bending machines

EUROMAC®

general catalogue 2.0

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.

TECHNOLOGY

Digibend

Digibend: a powerful and versatile machine that can meet your processing needs

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 (0,02 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.**

TOOLS

With Euromac you get the maximum **bending flexibility**

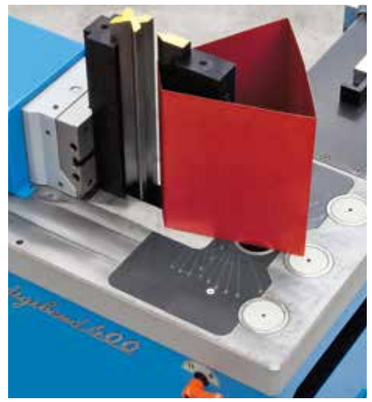
Euromac offers a variety of standard tools for a Digibend and changing from one tool setup to another is **fast and easy.** The Digibend allows any customer to create their own **custom tools** for special applications.

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.*

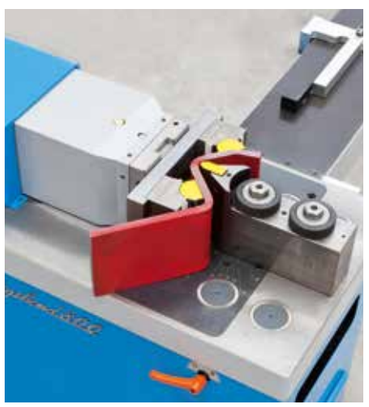


Punch and die H=400 mm for bending plate sheets. Max. 400 x 4 mm.

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.

SOFTWARE

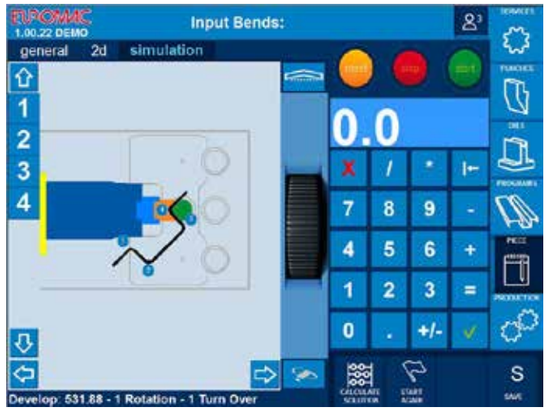
Digi Soft®

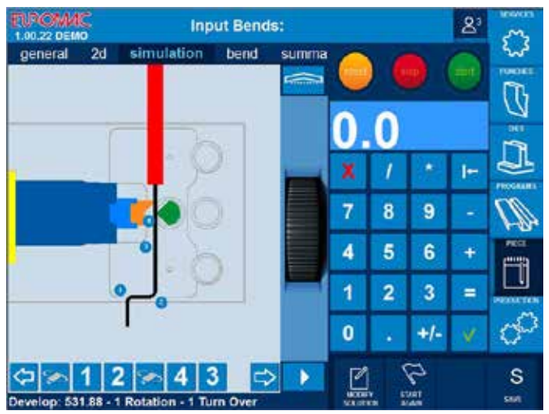
The easiest way to program and develop your production processes

New Digisoft software allows you to programme and develop production processes automatically.

You can therefore display and control different types of job hence combining **technology and innovation** to the **most accurate and reliable machine of the sector.**

- Simple and intuitive
- Automatic calculation of bending angles and sequences
- Automatic calculation of workpiece development
- Different programmes that control: bending, punching, shearing and straightening
- Tool and finished piece DXF importing function





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

Possibility to program from the office

Compatible with

INDUSTRY 4.0

digibend
200e

technical data

	200e
Max. pressure (kN)	200
Max. stroke (mm)	195
Max. working speed (mm/sec)	9.6
Min. working speed (mm/sec)	4.8
Return speed (mm/sec)	48
Average working speed (mm/sec)	28.8
Storables programs	255
Sequence of storables programs	50
Number of bends for each sequence	16
Working table dimensions (mm)	480 x 1060 x 925 (H)
Fixing holes in working table (nr. x Ø - mm)	1 x Ø 80 / 2 x Ø 50
Digisoft optional	No
Working height (mm)	925
Oil tank capacity (lt.)	40
Motor HP - Kw	3 - 2
High bending (mm)	H=200
Extra high bending (mm)	400
Shearing max thickness	H=150 x 6 (th)
Straightening (H/thickness)	H=200
Two-jaw-bending (mm)	Ø 33.7
Rotary bending (mm)	Ø 50
CNC automatic backguage (Length, mm)	NO
Approx. weight (kg)	340
Overall dimensions (L x l x h)	580 x 1060 x 1150

digibend
200 CNC

technical data

	200 CNC
Max. pressure (kN)	200
Max. stroke (mm)	195
Max. working speed (mm/sec)	9.6
Min. working speed (mm/sec)	4.8
Return speed (mm/sec)	48
Average working speed (mm/sec)	28.8
Storables programs	255
Sequence of storables programs	50 + 5 (for punching)
Number of bends for each sequence	16
Working table dimensions (mm)	480 x 1060 x 925 (H)
Fixing holes in working table (nr. x Ø - mm)	1 x Ø 80 / 2 x Ø 50
Digisoft optional	Yes
Working height (mm)	925
Oil tank capacity (lt.)	40
Motor HP - Kw	5.5 - 4
High bending (mm)	H=200
Extra high bending (mm)	400
Shearing max thickness	H=150 x 6 (th)
Straightening (H/thickness)	H=200
Two-jaw-bending (mm)	Ø 33.7
Rotary bending (mm)	Ø 50
CNC automatic backguage (Length, mm)	1250 / 2000 /3000
Approx. weight (kg)	340
Overall dimensions (L x l x h)	580 x 1060 x 1150

1 inch= 25.4 mm

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
Digisoft optional	Yes
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 /3000
Approx. weight (kg)	700
Overall dimensions (L x l x h)	580 x 1230 x 1150

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

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
Digisoft optional	Yes
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 /3000
Approx. weight (kg)	1500
Overall dimensions (L x l x h)	750 x 1565 x 1200

sheet metal working center

automated electric press brake

electric press brake

horizontal bending machines

notching machines

EUROMAC®

Euromac S.p.A.
Via per Sassuolo, 68/g
41043 Formigine (MO) - Italy
Tel. +39 059 579511
Fax +39 059 579512
info@euromac.it

INDUSTRY **4.0**

PRODUCED & ASSEMBLED
IN ITALY BY EUROMAC

www.euromac.com