

# Manchester Tool and Die

## Models M82-E-3, M82-E-4 & M82-E-6

### Model M82-E-3, M82-E-4 and M82-E-6 Electric Tube End Forming Systems

The M82-E Electric Tube End Forming Machines accept tubes up to 3" (76mm) in diameter. The M82-E has a servo driven, three, four, or six position rotary shuttle. These are easily programmable through the machine's H.M.I. (Human Machine Interface). The ram is servo driven through a mechanical linkage system and also allows for independent stroke speed adjustment. The clamp system is a pneumatic linkage system. These machines accept the same tooling as the M82-H hydraulic models. Also included in these machines are a servo flag stop system which allows for quick, tool free flag adjustments. This helps customers achieve quicker and more accurate setups. These machines also provide easy access for tooling changeovers and service, energy savings, and noise reduction.



Contact MTD for more information:

Call 260-982-8524 or email at [quotes@mtdbkb.com](mailto:quotes@mtdbkb.com)

[www.mtdtube.com](http://www.mtdtube.com)

# Manchester Model M82-E-3, M82-E-4 & M82-E-6 Electric Tube End Forming Systems

## MTD SPECIFICATIONS

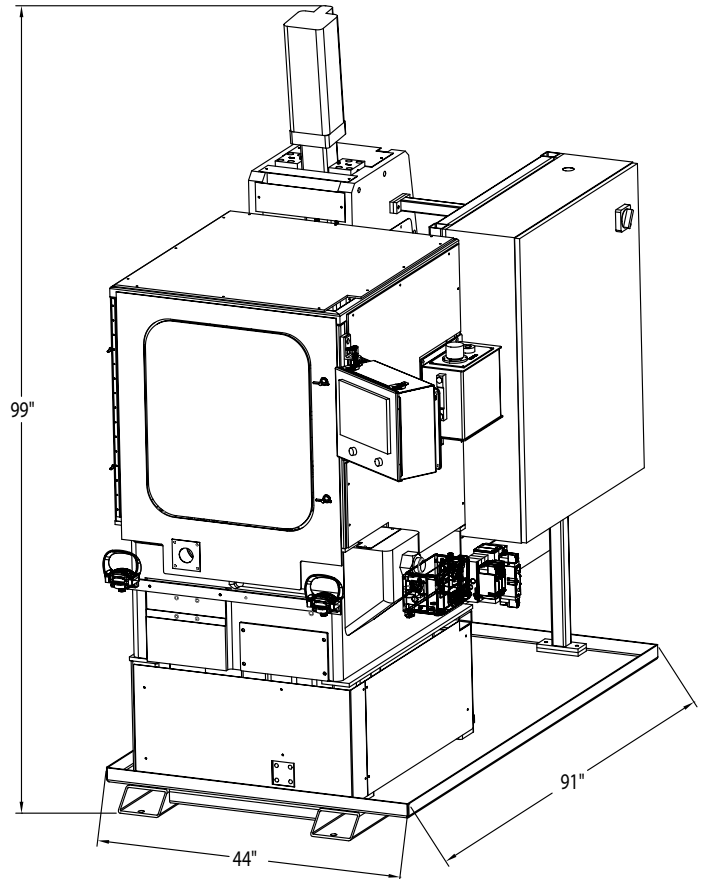
### Standard Equipment

- Cycle Time: 3.5 to 9.5 seconds\*
- Tube O.D. Capacity: 3" (76mm)
- Maximum Jaw Opening: 3.25"
- Ram System: Servo Driven Toggle with 6" of stroke
- Clamp System: Pneumatically Driven Toggle with 8" Bore Cylinder
- Part Present Sensor
- H.M.I. Interface
- Air Required: 95 PSI, 4-5 CFM
- Electrical Required: 480VAC/3 Phase/60Hz
- 12 Month Warranty on Machines

\* Cycle time depends on the application.

### Valuable Options

- Double Punch Shuttle for Running Two Tubes Simultaneously
- Autoload & Unload Systems
- Special Voltages
- Light Curtains
- Custom Painting
- C.E. Certification



Machine weight without oil is approximately 6,000 lbs.

## CALL FOR AVAILABLE STOCK MACHINES

### Advanced Features

- Independent Stroke Speed Adjustment
- 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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