



# TB80 Top Bender®

## Tube & Pipe Bending Machine



Part# TB80-4 machine only

### *Additional Savings when Purchasing Tooling Kit with Machine*

TB80-4 (480V 3ph) with Pipe Kit • Part# TB80-4P  
TB80 (220V 3ph) with Pipe Kit • Part# TB80P

Pipe Size	CLR	Min. Wall	Center Former Part #	Counterbend Die Part #
1"	2.6	.133	153R067P1000	155P1000
1¼"	3.5	.140	153R090P1250	155P1250
1½"	3.9	.145	153R100P1500	155P1500
2"	5.9	.109	153R150P2000	155P2000
2½"	10.2	.203	157R260P2500-80	155P2500

Pipe Kit only Part# PIPEKIT6

TB80-4 (480V 3ph) with "Large Radius" Tube Kit  
Part# TB80-4TLR

TB80 (220V 3ph) with "Large Radius" Tube Kit  
Part# TB80TLR

Tube Size	CLR	Min. Wall	Center Former Part#	Counterbend Die Part#
1"	3.2	.035	153R082T1000	154T1000
1¼"	4.4	.035	153R112T1250	154T1250
1½"	5.9	.049	153R150T1500	154T1500
1¾"	6.7	.065	153R170T1750	154T1750
2"	7.5	.065	153R190T2000	154T2000

"Large Radius" Tube Kit only Part# TUBEKIT5

## Auto Load Sensing Improves Torque

### FEATURES

- Ideal for producing consistent quality bends in large pipe, tube, squares, solids and other profiles with auto tune
- Touch screen control icon menu for easy access to auto and manual operating modes, programming (inch or metric), system diagnostics and multiple language capability
- Quick-change tooling system with multiple radii available
- Digital display of bend angle and bend speed
- Bend any angle to 180° with independent material springback and speed compensation for each bend
- Foot pedal control of bend and return functions
- Swing away counterbending die vise for easy material handling
- Counterbending die vise position monitored electronically for accuracy and repeatability
- Heavy-duty steel gear case, right or left bend capable
- No hydraulic components for quiet operation
- Mandrel ready with optional accessory
- Two axis positioning table for multiple and sequential bends available on special request
- On screen machine diagnostics

# TB80 Capacities & Specifications

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Tube (Min.)	1/4"
(Max.)	3" (.120 wall)
Pipe (Max.)	2 1/2" Sch. 40 Grade A
Centerline Radius (Min.)	2 x Ø (3" CLR with standard tooling)
(Max.)	16.5"
Degree of Bend	0-210°
Bending Speed	Variable 1.5 to 3 RPM
Programming	Touch screen - 7" Unlimited storage with USB (30) bends per program
Material Positioning Table	Consult factory
Voltage	220V or 480V 3ph
Length, Width, Height	20" x 34" x 47"
Weight	980 lbs.

All capacities based on A53 grade B 60,000 psi tensile materials; heavy wall and high tensile materials reduce machine capacity. Consult supplier for material specifications.

## POPULAR ACCESSORIES



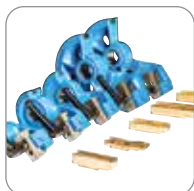
Tube & Pipe Tooling Kits



Spray Lubricant



Easy Part Layout Software



Large Square Tooling

Tooling Kits [Pages 16-17](#)

Tooling and Accessories [Pages 20-28](#)

Model Selection Chart [Page 29](#)



◀ Ercolina Bending Application

**Product Demonstrations Available on Website**

**NEED ADDITIONAL HELP? CONTACT ERCOLINA:**

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