



114.3mm to 406.4mm

*World Leaders in Tubular
Finishing Technologies*

CNC CENTER DRIVE COUPLING FINISHING MACHINE

MODEL

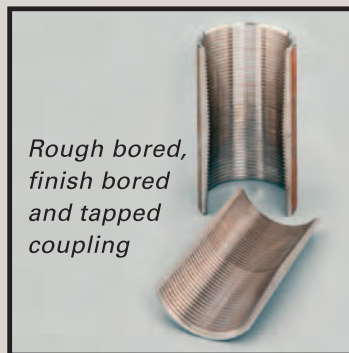
RPC16-4

114.3mm to 406.4mm*
4 1/2" to 16"

*Nominal Pipe Size



RPC16-4



*Tooling designed in accordance
with product specifications.*



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Designed for API & Premium Connections

- Product Rotating Technology
- Machines both sides of coupling blanks simultaneously
- Designed for API and Premium Connections
- Quality and Accuracy Unmatched by Conventional lathes
- Exclusive PMC-Colinet Chuck



RPC16-4



MODEL
RPC16-4
TECHNICAL
SPECIFICATIONS

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CDM COUPLING FINISHING:

- Nominal Diameters: 114.3 mm to 406.4 mm
- Coupling Length / Weight: 600mm / 90kg.
- Center Drive CNC Coupling Finisher
- Product Rotating Technology
- Two (2) Vertical Axis 4 Position Turrets —
Simultaneously machine both sides of coupling blank
- Spindle Speed: 700RPM (max.)
- Spindle Motor Power: 165kW (215 hp)
- Centrally Located Hydraulic Chuck with 6 jaws at 60° intervals
 - 3 Centering Jaws (fixed position)
 - 3 Clamping Jaws (floating)
Adjustable clamping pressure
12mm clamping stroke
- Longitudinal Stroke: 600mm
- Transversal Stroke: 600mm
- Coolant System: 300 liters/min @ 22 bar (80 gpm @ 450 psi)
- Two (2) Axis Main Carriages
- Resin Coated (replaceable) Carriage Slides
- Carriage weight is hydraulic cylinder compensated
- 45° Cast iron Slant Bed
- Cast Iron Spindle Housing
- Self-contained spindle lubrication and hydraulic power unit (HPU)
- Fully integrated automatic load/unload system
- Machine Guard Assemblies
 - Fully enclose each cutting zone
 - Capture coolant and chips to protect operator
 - Impact resistant viewing window
- Overall Dimensions: 7000mm x 3300mm x 3500mm
- Approximate Weight: 24,900 kg

STANDARD FEATURES:

- Hydraulically actuated chuck with pneumatic chip evacuation
- Integral spindle lubrication and HPU
- Complete set of jaws for API product

OPTIONS:

- Chip conveyor
- Durable and perishable tooling for API & Premium Products

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