

Manchester Tool and Die

Model M10-Series

Multi-Platform Tube End Forming System

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



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

providing flexible control, including diagnostics. The end forming stations can be operated either consecutively or simultaneously by an operator or integrated automation.



www.mtdtube.com

Manchester Model M10-Series Tube End Forming System

MTD SPECIFICATIONS

Standard Features

- Cycle Time: 3 to 16 seconds*
- Tube OD Range: 1/4" to 3/4"
- Hydraulic Unit: Up to 25HP, 34GPM & 9GPM
- 480VAC/3 Phase/60Hz, 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

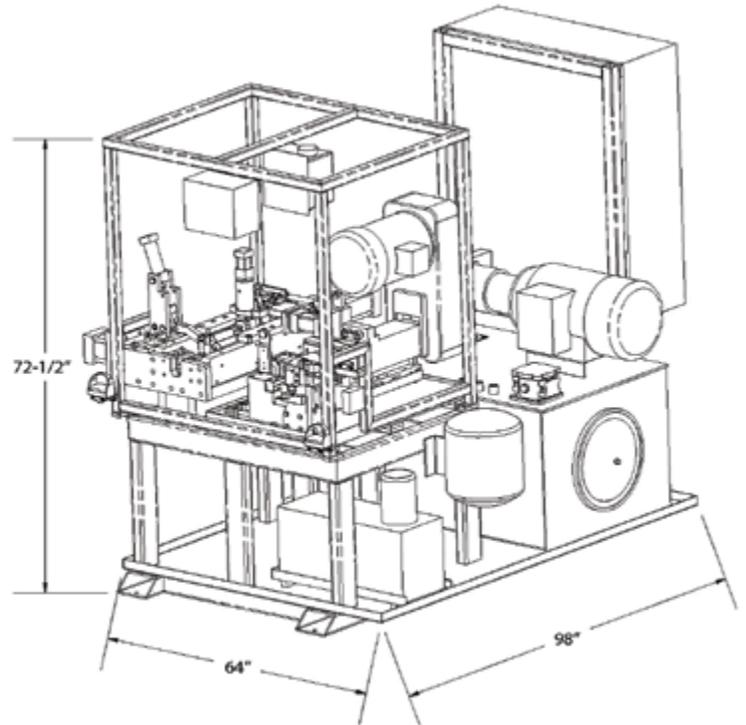
* Cycle time depends on the application.

End Forming Station

- Ram Cylinder: Up to 4" bore x 8" stroke, with 7.5 tons ram force
- Clamp Cylinder: Up to 5" bore x 1.5" stroke, with 12 tons clamp force
- Available in 6 stroke rotary, 3 stroke swing, or single stroke shuttle
- 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 6,000 lbs.

Valuable Options

- Automation for part handling
- Custom cycle start initiators
- Custom paint
- Special voltages
- Servo flag stop systems



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

Manchester Tool & Die, Inc.

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