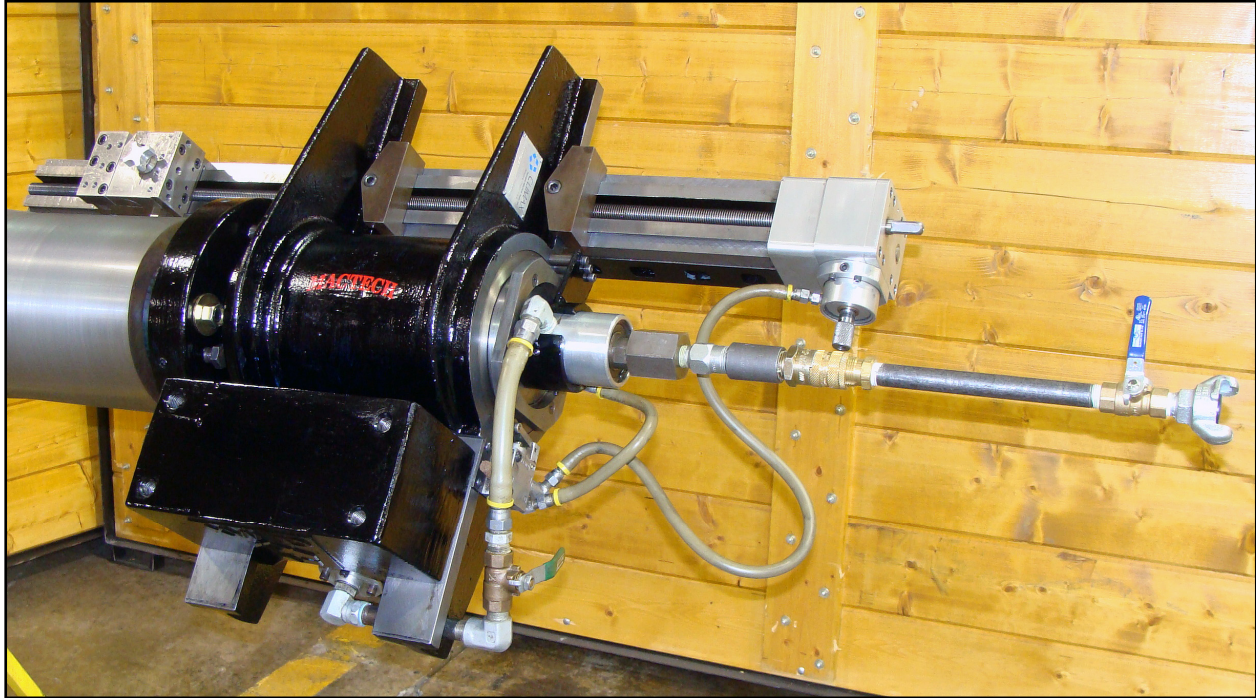


MACTECH RENTAL EQUIPMENT

END MOUNT SHAFT LATHE “EMSL”

The Mactech End Mount Shaft Lathe (EMSL) is a pneumatic-powered portable unit that mounts to the end of the work piece. The EMSL can perform all turning operations on straight and tapered shafts from 8 to 24 inches (203.2 to 609.6mm) in diameter.



Specifications

Shaft Diameter:

Minimum.....	8 inches (203.2mm)
Maximum (standard tool holder)	18 inches (457.2mm)
Maximum (with extender).....	24 inches (609.6mm)

Cutting Reach:

Minimum (standard tool holder)	0 inches (0mm)
Maximum (standard tool holder)	24.75 inches (628.7mm)
Minimum (with Extension Kit).....	3.25 inches (82.6mm)
Maximum (with Extension Kit).....	27 inches (685.8mm)

Maximum Taper:

2.5 inches per foot on 8 to 18 inch diameter
(63.5mm per 304.8mm on 203.2mm to 457.2mm diameter)

Total Vertical Tool Travel:

1.5 inches (38.1mm)



Mactech, Inc. • 4079 Pepin Ave. • Red Wing, MN 55066
Toll Free: 800-328-1488 • Office: 651-388-7117 • Fax: 651-388-0337 • www.mactechonsite.com

MACTECH RENTAL EQUIPMENT

Tool Feed, Reversible:

0 to .020 inches/revolution (0 to 0.5mm/revolution)

Maximum Torque at Tool Head:

450 ft/lbs (610.1 Nm)

Air Motor:

Rotational Speed at Max Rated HP 520 RPM

Rotational Speed at No Load..... 1100 RPM

Air Consumption (at Max Rated HP):

90 PSI @ 48 ft³/min (620 kPa @ 136 cm³/min)

Machine Rotational Speed:

21 RPM @ Max Rated HP

30 RPM @ No Load

Tool Bit:

1/2 inch (12.7mm) square cutter

General Information

Weights and Dimensions:

Operating Weight 413 lbs (187.3 kg)

Shipping Weight..... 550 lbs (249,5 kg)

Shipping Dimensions 53 x 38 x 19 inches (1346.2 x 965.2 x 482.6mm)

The EMSL Portable Lathe comes complete with the following:

- Pneumatic Drive
- Air Caddy (filter and lubricator)
- Extension Kit
- Tool Kit
- Hand Tools
- Operating Manual and Parts List
- Shipping and Storage Crate

Technical Support:

Mactech, Inc. recommends on-site training for your technicians by our technical support personnel to assure proper operation and maintenance. Costs would be predicated on travel expenses, number of days required to train technicians, per diem, etc.



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