

836USS CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS

Features

- Sever, Sever/Bevel and End Prep 30 to 36 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.



836USS 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.)
30 (30.000)	5S	0.250	29.500	34 (34.000)	10	0.312	33.376
	10, 10S	0.312	29.376		ST	0.375	33.250
	ST	0.375	29.250		20	0.500	33.000
	20, XS	0.500	29.000		30	0.625	32.750
	30	0.625	28.750		40	0.688	32.624
32 (32.000)	10	0.312	31.376	36 (36.000)	10	0.312	35.376
	ST	0.375	31.250		ST, 40S	0.375	35.250
	20	0.500	31.000		XS, 80S	0.500	35.000
	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

30.00 to 36.00 inch (762 to 914 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

836USS Air Drive: 279 lbs. (127 kg)
836USS Hydraulic Drive: 286 lbs. (130 kg)

Shipping Weights

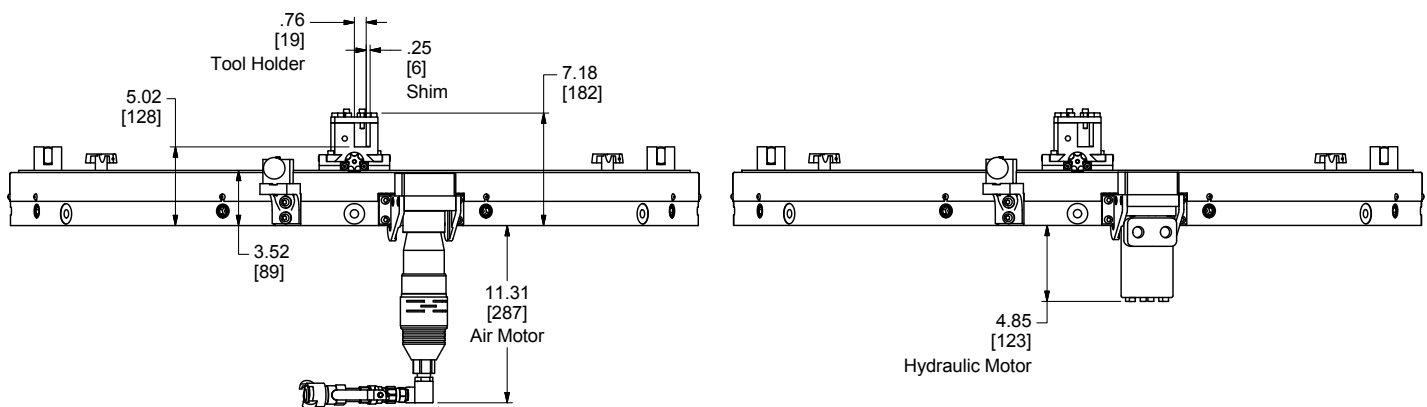
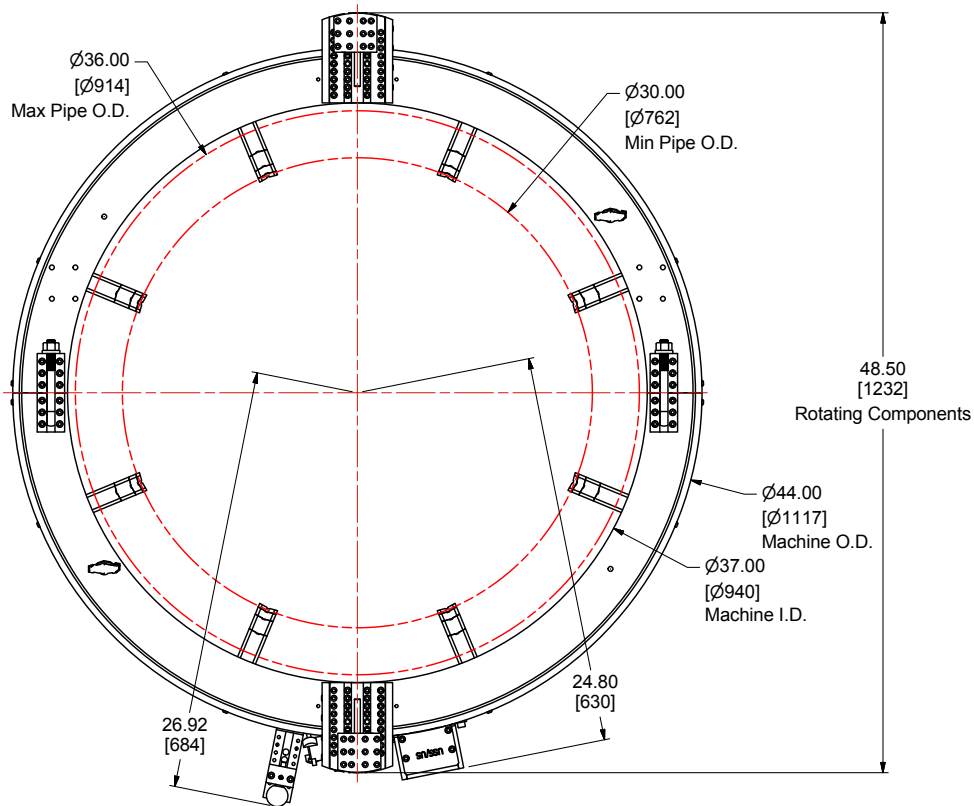
836USS Air Drive: 462 lbs. (210 kg)
836USS Hydraulic Drive: 456 lbs. (207 kg)



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