



114.3mm to 339.7mm

*World Leaders in Tubular  
Finishing Technologies*

RPP13-3

# CNC PIPE FINISHING MACHINE

MODEL

## RPP13-3

114.3mm to 339.7mm\*  
4 1/2" to 13 3/8"

\*Nominal Pipe Size



*Tooling designed in accordance  
with product specifications.*

## Designed for API & Premium Connections

- Product Rotating Technology
- Quality and Accuracy Unmatched by Conventional Lathes
- Tooling Designed To Optimize Machine Productivity
- Exclusive PMC-Colinet Chucks
- PMC-Colinet Heavy Duty Hydraulic 6 Station Turret



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RPP13-3



MODEL  
**RPP13-3**  
TECHNICAL  
SPECIFICATIONS

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**PIPE FINISHING:**

- Nominal Diameters: 114.3mm to 339.7mm
- Three Axis CNC Pipe End Finisher – Product Rotating Technology  
1 longitudinal and 2 transverse carriages
- Spindle Speed: 600 RPM (max.)
- Spindle Motor Power: Up to 170kW (225Hp)
- Hydraulically actuated spindle play compensator
- Hydraulically actuated, dual chucks
- Auto Centering, front Chuck with 6 jaws at 60° intervals -
  - 3 Centering Jaws mounted on individual Centering Arms (fixed position)
  - 3 Clamping Jaws (floating)  
Adjustable clamping pressure  
10mm clamping stroke
  - Rear Chuck - 3 jaw design (used in fixed or floating mode)  
Adjustable clamping pressure  
10mm clamping stroke
- Longitudinal Stroke: 600mm
- Transversal Stroke: 2 @ 160mm
- Coolant System: 100 liters/min @ 22 bar (26.4 gpm @ 320 psi)
- 45° Cast Iron Slant Bed
- Cast Iron Spindle Housing
- Carriage weight is hydraulic cylinder compensated
- Resin Coated (replaceable) Carriage Slides
- Integral Pipe Stop
- Self-contained spindle lubrication and hydraulic power unit (HPU)
- Machine Guard Assembly
  - Fully encloses cutting zone
  - Captures coolant and chips to protect operator
  - Impact resistant viewing window
- Overall Dimensions: 3650 x 2300 x 2100 (mm)
- Approximate Weight: 26,500 kg

**STANDARD FEATURES:**

- 2 axis main carriage
- Hydraulically actuated chucks
- Hydraulically actuated main turret (horizontal axis of rotation)
- Integral spindle lubrication and HPU
- Complete set of jaws for API product
- Fully automatic handling table

**OPTIONS:**

- Chip conveyor
- Vertical axis main turret
- Pipe stabilizers (conformators)
- Durable and perishable tooling for API & Premium Products
  
- 5 Axis design to maximize productivity of API & Premium Products

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