

Digibend 160 Bending Machines

# EUROMAC Digibend 160 Ultimate Built in Quality - so You Get Ultimate Productivity

The *Digibend 160* brings rotary tube bending capabilities to a lighter gauge CNC bending machine.



## Technical description

- *EUROMAC* s hydraulic *cylinders* are permanently integrated into a solid and normalized Meehanitefi steel casting (65 N/mm<sup>2</sup>) for all Digibend models. Each frame has been designed with detailed finite element computations to achieve the best rigidity and dampening.
- The cylinder and the frame form a working unit and are machined in one setup and operation to assure you the *maximum accuracy* and *reliability* (patent pending).
- *Fast set-up tool indexing systems* are a standard feature on the Digibend. They are integrated into the wide machine table as well as into the moving ram.
- All working parts are *hardened* and *precision ground*.
- Thanks to the *many types of tooling available*, you can accomplish nearly any bending task in minutes, from heavy plate bending, flat edge bending, punching, shearing to straightening and tube bending.
- The ram will *automatically slow down* near the bending point.
- *The ram speed is adjustable* between 2 and 10 mm per second on the forward stroke.



- **Easy, intuitive programming** of all working parameters in many languages is available: English, French, German, Spanish, Italian, Dutch, Danish, Swedish, Japanese and many more.
- **The stroke is electronically controlled** and displayed on a digital read out.
- The control **can store parameters for up to 90 bends** which can be combined into up to 8 bending sequences with a maximum of 8 bends each.
- **The control display** reads out all bending parameters including forward/return stop and actual ram position. A piece counter lets you keep track of your work progress.
- The maximum bending capacity for **work pieces** up to 200 mm wide is 14 mm in mild steel.

Technical Details	Digibend 160	Digibend 360	Digibend 720
Hydraulic Pressure (Tons)	16	36	72
Length of Stroke (mm.)	200	250	350
Oil Tank Capacity (Lt.)	25	ca. 60	100
Maximum Working Speed (mm./sec)	10	10/24	10/23
Minimum Working Speed (mm./sec)	2	6	7
Return Speed (mm./sec)	28	60	45
Fixture points	No.2 - Ø 50 No.1 - Ø 80	No.3 - Ø 50 No.1 - Ø 80	No.6 - Ø 80
Max. Oil Pressure (Bar)	250	260	260
Working Height (mm.)	900	900	900
Working Table Dimension (mm.)	480 x 920	580 x 1.170	650 x 1.520
Overall	580 x 950	680 x	750 x

Dimensions (L x W x H) (mm.)	<b>x 1.100</b>	1.170 x 1.130	1.520 x 1.170
Weight (kg.)	<b>390</b>	900	1.800
3-Phases Motor (Hp)-(Kw)	<b>2 - 1,5</b>	5,5 - 4	5,5 - 4
Bending Height (mm.)	<b>200</b>	200	200
Extended Bending Height (mm.)	/	H=415	H=415
Shearing Tool max. Thickness 12 mm.	/	H=150 mm.	H=150 mm.
Punching Tool max. Thickness 10 mm.	/	Ø80 mm.	Ø80 mm.
Straightening (mm.)	<b>H=200 mm.</b>	H=200 mm.	H=200 mm.
Two Jaw Bending Tool	/	Ø60 mm.	Ø60 mm.
Rotary Bending Tool	<b>Ø50 mm.</b>	Ø50 mm.	Ø50 mm.

**Digibend 160 Bending Machine Brochure**

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