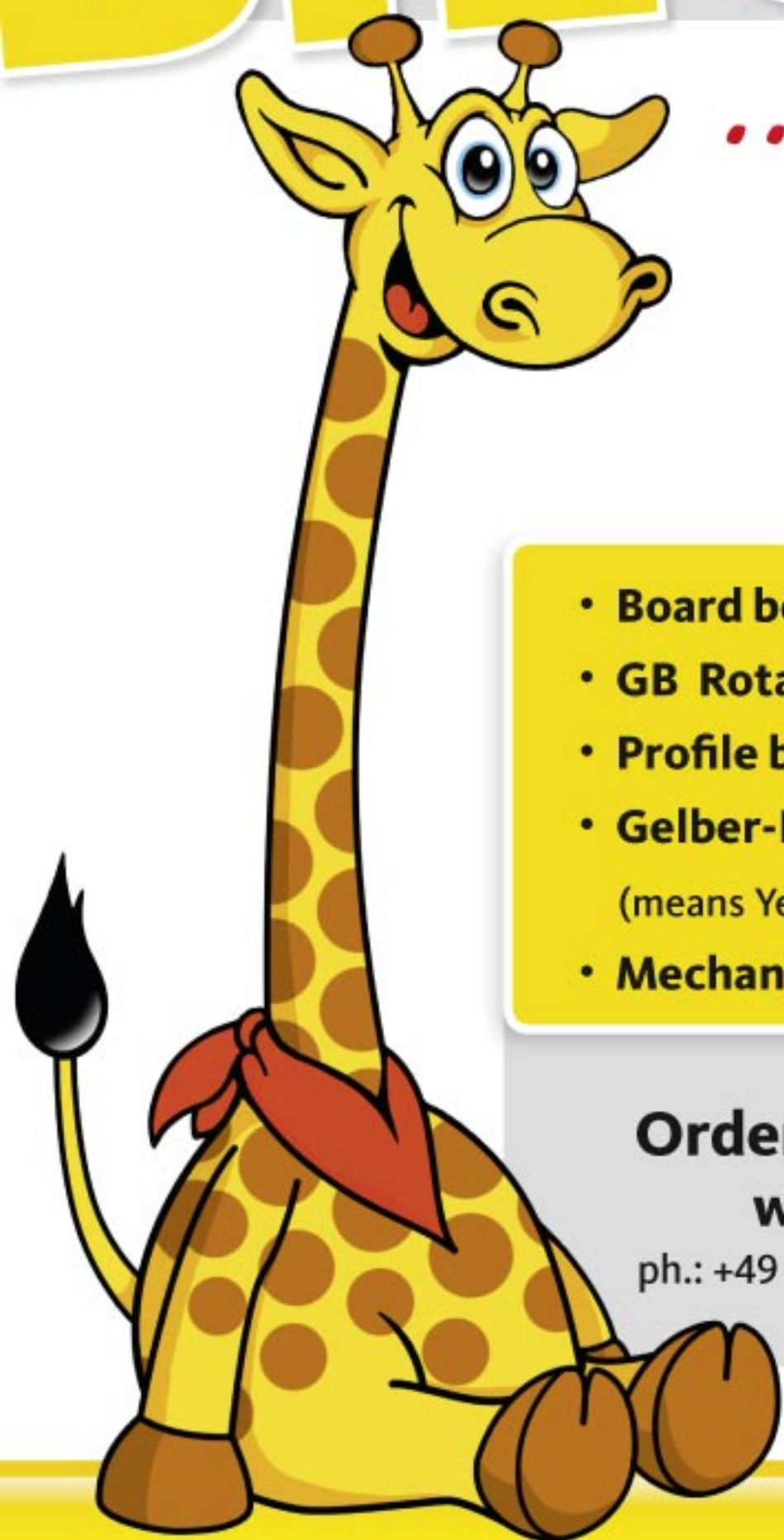


# GELBER- BIEGER GmbH

*... Gelb biegt besser!*



- Board bender
- GB Rotation
- Profile bender
- Gelber-Bieger XL  
(means Yellow-Bender XL)
- Mechanical press brake
- Hand bender
- Tube grinder
- Mandrel bending machine
- Mobi-bender

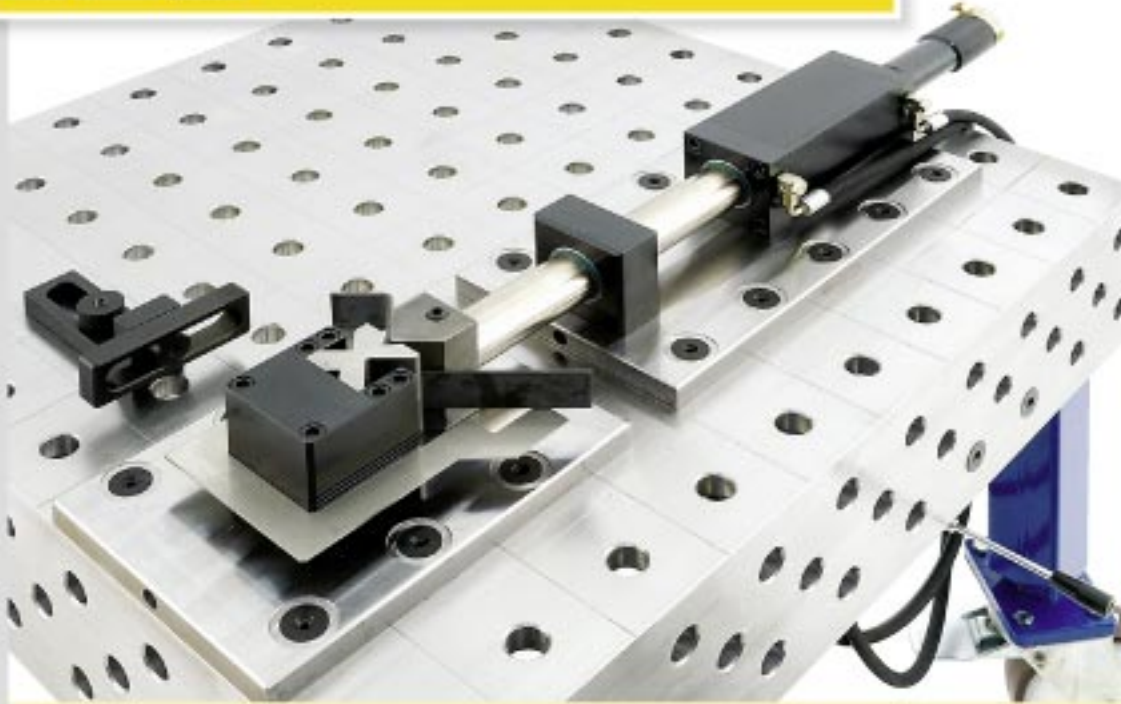
**Order the new main catalogue now!**

**[www.GELBER-BIEGER.com](http://www.GELBER-BIEGER.com)** or

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## Board bender



Board bender with standard tools, optional: Board 1 x 1m, 28 mm

- **Bending capacity:** 10 tons, 100 x 10 mm steel
- **Tool height:** 100 mm
- **Stroke length:** 150 mm
- **Weight:** 60 kg (without board)
- **Tools:** multi V and punching tool
- **Incl. welding table** 1200 x 600 mm made of cast iron



Bender with cavity V80, punching tool on cavity side



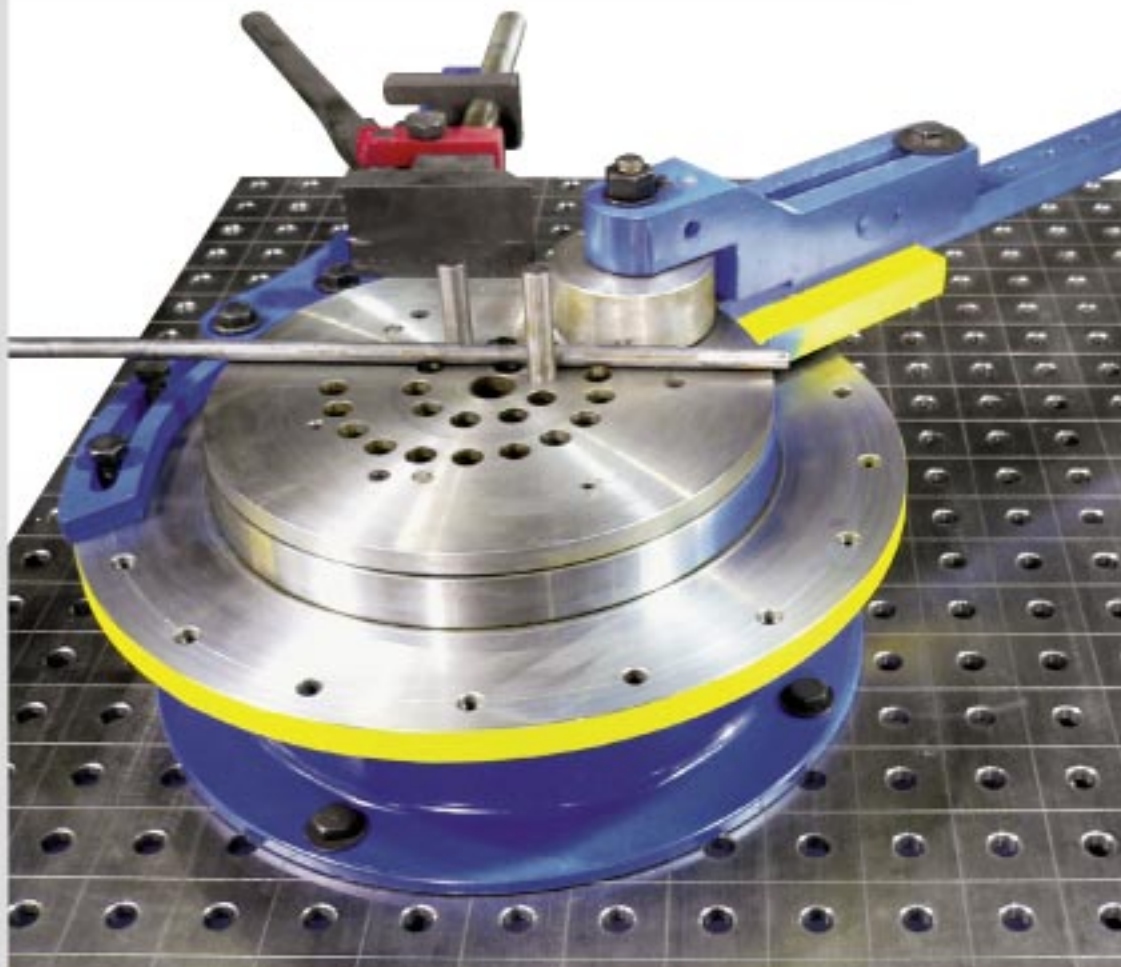
Tool for adjusting



Tube bending tool



## Hand bender



Universal hand bender  
For bending flat bar, round material and tubes up to  $d = 33$  mm



Angle bender WB 100 – the original!  
Up to flat bar of 100 x 6 mm



Hand tube bender HRB 15 to 15 mm tube



Bending of round material 40 mm



Several bending samples in small dimensions

## GB Rotation



Rotation 76

Bending capacity: ● = 45 mm    ○ = 76 mm x 3 mm    □ = 50 x 50 mm



Bending head with slide bar, clamping jaws, bending form and tube d = 42 mm

## Mandrel bender



Mandrel bending machine type S-50 with 2 m length over mandrel

Machine type	Bending capacity St 35 NBK	Bending radius (standard)
S28	Tube 28 x 3 mm	10 - 55 mm
S42	Tube 42,4 x 3,25 mm	10 - 120 mm
S50	Tube 54 x 2 mm	20 - 150 mm
S60 L	Tube 60 x 2 mm	20 - 150 mm
S60	Tube 60 x 4 mm	20 - 150 mm
S70	Tube 76 x 1,5 mm	40 - 150 mm
S80	Tube 76 x 3,6 mm	40 - 180 mm

Bending direction, on request to the left/to the right



## Profile bender



### Profile bender DS 60

Maximum bending capacity:  
 ○ = 70 x 2 R = 600  
 □ = 60 x 60 x 3 R = 600  
 Shaft diameter: 50 mm  
 Roll diameter: 175 mm  
 Speed: 8 - 16 min<sup>-1</sup>  
 Hydraulic power: 4 kW  
 Working height: 93 cm  
 Size (L x W x H): 76 x 122 x 138 cm  
 Weight: 440 kg



### Profile bender DS 120

Maximum bending capacity:  
 ○ = 140 x 3 R = 1200  
 □ = 100 x 100 x 4 R = 1200  
 Shaft diameter: 100 mm  
 Roll diameter: 315 mm  
 Speed: 5 min<sup>-1</sup>  
 Hydraulic power: 11 kW  
 Working height: 115 cm  
 Size (L x W x H): 195 x 180 x 210 cm  
 Weight: 2650 kg

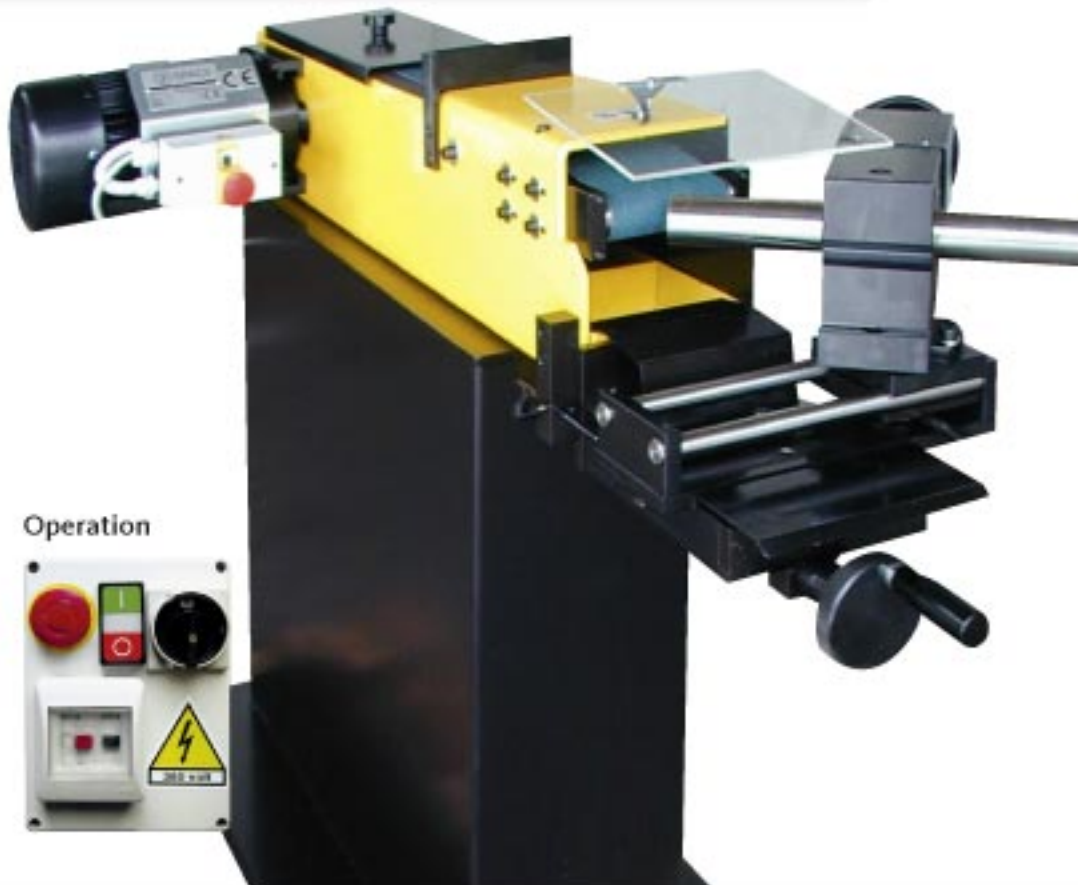


### Profile bender Delta 50 CNC

Maximum bending capacity:  
 ○ = 70 x 2 R = 600  
 □ = 60 x 60 x 3 R = 800  
 Shaft diameter: 50 mm  
 Roll diameter: 175 mm  
 Speed: bis 8 min<sup>-1</sup>  
 Hydraulic power: 4 kW  
 Working height: 93 cm  
 Size (L x W x H): 76 x 122 x 138 cm  
 Weight: 590 kg

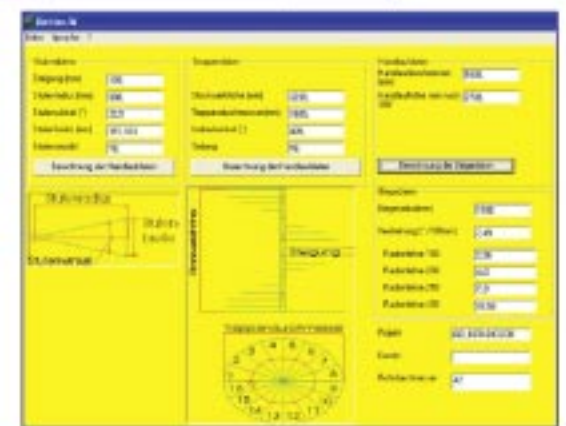


## Tube grinder



Operation

- **Band width:** 120 mm
- **Speed:** 1400 rpm and 2400 rpm
- **Most robust clamping vise on the market, optional with exhaust system.**



Software for coil- and mandrel bending



Bending tools for all manufacturers

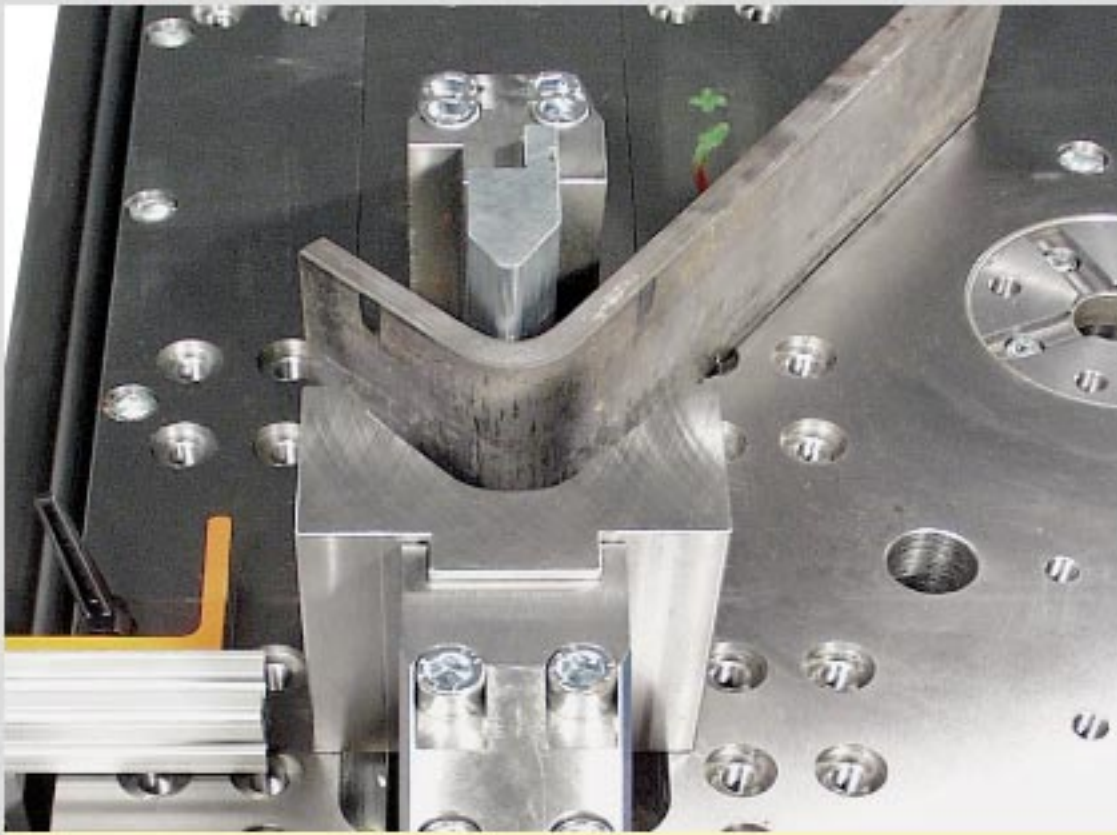
... Gelb biegt besser!



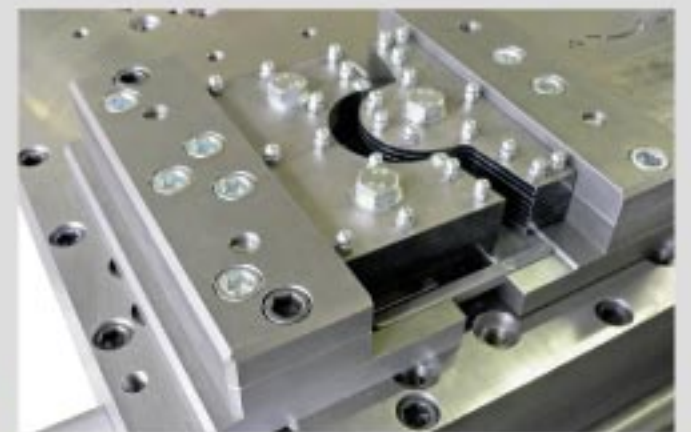
## Gelber-Bieger XL



3 working stations: 2 x edging, 1 x coiling (rotary table). Optional: profile bending with 3 driven rollers.



Edging station: edging height 165 mm (upgradable to 200 mm)



- **Bending capacity:** edges 165x15 mm  
*Rotary table round material made of 25 mm stainless steel*  
*Profile bending attachment tube made of 60 mm stainless steel*
- **Tool height:** 165 mm
- **Additional hydraulic unit:** 300 bar 32l/min
- **Weight:** 1.400 kg
- **Size (L x W x H):** 1200x700x950 mm



Max. bending capacity 100 x 15 mm in cavity 125 mm



Tight bending (50 x 50 mm) around the mandrel

Hydraulics with 400 V and 240 bar with quick couplings.

For connecting with :  
Mobi- or Board-Bender.



## Mobi-bender



Only 25 cm high!

Only 25 cm wide!

Only 100 cm small!



Bayerischer Staatspreis  
2004

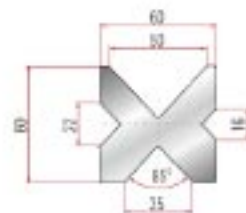
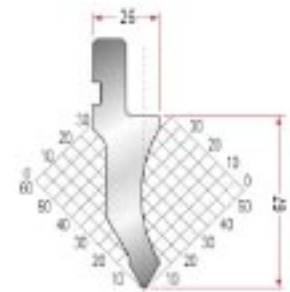
The smallest bender in the world – with 10 tons bending power!

- **Size (L x W x H):** 1000 x 250 x 250 mm
- **Stroke length:** 150 mm
- **Weight:** 80 kg
- **Tool height:** 100 mm



Electric back stop – to be operated in front

## Mechanical press brake



Tool system: Type  
AMADA, Promecam...

- **Edging length :** 835 and 1250 mm
- **Bending capacity:** 28 tons



NEW: optional also available as NC actuated!