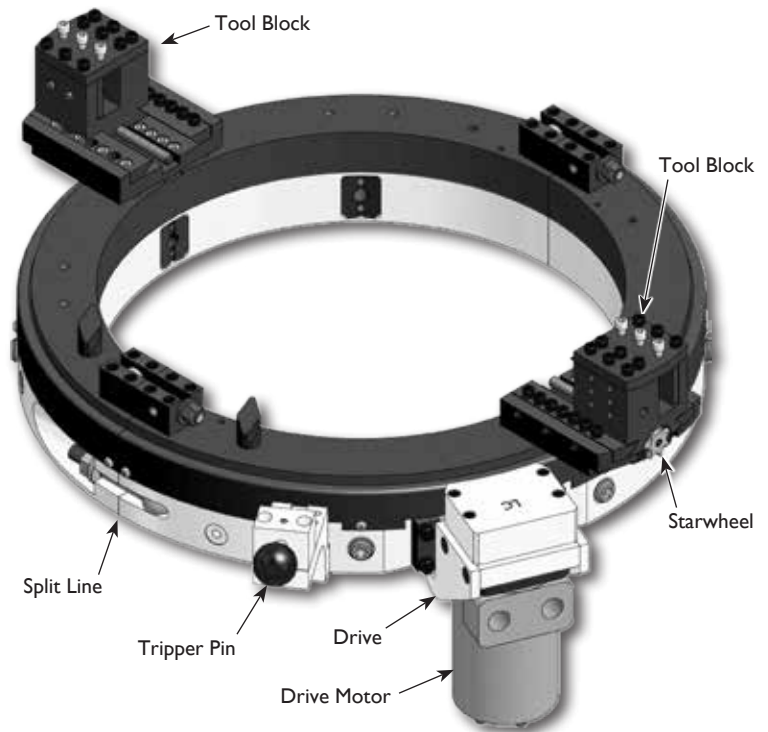


816LC CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS

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.



816LC 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
160	1.125	8.500	120	1.094	11.812		
12 (12.750)	5S	0.156	12.438	140	1.250	11.500	
	10S	0.180	12.390	160	1.406	11.188	
	20	0.250	12.250	16 (16.000)	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
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		

Mactech 816LC Clamshell Lathe

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

816LC Air Drive: 107 lbs. (49 kg)

816LC Hydraulic Drive: 105 lbs. (48 kg)

Shipping Weights

816LC Air Drive: 231 lbs. (105 kg)

816LC Hydraulic Drive: 216 lbs. (98 kg)

Options

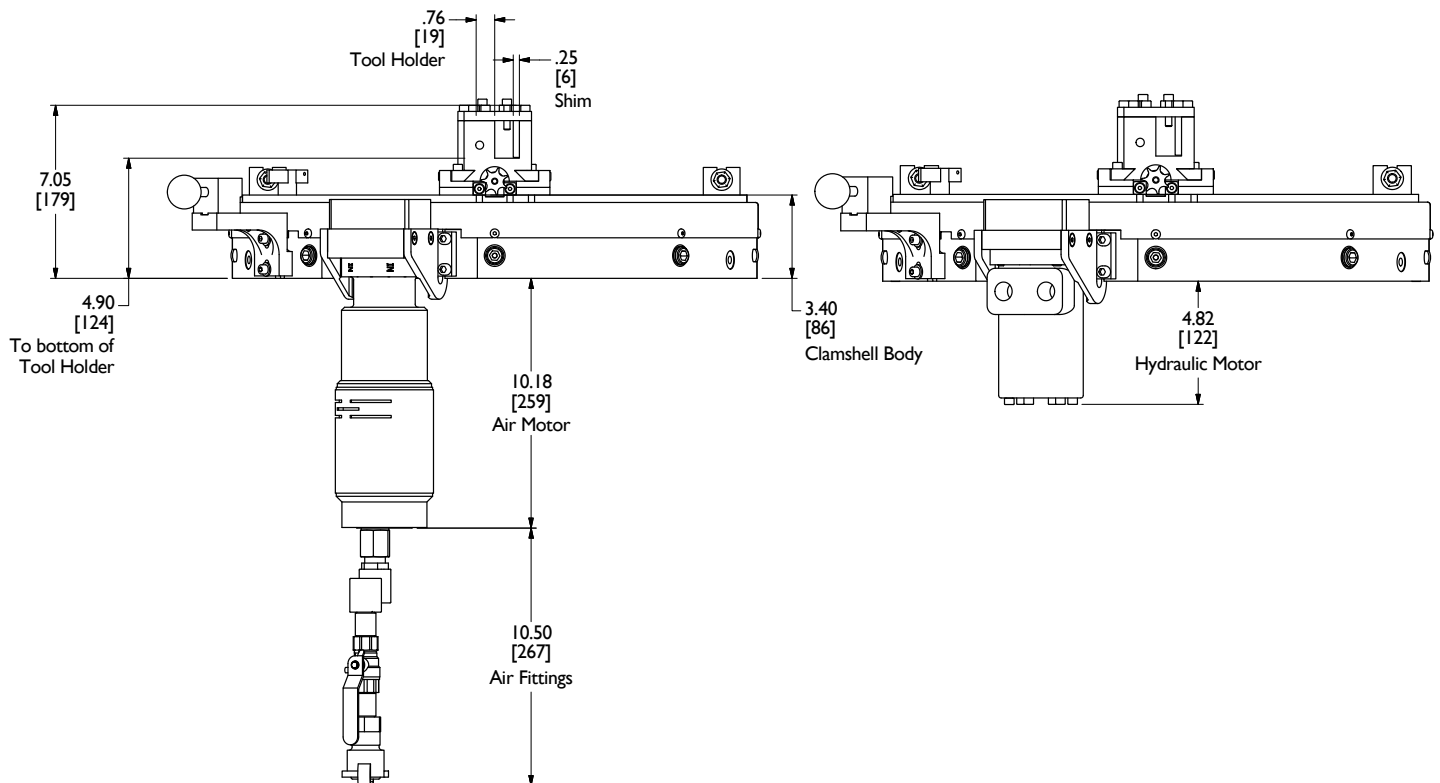
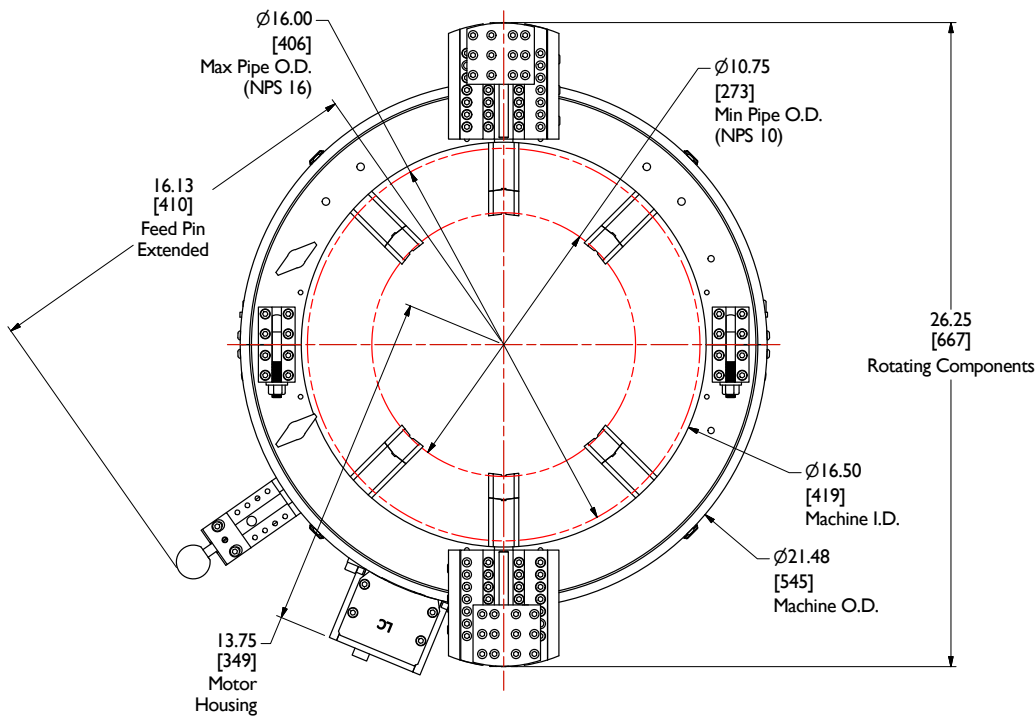
- Full line of tool bits
- Right angle and reversible drives
- Single Point machining attachment
- Axial Feed machining attachment
- Counterbore/Facing attachment
- Hydraulic Power Unit



Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
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www.mactechonsite.com

816LC CLAMSHELL LATHE

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