



114.3mm to 339.7mm

*World Leaders in Tubular  
Finishing Technologies*

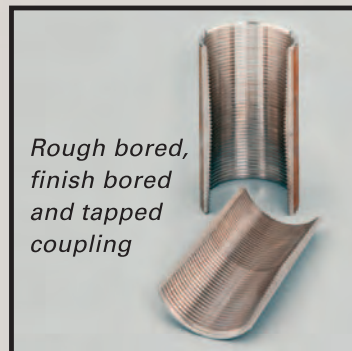
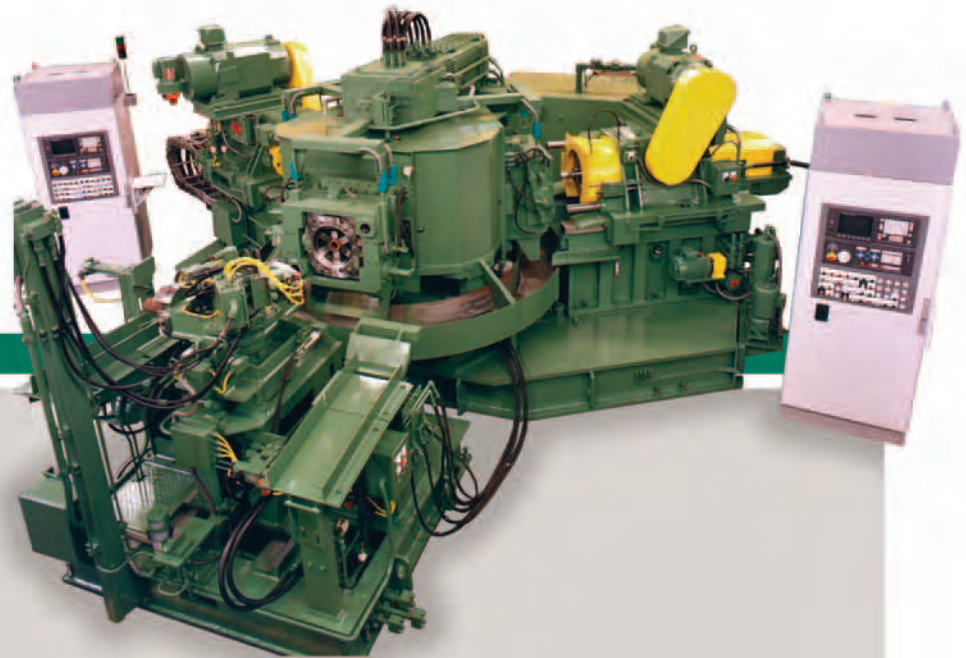
# CNC COUPLING FINISHING MACHINE

MODEL

## RTC13

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

\*Nominal Pipe Size



*Tooling designed in accordance  
with product specifications.*



Park-Ohio  
Company

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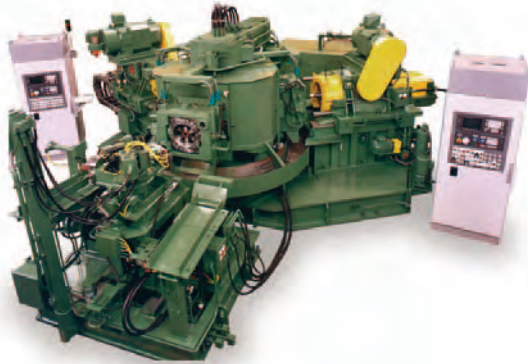
## Designed for API & Premium Connections

- Tool Rotating Technology
- 4 Station Indexing Turret with 4 Roll-Over chucks
- Automatic Load/Unload Device
- PC Based Windows® Operating System

RTC13



RTC13



MODEL  
**RTC13**  
TECHNICAL  
SPECIFICATIONS

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**4 STATION INDEXING TURRET  
WITH ROLL-OVER CHUCKS:**

- Servo-Hydraulic Drive that Indexes in 90° Increments
- Locking Pins at Each Station Ensure Correct Alignment
- Integral Chip and Coolant Trough
- (4) Hydraulically Actuated Roll-Over Chucks with 6 Jaws at 60° Increments
  - 3 Centering Jaws (fixed)
  - 3 Clamping Jaws (floating)
  - Adjustable Clamping Pressure

**LOAD/UNLOAD STATION:**

- Hydraulically Actuated Single Head Design
- Hydraulically Actuated, Replaceable Gripper Fingers

**BORE STATION:**

- Two Axis CNC Rough and Finish Bore Machine
- Spindle Speed: 500 rpm
- Spindle Motor: 95 kW (125 hp)
- X-Axis (Radial) Stroke: 12 mm
- Z-Axis (Longitudinal) Stroke: 406 mm
- Coolant System: 150 liters/min @ 70 bar
- Welded Construction Machine Bed and Spindle Housing
- Hardened and ground, Replaceable Bed Ways
- Self-Contained Spindle Lubrication

**TAP STATION:**

- Two Axis CNCTap and Seal Machine
- Spindle Speed: 500 rpm
- Spindle Motor 55 kW (75 hp)
- X-Axis (Radial) Stroke: 25 mm
- Z-Axis (Longitudinal) Stroke: 406 mm
- Coolant System: 150 liters/min @ 70 bar
- Welded Construction Machine Bed and Spindle Housing
- Hardened and Ground, Replaceable Bed Ways
- Self-Contained Spindle Lubrication

- Overall Dimensions: 7920 x 8530 mm
- Total Weight: 48,700 kg

**STANDARD FEATURES:**

- Independently Controlled CNC Bore and Tap Stations
- High Pressure Coolant System
- Automatic Loader/Unloader with Adjustable Load and Unload Magazines
- Chip Conveyor
- Inspection/Tool Change Station

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