter pipe

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

832USS Air Drive: 257 lbs. (117 kg)

832USS Hydraulic Drive: 262 lbs. (119 kg)

Shipping Weights

832USS Air Drive: 440 lbs. (200 kg)

832USS Hydraulic Drive: 432 lbs. (196 kg)

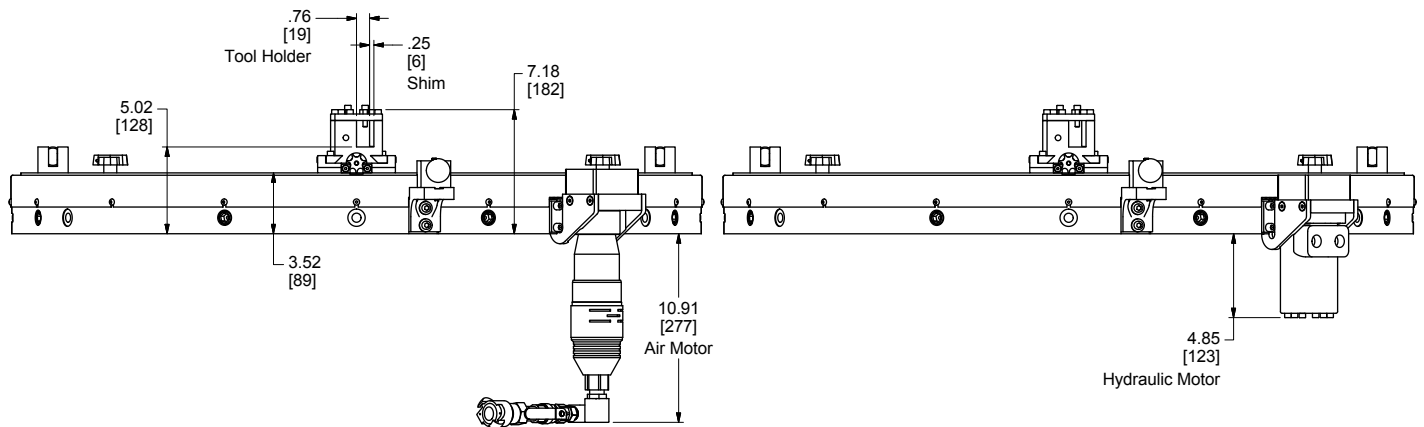
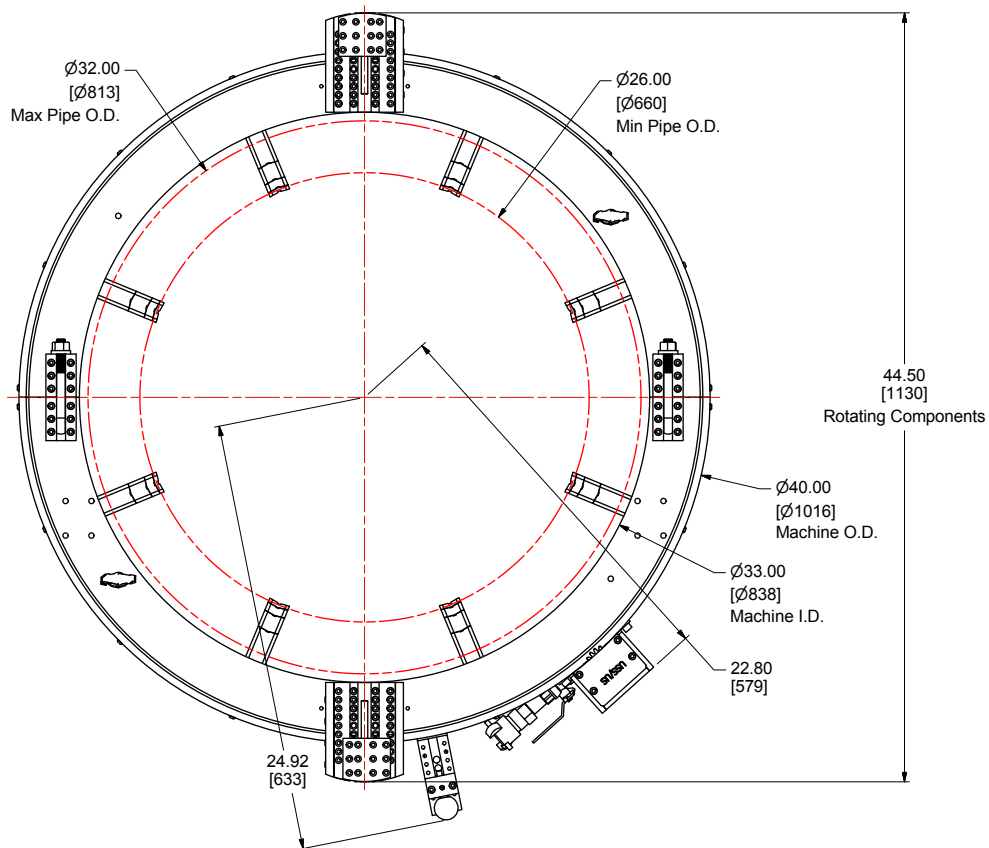


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