

# EUROMAC Digibend 720

## Flexibility and Quality for a Wide Range of Applications

The *Digibend 720* and *Digibend 720 CNC* are full featured, heavy duty benders, which are ready to take on your toughest jobs.

### 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. Four different tool clamping systems can be integrated into the wide machine table as well as into the moving ram:
  - A. Rapid Set-Up bending pin  $\varnothing 80$  mm.
  - B. 5 aligned clamping pins  $\varnothing 80$  mm.
  - C. 5 Guide holder placed inside the structure for 415 mm. high bending tool.
- **Ram** is equipped with **hardened T-slots** to hold tooling accurate over a long time.
- 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.

### Digibend 720 Bending Machines



Automated CNC backgage

- The **precision back gauge** will index your parts with a repeatability of +/- 0.2 mm.
- The operator may select between **two working speeds** and between single stroke, single step and automatic mode.
- The ram **will automatically slow down** near the bending point, programmable at operators choice between 0 and 50mm.
- **The ram speed is adjustable** between 7 and 23 mm per second on the forward stroke.
- The **hydraulic pressure** can be controlled between 10 metric ton and 72 metric ton.
- **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 99 bends** which can be combined into up to 50 bending sequences with a maximum of 80 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 20 mm in mild steel. Thinner gauges up to 6 mm can be bent up to 415 mm in width.

Technical Details	Digibend 160	Digibend 360	<b>Digibend 720</b>
Hydraulic Pressure (Tons)	16	36	<b>72</b>
Length of Stroke (mm.)	200	250	<b>350</b>
Oil Tank Capacity	25	ca. 60	<b>100</b>

(Lt.)			
Maximum Working Speed (mm./sec)	10	10/24	<b>10/23</b>
Minimum Working Speed (mm./sec)	2	6	<b>7</b>
Return Speed (mm./sec)	28	60	<b>45</b>
Fixture points	No.2 - Ø 50 No.1 - Ø 80	No.3 - Ø 50 No.1 - Ø 80	<b>No.6 - Ø 80</b>
Max. Oil Pressure (Bar)	250	260	<b>260</b>
Working Height (mm.)	900	900	<b>900</b>
Working Table Dimension (mm.)	480 x 920	580 x 1.170	<b>650 x 1.520</b>
Overall Dimensions (L x W x H) (mm.)	580 x 950 x 1.100	680 x 1.170 x 1.130	<b>750 x 1.520 x 1.170</b>
Weight (kg.)	390	900	<b>1.800</b>
3-Phases Motor (Hp)-(Kw)	2 - 1,5	5,5 - 4	<b>5,5 - 4</b>
Bending Height (mm.)	200	200	<b>200</b>
Extra High Bending (mm.)	/	H=415	<b>H=415</b>
Shearing Tool max. Thickness 12 mm.	/	H=150 mm.	<b>H=150 mm.</b>
Punching Tool max. Thickness 10 mm.	/	Ø0 mm.	<b>Ø0 mm.</b>
Straightening (mm.)	H=200 mm.	H=200 mm.	<b>H=200 mm.</b>
Two Jaw Bending Tool	/	Ø60 mm.	<b>Ø60 mm.</b>
Rotary Bending Tool	Ø0 mm.	Ø0 mm.	<b>Ø0 mm.</b>

### Digibend 720 Bending Machine brochure

**EUROMAC** Spa

Via per Sassuolo, 68/g

41043 Formigine (MO) - Italy

Phone +39 059 579511

Telefax +39 059 579512

e-mail: [euromac@euromac.com](mailto:euromac@euromac.com)

[www.euromac.com](http://www.euromac.com)