



# Porta-Tools™

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Division of:  
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## Series II Flange Facer Technical Information

Specifications are subject to change without notice.

Model	Mounting Diameters	Cutting Diameters
Series II	4.750 thru 24.500 (120.65) thru (622.30)	4.750 thru 34.000 (120.65) thru (863.60)
Series III Option	24.000 thru 40.500 (609.60) thru (1028.70)	24.000 thru 48.000 (609.60) thru (1219.20)
Series IV Option	40.000 thru 60.000 (1016.00) thru (1524.00)	40.000 thru 66.000 (1016.00) thru (1676.40)

**Air motor:** 1.45 hp  
**Air motor requirements:** 90 psi @ 48 ft<sup>3</sup>/min (CFM)  
(at max power)

**Hyd motor requirements:** 1200 psi @ 12 GPM  
(at max power)

**Torque at cutter:**  
**Air motor** 950 ft-lb (at rated hp)  
**Hyd motor** 1400 ft-lb (at rated hp)

**RPM:**  
Free speed 0 - 26  
At max torque 13

### Features:

1. Worm and worm-gear power-head produces high torque for demanding operations.
  2. Four speed gearbox with easily selectable In, Neutral or Out radial feed. Available base-slide radial feed rates are .007, .010, .017 and .032 inches per revolution.
  3. Dovetail base-slide and slide brace for maximum rigidity and precision.
  4. Variable angle dovetail type cross-slide permits 360° ridged adjustment of cross-slide.
  5. Spherical knuckle alignment feature permits quick, precise and ridged perpendicular alignment to the flange face.
  6. Three jaw, independently adjustable internal mounting chuck for quick concentric adjustment to the flange bore.
  7. Modular design that will normally permit one person to assemble and operate the Series II.
  8. Expandable to 66.000 inches with Series III and Series IV base, slide and counter-balance options.
  9. High speed air grinding options.
- All hand tools necessary to assemble and operate machine are included.