



ISO registered

Manchester Tool & Die is ISO 9001-2000 registered to insure you get the quality product you demand.

Robust machines for long term operation

Our standard and custom-built MTD machines feature heavy duty components so you get long term and cost efficient operation in the most demanding industrial environments. You can expect day-in, day-out production. In fact, you can expect year-in, year-out production. Our machines are built to last. You will find here a full range of tube end forming machines from 3/16" OD to 3" OD. Grooving and crimping machines too. Plus, we conduct pre-shipment run-offs on YOUR parts so you know your MTD machine is ready to go when it hits your plant floor.

An international story

Manchester Tool & Die has established a world-wide customer base and continues to find new customers in countries around the world. Our reputation opens doors everywhere. Our quality promise and absolute focus on customer service keeps those doors open. Find out for yourself. Present us with your toughest tube end forming challenge. We are ready to respond.

MTD machines at a glance

Founded in 1960, Manchester Tool & Die sets the standard for tube end forming machinery. Our standard and custom machines have placed us at the top of the list when customers compare durability, reliability and maintainability. Our standard machines are built around a heavy-duty cast machine base which provides the stability to run thousands and thousands of cycles.

This machine strength enhances the reliability of the cylinders, guides and other components and allows them to operate efficiently in demanding environments. You can count on a Manchester machine to be there when you need it most. All day. Every day.

Down time costs money. That's why MTD designs machines for quick and easy preventative maintenance.



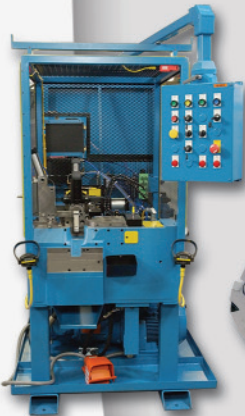
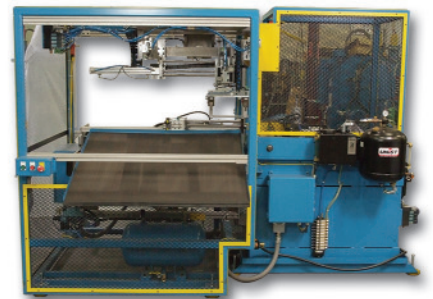
M72-H

1/2" O.D. tube capacity
Standard 1-3 and 1-4 stroke capabilities
Quick cycle times



M72-A

Same as M72-H but with
pneumatic operation
1-3 and 1-4 stroke options
Shown with Series 1600 Autoloader



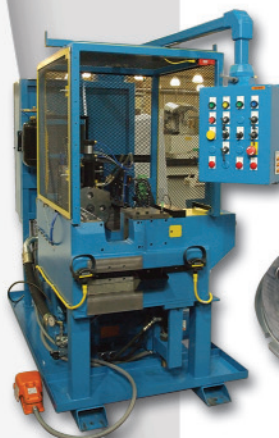
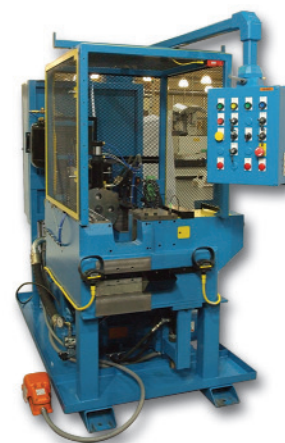
M71-H

1-1/2" O.D. tube capacity
1-3 and 1-6 stroke capabilities
For simple and complex end forms



M82-H

3" O.D. tube capacity
Standard 1-3 and 1-4
stroke capabilities with
6-stroke option
Excellent for large
diameter thin wall tubing



M78-H

3" O.D. tube capacity
1-3 stroke capability
Great for thick walled tubing



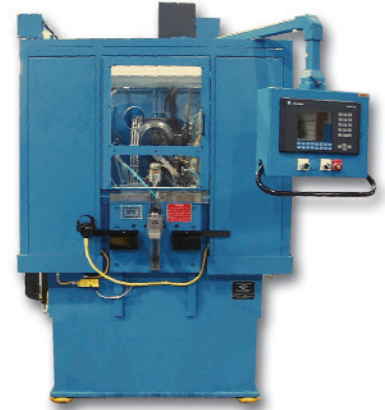


M-96-H

3/4" O.D. tube capacity
Ideal for one-stroke applications
or locking ferrules
Footprint fits nicely into work cells

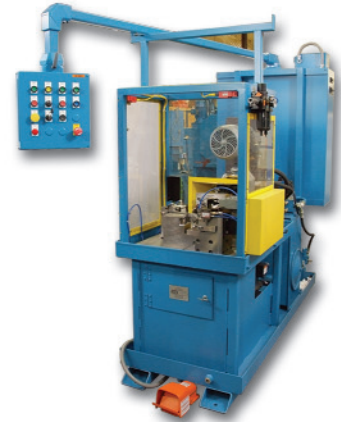
M94-H

3/4" O.D. tube capacity
Combines end forming and grooving
Maintains great tube concentricity
and repeatability



24008 Groover

3/4" O.D. tube capacity with
1-1/2" O.D. option
Tool for either roll or cut grooving
Quick tool changeover



24014 Groover

Same O.D. and tooling options
as the 24008 Groover
Quick tool changeover
High pressure system for thick walled tubing



42000 Radial Crimper

Ideal for staking fittings, crimping ferrules
to stems and crimping hose assemblies
Mandrel attachment for I.D. control
Adjustable loading angles



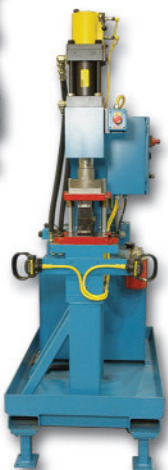
60003 Crimp Machine

Ideal partner for MTD crimping dies
Open face design allows easy access



60006 Crimp Machine

The Econo-Crimper
Available from stock



1600 Autoloader

Adjustable for tube length and diameter
Quick disconnect for manual operation
Adaptable to existing MTD machines
for increased output



Tooling, Research & Development, Custom Manufacturing



Superior tooling

Manchester Tool & Die's tooling expertise is based upon time-tested principals, many of which we developed. To these principals we are constantly developing and applying new tooling advancements to improve end forming processes and results. The strength of our tooling stems from both our ability to produce tooling to standard industry specifications and to develop customer-driven ideas into successful tooling designs.



Research & development

Our research & development lab allows us to work directly with a customer's design team to produce samples for customer quality inspections. This comprehensive facility insures quality at each stage of the development process, from initial design through final part acceptance. Capability studies can be performed prior to shipment of tools to the customer.



Custom manufacturing

The Manchester Tool & Die manufacturing facility is available for your machining needs. CNC and manual turning. CNC Milling. CNC and manual Boring. Grinding. Wire EDM. Plus Air and Oil Quench Heat Treating capabilities. Steel fabricating services are also available. For a complete capabilities listing visit our website. Or give us a call and let our custom manufacturing capabilities help your operation.