



**2 Speed
Heavy Duty Gear Box
2½" Pipe Capacity**

**TB76® machine only
Part# TB76**

Patents
4986104, 5469728,
5345802, 4532787,
4981030

Features

- Bending capacity ¼" to 3"
- 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
- Step-by-step programming with multi-language capability
- Ideal for bending pipe, tube, squares, rectangles, solids and other profiles
- Programmable material springback
- Digital counterbend die positioning
- 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- Replaces outdated ram style hydraulic benders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 for multiple and sequential bends
- Hex mount tooling system for rapid changeover
- Available in 220 or 440V
- One (1) year limited warranty

TB76® with Pipe Kit • Part# TB76P

| Pipe Size | CLR | Min. Wall | Center Former Part # | Counterbend Die Part # |
|-----------|-----|-----------|----------------------|------------------------|
| ½" | 1.8 | .109 | 153R046P0500 | 155P0500 |
| ¾" | 2.2 | .113 | 153R056P0750 | 155P0750 |
| 1" | 2.6 | .133 | 153R067P1000 | 155P1000 |
| 1¼" | 3.5 | .140 | 153R090P1250 | 155P1250 |
| 1½" | 3.9 | .145 | 153R100P1500 | 155P1500 |
| 2" | 5.9 | .154 | 153R150P2000 | 155P2000 |

Pipe Kit only Part# PIPEKIT1

TB76® with "Small Radius" Tube Kit Part# TB76TSR

| Tube Size | CLR | Min. Wall | Center Former Part # | Counterbend Die Part # |
|-----------|-----|-----------|----------------------|------------------------|
| ¾" | 2.6 | .039 | 153R067T0750 | 154T0750 |
| ⅞" | 2.2 | .059 | 153R056T0875 | 154T0875 |
| 1" | 2.6 | .059 | 153R067T1000 | 154T1000 |
| 1¼" | 3.2 | .079 | 153R082T1250 | 154T1250 |
| 1½" | 3.9 | .079 | 153R100T1500 | 154T1500 |
| 2" | 5.9 | .098 | 153R150T2000 | 154T2000 |

"Small Radius" Tube Kit only Part# TUBEKIT1SR

TB76® with "Large Radius" Tube Kit Part# TB76T

| Tube Size | CLR | Min. Wall | Center Former Part# | Counterbend Die Part# |
|-----------|-----|-----------|---------------------|-----------------------|
| ¾" | 2.6 | .039 | 153R067T0750 | 154T0750 |
| ⅞" | 2.6 | .039 | 153R067T0875 | 154T0875 |
| 1" | 3.2 | .039 | 153R082T1000 | 154T1000 |
| 1¼" | 4.4 | .039 | 153R112T1250 | 154T1250 |
| 1½" | 5.9 | .047 | 153R150T1500 | 154T1500 |
| 1¾" | 6.7 | .059 | 153R170T1750 | 154T1750 |
| 2" | 7.5 | .059 | 153R190T2000 | 154T2000 |

"Large Radius" Tube Kit only Part# TUBEKIT1

Dimensions & Specifications

| | |
|---------------------|---|
| Minimum Diameter | ¼" |
| Maximum Diameter | 3" tube / 2½" Sch. 40 pipe |
| Minimum CLR | 2D <i>Depending material and wall thickness</i> |
| Maximum CLR | 15" |
| Angle Range | 0-180° |
| Bending Speed | .75 or 1.5 RPM |
| Programming | PLC (30) programs |
| "Touchpad" | (9) bends within each |
| Two Axis Positioner | Yes ~optional accessory |
| Voltage Requirement | 220 or 440V 3 ph |
| Motor | 4.5 hp 50-60Hz |
| Height | 39" |
| Width | 20" |
| Length | 30" |
| Shipping Weight | 450 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