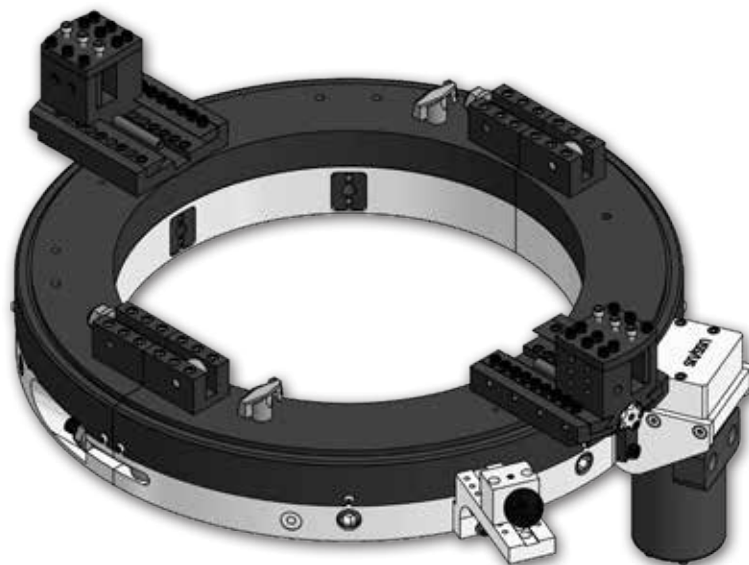


816USS CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS

Features

- Sever, Sever/Bevel and End Prep 10 to 16 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.



816USS 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.)
10 (10.750)	5S	0.134	10.482	14 (14.000)	5S	0.156	13.688
	10S	0.165	10.420		10S	0.188	13.624
	20	0.250	10.250		10	0.250	13.500
	30	0.307	10.136		20	0.312	13.376
	40ST, 40S	0.365	10.020		30, ST	0.375	13.250
	60XS, 80S	0.500	9.750		40	0.438	13.124
	80	0.594	9.562		XS	0.500	13.000
	100	0.719	9.312		60	0.594	12.812
	120	0.844	9.062		80	0.750	12.500
	140, XX	1.000	8.750		100	0.938	12.124
12 (12.750)	160	1.125	8.500		120	1.094	11.812
	5S	0.156	12.438	16 (16.000)	140	1.250	11.500
	10S	0.180	12.390		160	1.406	11.188
	20	0.250	12.250		5S	0.169	15.670
	30	0.330	12.090		10S	0.188	15.624
	ST, 40S	0.375	12.000		10	0.250	15.500
	40	0.406	11.938		20	0.312	15.376
	XS, 80S	0.500	11.750		30, ST	0.375	15.250
	60	0.562	11.626		40, XS	0.500	15.000
	80	0.688	11.374		60	0.656	14.688
	100	0.844	11.062		80	0.844	14.312
12 (12.750)	120, XX	1.000	10.750		100	1.031	13.938
	140	1.125	10.500		120	1.219	13.562
	160	1.312	10.126		140	1.438	13.124
					160	1.594	12.812

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

10.00 to 16.00 inch (254 to 406 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

816USS Air Drive: 158 lbs. (72 kg)
816USS Hydraulic Drive: 165 lbs. (75 kg)

Shipping Weights

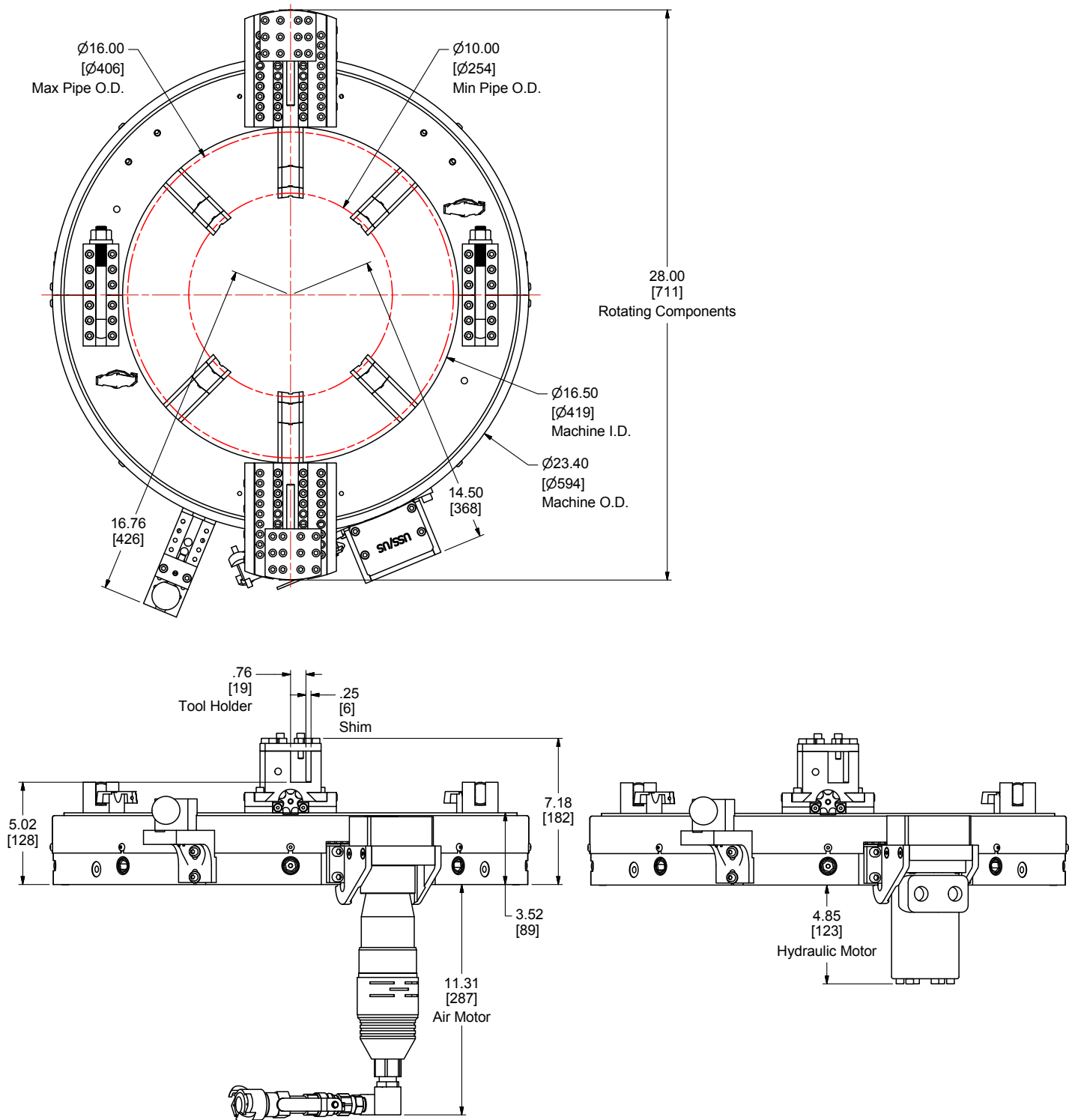
816USS Air Drive: 286 lbs. (130 kg)
816USS Hydraulic Drive: 280 lbs. (127 kg)



Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
Phone: 651-388-7117 • Toll Free: 800-328-1488
www.mactechonsite.com

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