



## Features

- Bending capacity 1/4" to 2 1/2"
- Bends to 90° in (7) seconds
- Bends to 180° with maximum CLR of 15"
- CLR as small as 2D with non-mandrel tooling
- PLC stores (30) programs (9) bends within each
- Ideal for bending pipe, tube, squares, rectangles, solids and other profiles
- Programmable material springback compensation
- Patented tooling system with multiple radii available
- Two bending speeds
- Remote foot pedal allows hands free operation
- Patented swing away counterbending die vise
- Portable with base wheels and lift handle
- Replaces outdated ram style hydraulic benders
- Accepts Ercolina's® two axis A40/P positioning table
- Hex mount tooling system for rapid changeover
- No hydraulic components
- One (1) year limited warranty



**TB60® machine only**  
Part# TB60

Patents  
4986104, 5469728,  
5345802, 4532787,  
4981030

### TB60® with Pipe Kit • Part# TB60P

| Pipe Size | CLR | Min. Wall | Center Former Part # | Counterbend Die Part # |
|-----------|-----|-----------|----------------------|------------------------|
| 1/2"      | 1.8 | .109      | 153R046P0500         | 155P0500               |
| 3/4"      | 2.2 | .113      | 153R056P0750         | 155P0750               |
| 1"        | 2.6 | .133      | 153R067P1000         | 155P1000               |
| 1 1/4"    | 3.5 | .140      | 153R090P1250         | 155P1250               |
| 1 1/2"    | 3.9 | .145      | 153R100P1500         | 155P1500               |
| 2"        | 5.9 | .154      | 153R150P2000         | 155P2000               |

Pipe Kit only Part# PIPEKIT1

### TB60® with "Small Radius" Tube Kit Part# TB60TSR

| Tube Size | CLR | Min. Wall | Center Former Part # | Counterbend Die Part # |
|-----------|-----|-----------|----------------------|------------------------|
| 3/4"      | 2.6 | .039      | 153R067T0750         | 154T0750               |
| 7/8"      | 2.2 | .059      | 153R056T0875         | 154T0875               |
| 1"        | 2.6 | .059      | 153R067T1000         | 154T1000               |
| 1 1/4"    | 3.2 | .079      | 153R082T1250         | 154T1250               |
| 1 1/2"    | 3.9 | .079      | 153R100T1500         | 154T1500               |
| 2"        | 5.9 | .098      | 153R150T2000         | 154T2000               |

"Small Radius" Tube Kit only Part# TUBEKIT1SR

### TB60® with "Large Radius" Tube Kit Part# TB60T

| Tube Size | CLR | Min. Wall | Center Former Part # | Counterbend Die Part # |
|-----------|-----|-----------|----------------------|------------------------|
| 3/4"      | 2.6 | .039      | 153R067T0750         | 154T0750               |
| 7/8"      | 2.6 | .039      | 153R067T0875         | 154T0875               |
| 1"        | 3.2 | .039      | 153R082T1000         | 154T1000               |
| 1 1/4"    | 4.4 | .039      | 153R112T1250         | 154T1250               |
| 1 1/2"    | 5.9 | .047      | 153R150T1500         | 154T1500               |
| 1 3/4"    | 6.7 | .059      | 153R170T1750         | 154T1750               |
| 2"        | 7.5 | .059      | 153R190T2000         | 154T2000               |

"Large Radius" Tube Kit only Part# TUBEKIT1

## Dimensions & Specifications

|                     |  |
|---------------------|--|
| Minimum Diameter    | 1/4"   |
| Maximum Diameter    | 2 1/2" tube / 2" Sch. 40 pipe  |
| Minimum CLR         | 2D <i>Depending material and wall thickness</i>                            |
| Maximum CLR         | 15"  |
| Angle Range         | 0-180°   |
| Bending Speed       | 1.7 or 3.4 RPM   |
| Programming         | NC with Touchpad<br>(30) individual programs with<br>(9) bends within each |
| Mandrel Capable     | No   |
| Two Axis Positioner | Yes ~optional accessory  |
| Voltage Requirement | 220 or 440V 3 ph   |
| Motor               | 2 hp 50-60Hz   |
| Height              | 36"  |
| Width               | 15"  |
| Length              | 27"  |
| Shipping Weight     | 430 lbs.   |

\* Contact CML USA for complete technical specifications.  
All capacities based on mild grade materials; heavy wall and high tensile materials reduce machine capacity.

Refer to Page 17 for Bending Capacities