

# EP3 END PREP LATHE

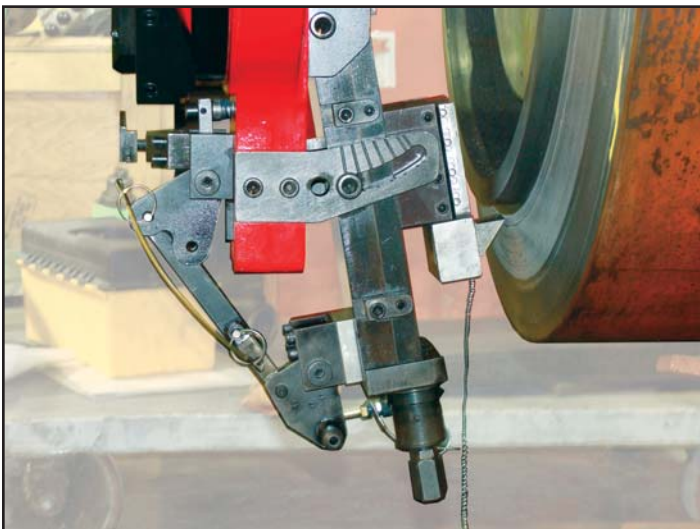
MACTECH PORTABLE MACHINING SOLUTIONS

## Versatile, Accurate, Fast Set-up End Prep Lathe

Mactech's EP3 End Prep Lathe is the tool to use for re-surfacing large diameter, heavy wall pipe and piping components. This versatile tool performs a variety of end prep operations, including flange face, bevel, J-bevel, counterbore, taper, groove and bore. Set-up can take as little as 5 minutes so downtime is kept to a minimum. The independently adjustable leg chuck system mounts to the inside diameter and can be fine-tuned to perform precise and accurate cuts. The adjustable chuck allows the EP3 to be used on short straight run pipe, elbows and valve bodies. A self centering I.D. mount chuck is also available.



*EP3 End Prep Lathe*



*Adjustable Angle Tool Holder*

### Features

- Quick and easy set-up
- Flange face, bevel, J-bevel, counterbore, taper, groove, bore...the EP3 does it all!
- Uses standard 1 inch tooling
- Adjustable angle tool holder
- Reliable, heavy-duty design
- Precise cutting
- Adjustable feed rate
- Optional dual tool posts
- Optional self-centering chuck



**CALL 1800 023 859 TO SPEAK WITH ONE OF OUR TECHNICIANS**

**Innovative Onsite Engineered Solutions**

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## Specifications

**Machining Range:** 6 to 36 inches O.D. (152.4 to 914.4mm)

**Machining Functions:** Bevel, Counterbore, Taper, Groove, Face, Bore

**Tool RPM:** 0-25 RPM

### Adjustable Angle Tool Post:

- **Standard:** 90°, 37-1/2°, 20°, 10°, Bevel Angles
- **Optional:** 30°, 20°, 10°

**Maximum Axial Travel:** 5 inches (127mm)

**Radial Feed Rate:** 0 - .005 inches (0.13mm) per ramp, 6 ramps available, bi-directional feed

**Tool Posts:** One tool post standard, dual tool posts optional

**Tooling:** 1 inch (25.4mm) square carbide insert, 1 inch square form tools

**Drive:** Air or Hydraulic

**Air Requirements:** 100 cfm @ 90 psi (2.8m<sup>3</sup> @ 6.2 bar)

**Hydraulic Requirements:** 10 gpm @ 1500 psi (38 lpm @ 106 bar)

**Clearance Radius:** 20.5 inches (521mm)

### Weights

- **Operating Weight:** 210 lbs (95.3kg)
- **Shipping Weight:** 375 lbs (170kg)

### Dimensions

- **Width:** 44 inches (1118mm)
- **Height:** 44 inches (1118mm)
- **Length:** 23 inches (584mm)



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