



# 030 Mandrel Bender

## Semi-Automatic Rotary Draw Mandrel Bender



Patented hydraulic finger (FST) clamp system minimizes distance between bends.



Tube Capacity



Part# 030-A3/H76  
(10' table displayed – 5' table not available with base enclosure)



Operator-friendly control pad. Step-by-step programming with multi-language capability.

## Prototype or Small Production Applications

### FEATURES

- Variable bending speed
- Ideal for bending handrail, thin wall mild steel, stainless steel, bend grade aluminum and other materials
- Programmable bend sequencing and mandrel retraction
- Independent clamp and pressure die adjustment
- Reinforced tool mounting shaft with heavy duty swing arm for maximum rigidity
- Micrometer wiper die adjustment
- Secondary hydraulic pressure die stabilization system
- Quick-change tooling reduces setup time
- Tables available in 5', 10' or 20' lengths; standard with pneumatic material clamping and DRO system for linear and rotational positioning
- Bending software available for part layout guideline
- Base machine converts to accept Ercolina non-mandrel tooling
- Reference display of Y & B axis to assist set-up
- Y - Feeding manual with adjustable stops
- B - Feeding manual with adjustable stops
- C - NC programmable bend angle

## 030 Mandrel Capacities & Specifications

Max. Tube Capacity – Mild Steel	2½" (.083 wall)
Stainless	2½" (.065 wall)
Square Tube	2" (.065 wall)
Max. Pipe Capacity	1½" Sch. 40
Max. Bending Radius	7⅞"
Min. Bending Radius	1.5 x Ø
Max. Shaft Rotation	210°
Max. Bending Angle	180°
Max. Tailstock Capacity	2⅜"
Max. Material Length – 5' table	59"
10' table	118"
20' table	240"
Mandrel Table (available in 5'-10'-20' lengths)	165"
Number of Programs	(30) Standard
Precision of Bend Angle	+/- 1°
3ph Motor	220V or 480V
Dimensions (Height x Width x Length)	44" x 32" x 83"-260"
Weight	1,600 lbs.

Contact CML USA for complete technical specifications.

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



Part# 030-A15/H76  
(5' table displayed)

### Mega Bender 030 with Mandrel System

Part#	Description
030-A15/H76	Mega Bender 030 with 5' table*
030-A3/H76	Mega Bender 030 with 10' table*
030-A6/H76	Mega Bender 030 with 20' table*
A15/H76	(5') mandrel table only
A3/H76	(10') mandrel table only
A6/H76	(20') mandrel table only

\*5' table does not have base enclosure; 10' and 20' tables have base enclosure.



#### ◀ Ercolina Bending Application

**Product  
Demonstrations  
Available on Website**

**NEED ADDITIONAL HELP?  
CONTACT ERCOLINA:**

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