



TM76 Mandrel Bender

Semi-Automatic Rotary Draw Mandrel Bender



Touch screen display mounted to tailstock synchronizes with main control display.



Patented finger style (FST) clamping system minimizes clamping area.



3" Tube Capacity



Part# TM76
(10' table displayed)



Independent clamp and pressure die adjustments.

Ideal for Prototype or Daily Production

FEATURES

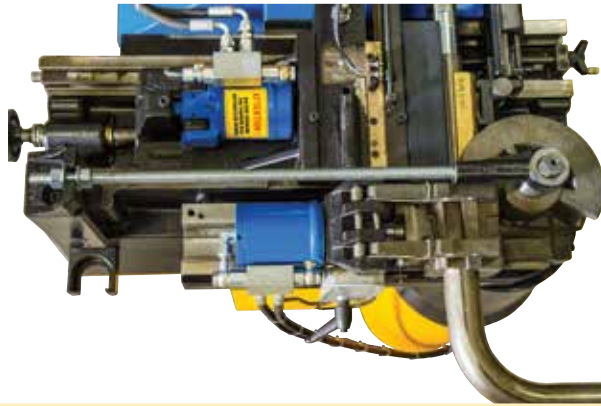
- Control offers easy access to manual and auto operating modes, system diagnostics and multiple languages
- USB for unlimited storage of bend programs, material library and job information
- Touch screen displays absolute (ABS) or incremental (INC) positioning with inch or metric readout
- Programmable C axis with manual Y and B positioning
- Variable bending speed to 4 RPM with overload protection
- Programmable bend angle 0 to 180°
- Individual material springback setting for every bend angle
- Anticipated mandrel retraction, clamping, pressure die and boost die movements
- Pressure die with auto recapture minimizes distance between bends
- Heavy duty tailstock carriage with hydraulic clamping of work piece
- Tailstock Y and B position display resets to zero after each bend for easy setup while maintaining absolute position

TM76 Capacities & Specifications

Max. Tube Capacity – Mild Steel	3" (.083 wall)
Stainless	3" (.065 wall)
Square Tube	2½" (.065 wall)
Max. Pipe Capacity	2" Sch. 40
Max. Bending Radius	10"
Min. Bending Radius	1.5 x Ø
Max. Shaft Rotation	210°
Max. Bending Angle	180°
Max. Tailstock Capacity	3"
Max. Tailstock Through Capacity	2¾"
Max. Material Length – 10' table	113"
20' table	231"
Program Storage	Unlimited with USB
Precision of Bend Angle	+/- .1°
3ph Motor	220V or 480V
Dimensions (Height x Width x Length)	61" x 36" x 168" or 286"
Weight (10' / 20')	3,300 lbs. / 3,800 lbs.

Contact CML USA for complete technical specifications.

All capacities based on mild grade materials; heavy wall and high tensile materials reduce machine capacity.



- Bending head adjusts horizontally to maintain centerline radius of former allowing table to remain stationary
- Patented finger style (FST) clamping system minimizes distance between bends
- Hand-held remote control certified class three safety
- Direct drive electro-mechanical bending axis
- Precision encoders on all axes for greater repeatability
- Heavy one-piece steel structure improves rigidity and minimizes vibration
- Externally mounted gauges for adjustment of system and clamping pressure
- Accepts standard 030 mandrel tooling
- Electrical components UL, CSA and CE approved
- Programmable internal lubrication available
- Y - Feeding manual with adjustable stops
- B - Feeding manual with adjustable stops
- C - NC programmable bend angle