

050KD ECONOMY TOP BENDER®



New Easy Use Programmable Control 2" Pipe Capacity



050KD® machine only
Part# 050KD

Patents
4986104, 5469728,
5345802, 4532787,
4981030

Features

- Bending capacity 1/4" to 2 1/2"
- Bends to 180° with maximum CLR of 11 7/8"
- CLR as small as 2D with non-mandrel tooling
- Ideal for bending pipe, tube, squares, rectangles, solids and other profiles
- Replaces outdated ram style hydraulic benders
- Programmable material springback compensation
- Operator-friendly controls
- Linear scale for counterbend axis position
- Patented tooling system with multiple radii available
- Single bending speed
- Remote foot pedal allows hands free operation (optional)
- Patented swing away counterbending die vise
- Portable with base wheels and lift handle
- Accepts Ercolina's® two axis A40/P positioning table for multiple and sequential bends
- Hex mount tooling system for rapid changeover
- No hydraulic components
- One (1) year limited warranty

050KD® with Pipe Kit • Part# 050KDP

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

050KD® with "Small Radius" Tube Kit Part# 050KDTSR

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

050KD® with "Large Radius" Tube Kit Part# 050KDT

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 <small>Depending material and wall thickness</small>
Maximum CLR	11 7/8"
Angle Range	0-180°
Bending Speed	1.2 RPM
Programming	Bend angle and springback
Mandrel Capable	No
Two Axis Positioner	Yes <small>~optional accessory</small>
Voltage Requirement	220 or 440V 3 ph
Motor	2 hp 50-60Hz
Height	39"
Width	20"
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