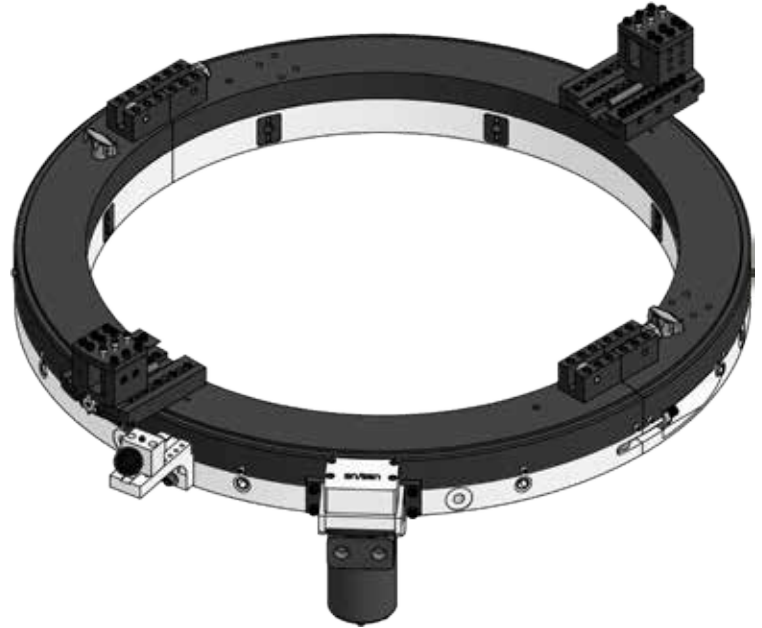


828USS CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS

Features

- Sever, Sever/Bevel and End Prep 22 to 28 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.



828USS 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.)
22 (22.000)	10, 10S	0.250	21.500	26 (26.000)	10	0.312	25.376
	ST, 20, 40S	0.375	21.250		ST, 40S	0.375	25.250
	XS, 30, 80S	0.500	21.000		XS, 80S	0.500	25.000
	60	0.875	20.250	28 (28.000)	10	0.312	27.376
	80	1.125	19.750		ST, 40S	0.375	27.250
	100	1.375	19.250		20, 80S	0.500	27.000
	120	1.625	18.750		30	0.625	26.750
	140	1.875	18.250				
	160	2.125	17.750				
24 (24.000)	5S	0.218	23.564				
	10, 10S	0.250	23.500				
	20, ST	0.375	23.250				
	XS	0.500	23.000				
	30	0.562	22.876				
	40	0.688	22.624				
	60	0.969	22.062				
	80	1.219	21.562				
	100	1.531	20.938				
	120	1.812	20.376				
	140	2.062	19.876				
	160	2.344	19.312				

Application Range

22.00 to 28.00 inch (559 to 711 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

828USS Air Drive: 228 lbs. (103 kg)

828USS Hydraulic Drive: 234 lbs. (106 kg)

Shipping Weights

828USS Air Drive: 411 lbs. (186 kg)

828USS Hydraulic Drive: 404 lbs. (183 kg)

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



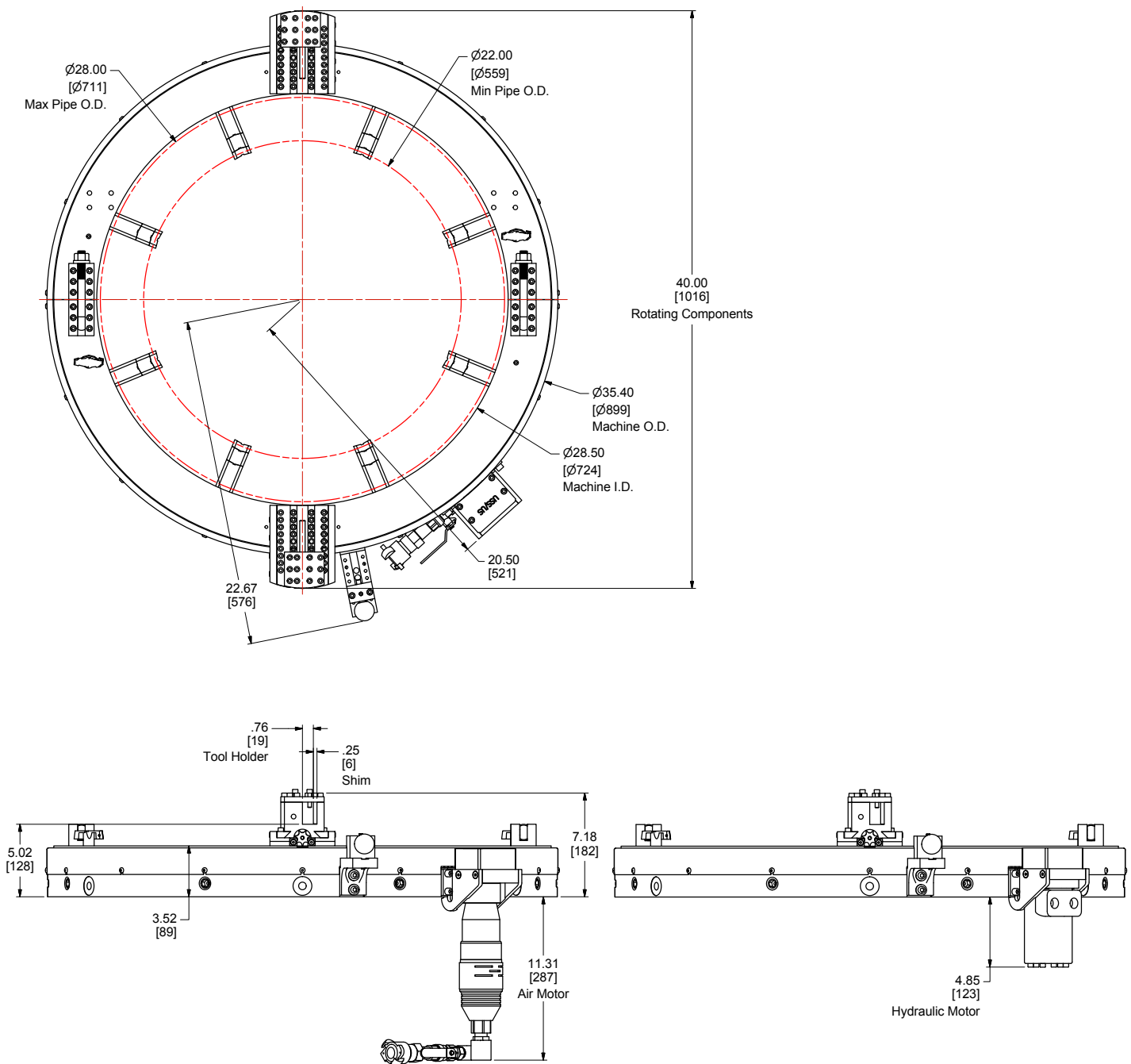
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