# bending machines

**EUROMAC**®

general catalogue

# Every **steel** and **copper** workshop can take advantage of a **Digibend**

Are you using or thinking to use a conventional press brake to **bend small parts, thick material or bus bars?** Then you need to look at a Digibend a powerful and versatile horizontal bending machine. Bending horizontally on a flat bed has two main advantages:
- your part will always be perfect since you lay on a flat surface instead of referencing against two small fingers.
- you can bend a close loop (like a 9 shaped part), hence saving time and possibly also a welding operation.

The Digibend takes advantage of this and with its unique features goes beyond.

# With Euromac you get the maximum bending flexibility

Euromac offers a variety of standard tools for a Digibend and changing from one tool setup to another is fast and easy.

The Digibend table is a machined out of a single monoblock of **Meehanite® 700N/mm²** (no welding points), the cylinder is completely embraced in the structure and the RAM is guided in all its stroke in order to be able to maintain the highest accuracy even in the high tonnage demanding applications. The strong structure combined with the unique control system and the specifically designed hydraulics ensure the **repeatability accuracy** (0,05 mm) even after thousands of bends.

The flexible and strong design of the Digibend table (with **antimarking** treatment) together with the easy to use control system (**2 axis CNC controlled**) allows any customer to create their own custom tools for special applications.
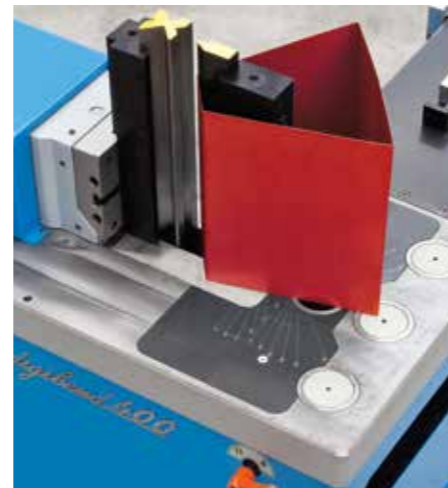
Bending tool with pin Ø 30 mm, H=200 mm and antiflection bar.
Max 200 x 5 mm.
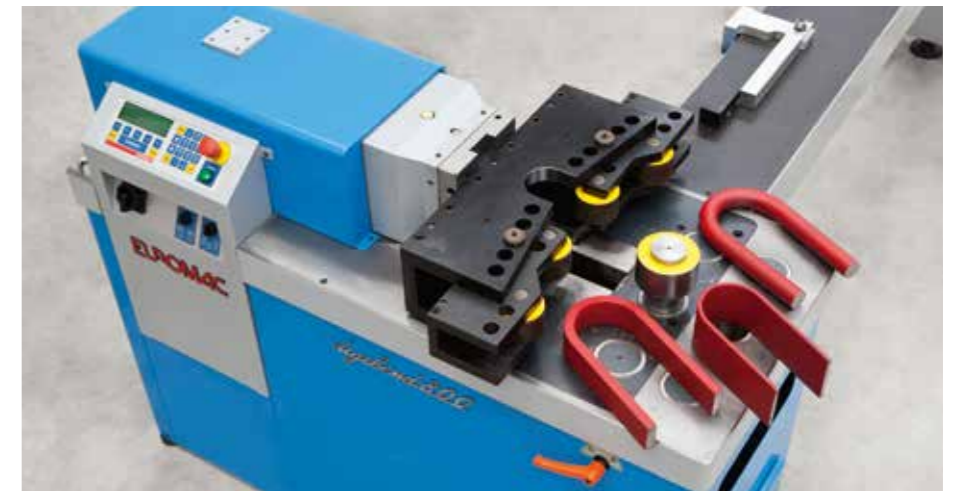
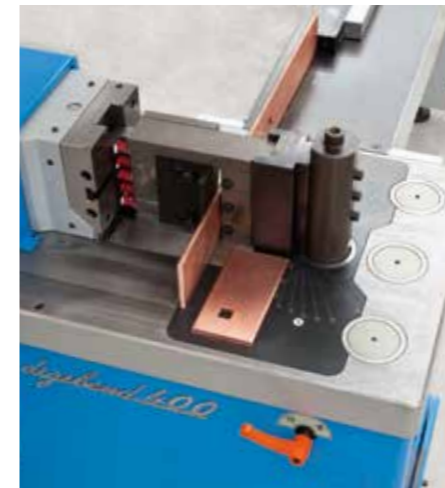4 jaw bending tool for round, square, rect. Bars and thick pipes up to 180°.
Max 100 x 20 mm or Ø 50 mm.

Bending tool 30° with U shaped die for bending flat bars up to 30°.
Max. 16 x 200 mm.

Bending tool with pin Ø 50 mm, H=200 mm, revolving pin single V die and antiflection bar. max. 200 x 8 mm.
*Patent Pending.*

Punch and die H=400 mm for bending plate sheets. Max. 400 x 4 mm.

Shearing unit for flat bars.
Max 150 x 12 mm.

Punching unit for holes up to Ø 30 mm.
Max thickness 12 mm.

2 jaw bending tool for thick wall pipes from 3/8" gas (17.2 mm) up to 2" gas (60.3 mm) and round bars, up to 90°.

Tool single V die with revolving pin (mark-free bending) for thick plates.
Max 200 x 40 mm.

Movable bending punch and fixed die for tight bends.

Pin bending punch Ø 80 mm with antiflexion bar for bending a closed loop into thick wall bars. Max 200 x 15 mm.

Straightening tool for pipes, steel beams, flat bars etc. for precision and heavy straightening jobs.

2 jaw bending tool with set of flanges for flat and shaped bars up to 90°.
Max 60 x 20 mm.

Rotary bending tool for pipes, round and box tube, up to 180°. max Ø 50 mm.

All application range indications are refered to steel material with 400N/mm² resistance.

euromac bending machines    5

## New Touch Graphic **Control** with Integrated Wifi

Includes the Digisoft Software

Allows programming options of:
· Bending
· Punching
· Shearing
· Straightening

Graphics Programs in 2D

DXF Files Import

Optimized calculation of bending sequence

digibend
# 200 CNC 200e

technical data

|  | 200 CNC | 200e |
|---|---|---|
| Max. pressure (kN) | 200 | 200 |
| Max. stroke (mm) | 195 | 195 |
| Max. working speed (mm/sec) | 9.6 | 9.6 |
| Min. working speed (mm/sec) | 4.8 | 4.8 |
| Return speed (mm/sec) | 48 | 48 |
| Average working speed (mm/sec) | 28.8 | 28.8 |
| Storables programs | 255 | 255 |
| Sequence of storables programs | 50 + 5 (for punching) | 50 |
| Number of bends for each sequence | 16 | 16 |
| Working table dimensions (mm) | 480 x 1060 x 925 (H) | 480 x 1060 x 925 (H) |
| Fixing holes in working table (nr. x Ø - mm) | 1 x Ø 80 / 2 x Ø 50 | 1 x Ø 80 / 2 x Ø 50 |
| Working height (mm) | 925 | 925 |
| Oil tank capacity (lt.) | 40 | 40 |
| Motor HP - Kw | 3 - 2 | 3 - 2 |
| High bending (mm) | H=200 | H=200 |
| Extra high bending (mm) | / | / |
| Shearing max thickness | H=150 x 6 (th) | H=150 x 6 (th) |
| Punching max thickness | Ø 30 x 5 (th) | Ø 30 x 5 (th) |
| Straightening (H/thickness) | H=200 | H=200 |
| Two-jaw-bending (mm) | Ø 42 | Ø 42 |
| Rotary bending (mm) | Ø 50 | Ø 50 |
| CNC automatic backguage (Length, mm) | 1250 / 2000 | NO |
| Approx. weight (kg) | 340 | 340 |
| Overall dimensions (L x l x h) | 580 x 1060 x 1150 | 580 x 1060 x 1150 |

digibend
# 400 CNC

technical data

|  | 400 CNC |
|---|---|
| Max. pressure (kN) | 400 |
| Max. stroke (mm) | 245 |
| Max. working speed (mm/sec) | 9.6 |
| Min. working speed (mm/sec) | 4.8 |
| Return speed (mm/sec) | 62 |
| Average working speed (mm/sec) | 35.8 |
| Storables programs | 255 |
| Sequence of storables programs | 50 + 5 (for punching) |
| Number of bends for each sequence | 16 |
| Working table dimensions (mm) | 580 x 1230 x 925 (H) |
| Fixing holes in working table (nr. x Ø - mm) | 4 x Ø 80 |
| Working height (mm) | 925 |
| Oil tank capacity (lt.) | 40 |
| Motor HP - Kw | 5.5 - 4 |
| High bending (mm) | H=200 |
| Extra high bending (mm) | H=400 |
| Shearing max thickness | H=150 x 10 (th) |
| Punching max thickness | Ø 30 x 10 (th) |
| Straightening (H/thickness) | H=200 |
| Two-jaw-bending (mm) | Ø 60 |
| Rotary bending (mm) | Ø 50 |
| CNC automatic backguage (Length, mm) | 1250 / 2000 |
| Approx. weight (kg) | 700 |
| Overall dimensions (L x l x h) | 580 x 1230 x 1150 |

digibend
# 800 CNC

technical data

|  | 800 CNC |
|---|---|
| Max. pressure (kN) | 800 |
| Max. stroke (mm) | 345 |
| Max. working speed (mm/sec) | 9.3 |
| Min. working speed (mm/sec) | 4.6 |
| Return speed (mm/sec) | 45 |
| Average working speed (mm/sec) | 27.2 |
| Storables programs | 255 |
| Sequence of storables programs | 50 + 5 (for punching) |
| Number of bends for each sequence | 16 |
| Working table dimensions (mm) | 650 x 1565 x 925 (H) |
| Fixing holes in working table (nr. x Ø - mm) | 6 x Ø 80 |
| Working height (mm) | 925 |
| Oil tank capacity (lt.) | 60 |
| Motor HP - Kw | 5.5 - 4 |
| High bending (mm) | H=200 |
| Extra high bending (mm) | H=400 |
| Shearing max thickness | H=150 x 12 (th) |
| Punching max thickness | Ø 30 x 12 (th) |
| Straightening (H/thickness) | H=200 |
| Two-jaw-bending (mm) | Ø 60 |
| Rotary bending (mm) | Ø 50 |
| CNC automatic backguage (Length, mm) | 1250 / 2000 |
| Approx. weight (kg) | 1500 |
| Overall dimensions (L x l x h) | 750 x 1565 x 1200 |

1 inch= 25.4 mm

All application range indications are refered to steel material with 400N/mm² resistance.

euromac bending machines   7

**sheet metal** working center

**automated** electric press brake

**electric press brake**

**horizontal bending** machines

**notching** machines

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