



# Model Comparison Guide

Model	030 Mandrel Bender	TM76	Erco Bender 65/76	GB Series CNC or NC
<b>OPERATOR CONTROL</b>				
LCD with PLC touchpad	✓			
Touch screen		✓		
Color touch screen			✓	✓
Independent control of Clamp, Mandrel Functions	✓			
Manual override control of Clamp, Pressure Die, Boost, Mandrel, Clamp release function		✓	✓	✓
Inch or Metric display	✓			
Inch and Metric programming and display		✓	✓	✓
Manual or Semi Auto mode	✓	✓		
Manual, Semi Auto and Auto modes			✓	✓
<b>PROGRAMMING</b>				
(30) programs - up to (9) bend angle and springback settings per program	✓			
Unlimited program storage with USB		✓	✓	✓
<b>BENDING SOFTWARE</b>				
Bend-Tech for Ercolina designs part creates print with complete bend dimensions. Can manually output to XYZ values.	✓	✓	✓	✓
<b>MACHINE DESIGN</b>				
C axis electro mechanical operation with gear reduction. Main frame aluminum case.	✓			
C axis electro mechanical operation with planetary reduction. Main frame GS500 cast steel case.		✓		
C axis hydraulic operation with rack and pinion. Main frame GS500 cast steel case.			✓	
C axis chain driven hydraulic operation. Main frame GS500 cast steel case.				✓
Analog encoders for C axis, Counter Die Axis display position on control. LED on table to monitor length and rotation from original bend plane (YB).	✓			
Digital encoders for three axis with digital display of absolute or incremental position on touch screen.		✓	✓	✓
Tailstock pneumatic clamping with four interchangeable jaw sets. 2 $\frac{3}{8}$ " capacity.	✓			
Tailstock hydraulic clamping with segment collet. 2" through spindle capacity, 3" material capacity with collet.		✓		
Tailstock hydraulic clamping with segment collet. 2 $\frac{3}{8}$ " through spindle capacity, 3" material capacity with collet.			✓	
Tailstock hydraulic clamping with segment collet. Large through spindle capacity, Material capacity to 8" pipe dependent on model.				✓
Programmable mandrel extraction	✓	✓	✓	✓

Factory on-site training available.

Contact CML USA for complete technical specifications.

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