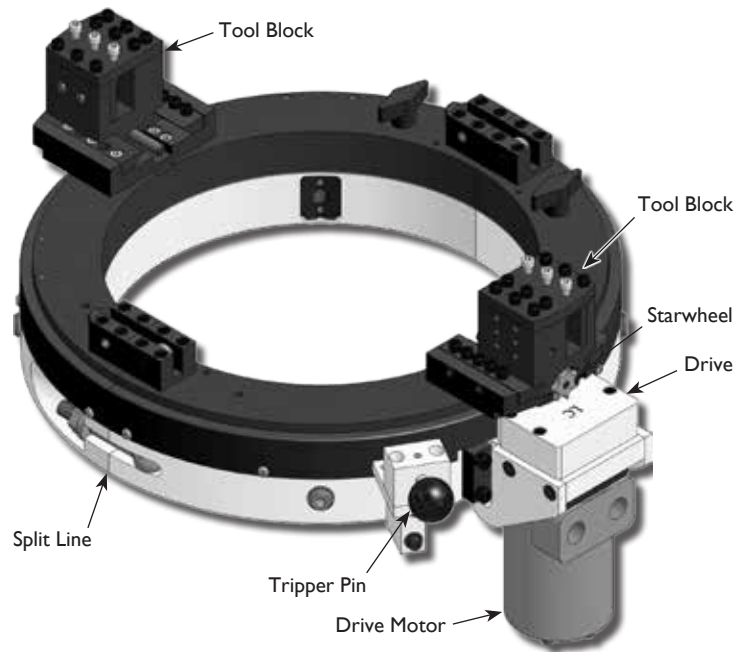


812LC CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS

Features

- Sever or simultaneous Sever/Bevel NPS 6 to NPS 12 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.



Mactech 812LC Clamshell Lathe

812LC 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.)
6 (6.625)	5S	0.109	6.407	10 (10.750)	5S	0.134	10.482
	10S	0.134	6.357		10S	0.165	10.420
	40ST, 40S	0.280	6.065		20	0.250	10.250
	80XS, 80S	0.432	5.761		30	0.307	10.136
	120	0.562	5.501		40ST, 40S	0.365	10.020
	160	0.719	5.187		60XS, 80S	0.500	9.750
	XX	0.864	4.897		80	0.594	9.562
8 (8.625)	5S	0.109	8.407	100	0.719	9.312	
	10S	0.148	8.329	120	0.844	9.062	
	20	0.250	8.125	140, XX	1.000	8.750	
	30	0.277	8.071	160	1.125	8.500	
	40ST, 40S	0.322	7.981	12 (12.750)	5S	0.156	12.438
	60	0.406	7.813		10S	0.180	12.390
	80XS, 80S	0.500	7.625		20	0.250	12.250
	100	0.594	7.437		30	0.330	12.090
	120	0.719	7.187		ST, 40S	0.375	12.000
	140	0.812	7.001		40	0.406	11.938
	XX	0.875	6.875		XS, 80S	0.500	11.750
160	0.906	6.813	60		0.562	11.626	
			80		0.688	11.374	
			100		0.844	11.062	
			120, XX		1.000	10.750	
			140	1.125	10.500		
			160	1.312	10.126		

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

Application Range

6.63 to 12.75 inch (168 to 324 mm) diameter pipe, NPS 6 to 12

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

812LC Air Drive: 96 lbs. (44 kg)
812LC Hydraulic Drive: 100 lbs. (45 kg)

Shipping Weights

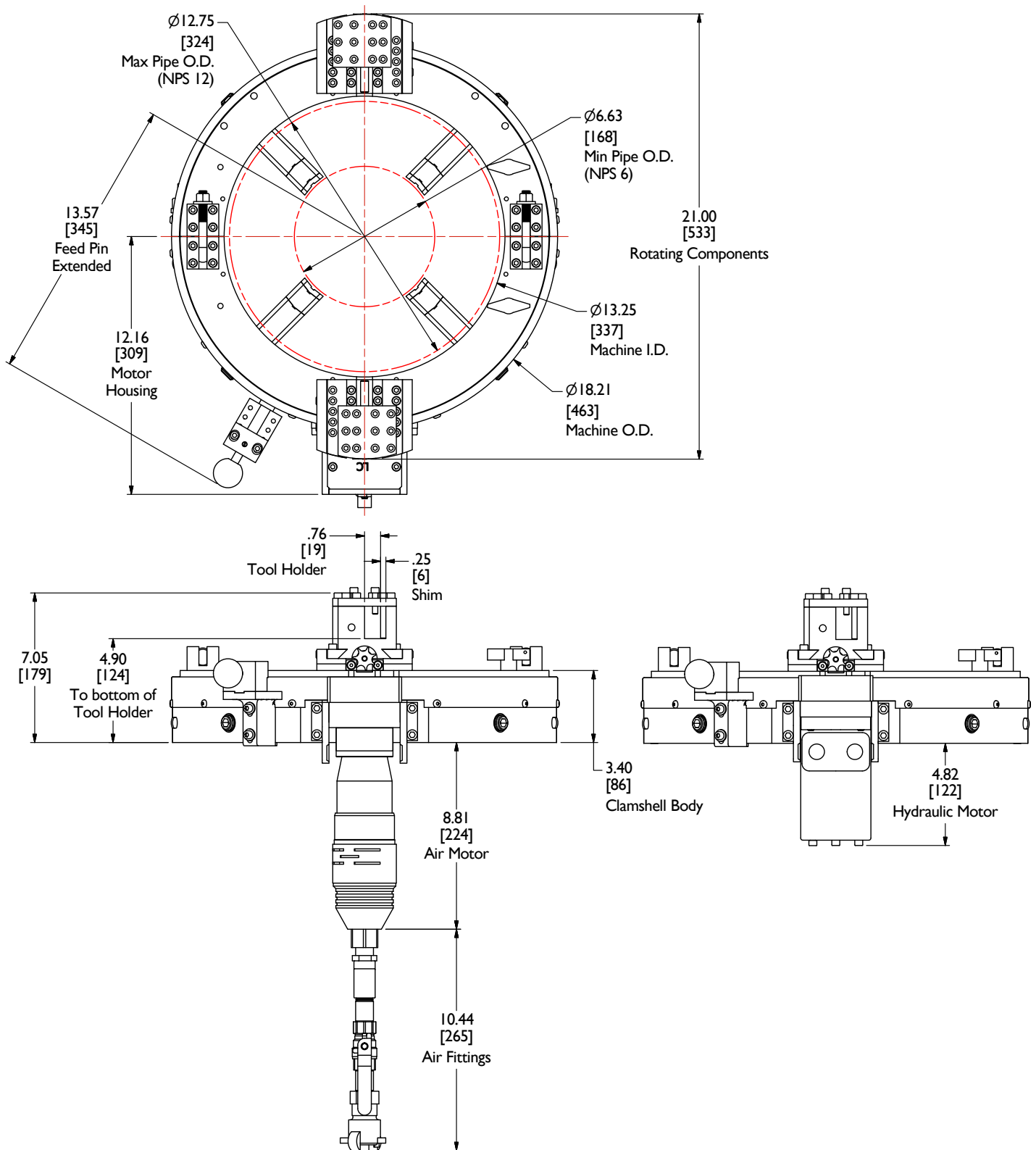
812LC Air Drive: 185 lbs. (84 kg)
812LC Hydraulic Drive: 176 lbs. (80 kg)



Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
PH: 651-388-7117 • TOLL FREE: 800-328-1488 • FAX: 651-388-0337
www.mactechonsite.com

812LC CLAMSHELL LATHE

MACTECH PORTABLE MACHINING SOLUTIONS



Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
 PH: 651-388-7117 • TOLL FREE: 800-328-1488 • FAX: 651-388-0337
www.mactechonsite.com