

Manchester Tool and Die

Model M10-3-R

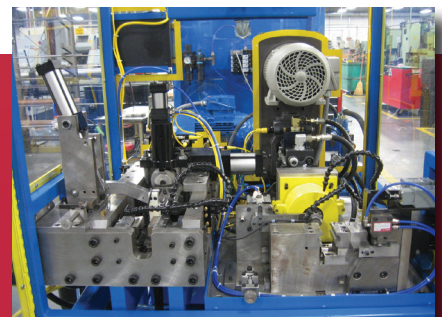
Multi-Platform Tube End Forming System

The Manchester model M10-3-R is a hydraulically operated end forming/roll forming machine using standard MTD components with the same tooling as the M71-H-3 and 24008 machines.



The machine offers intuitive, graphic touch-screen HMI, user-friendly, programmable,

providing flexible control, including diagnostics. The end forming stations are positioned so operator can easily access each consecutively or simultaneously.



www.mtdtube.com

Manchester Model M10-3-R Tube End Forming System

MTD SPECIFICATIONS

Standard Features

- Cycle Time: 5 to 7 seconds, endform dependent*
- Tube OD Range: 1/4" to 3/4"
- Hydraulic Unit: 20HP, 21GPM & 9GPM
- 480V 24VDC control
- Pneumatic Requirement: 80 PSI @ 3 CFM
- Pneumatic, solenoid operated flag stop with part present sensor
- Automatic Tool Lubrication
- Automatic Machine Lubrication
- 12 Month Warranty
- Machine Run-off Before Shipment

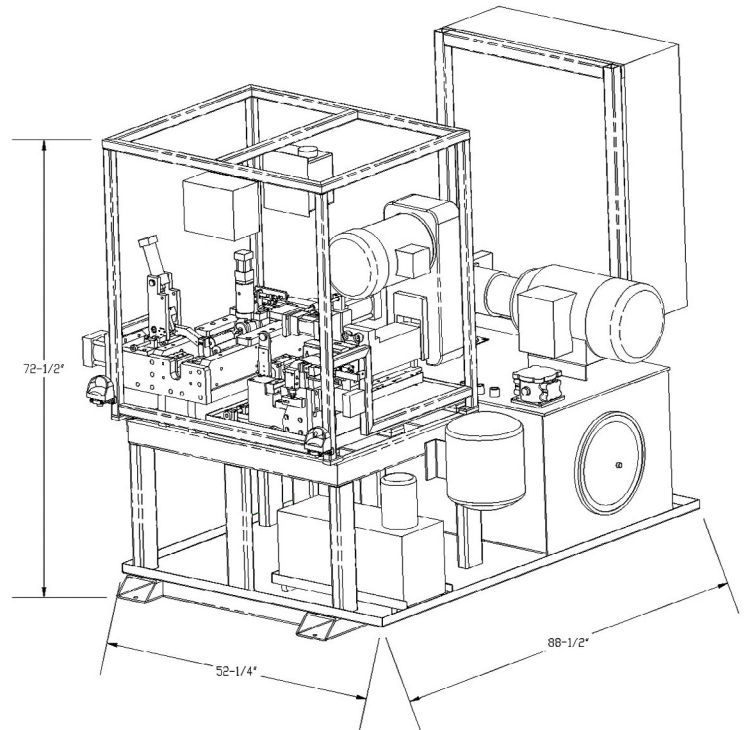
* Cycle time depends on the application and optional equipment.

End Forming Station

- Ram Cylinder: 3-1/4" bore x 6" stroke, with 5 tons ram force
- Clamp Cylinder: 3-1/4" bore x 1" stroke, with 5 tons clamp force
- 3 positions: Pneumatic swing shuttle offering 1 to 3 hits
- 1200 PSI Working Pressure

Roll Forming Station

- Clamp Cylinder: 2-1/2" bore x 1-1/2" stroke, with 2 tons clamp force
- 5 HP Rolling Forming Head
- 1/8 HP Bearing Cooling System
- 800 PSI Working Pressure



Machine weight without oil is approximately 5,500 lbs.

Available

- Installation Supervision & Training

Advanced Features

- Easy Access for Tooling Changeover and Service
- Compact Footprint



Manchester Tool & Die, Inc. also works with the customer to create machines for unique applications.

Manchester Tool & Die, Inc.

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