



Bavarian national award
2004



- long-lasting and maintenance free
- big variety of bending possibilities
- exceptionally price-performance ratio



VIDEO

Handy at high capacity

...PROBABLY THE SMALLEST BENDER IN THE WORLD...

The novel, hydraulic bender is exceptionally light and small – and therefore also mobile.

The company Gelber-Bieger in Losheim developed a hydraulic horizontal bending-press with a weight of only 80 kilograms, which shall replace the angle bender. The "Mobi-Bender" is easily transportable, for example to construction site, as it is only 80 cm long and 25 cm wide and high.

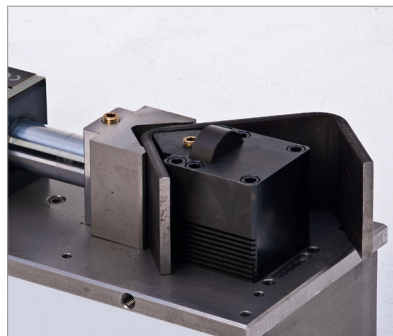
Despite of its handy dimensions the horizontal press pushes ten tons. This corresponds to a bending capacity of 100 x 15 millimeters for construction steel. The simple adjustable stop allows a bending exactness in the range of 0,1 mm. The hydraulic unit is always built up separately and is connected to the press with 2 quick-release fasteners.

What makes the "Mobi-bender" so special is, that it presses with the stamp into the matrix. This is not usual for small machines. To bend a closed part, the positions of stamp and matrix can be exchanged.

As needed, it is also possible to bend around a bending mandrel. With the mandrel a rectangle of 50 mm side length can be bent.



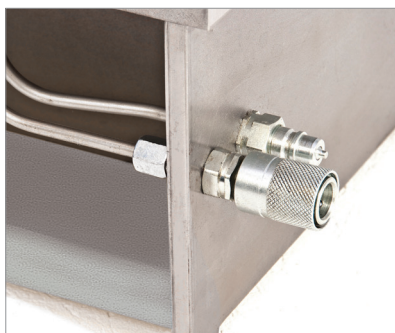
Bending with punch into die



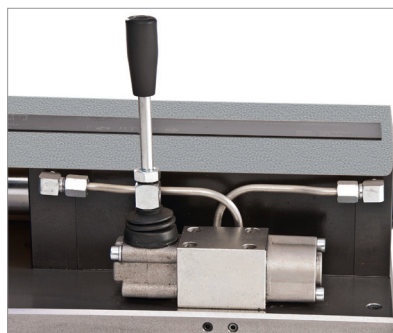
Bending matrix into punch



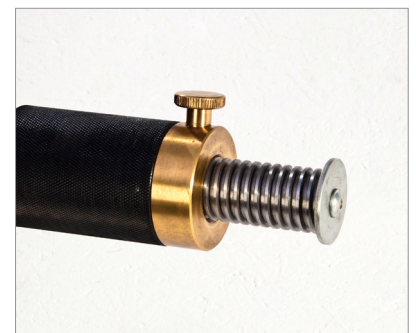
Narrow bending around the bending mandrel



Connection for hydraulic aggregate



Operating forwards and backwards



Back stop for exactness of position



Multi V die



Die 80 mm



Die 100 mm



Bending mandrel



Punch 90°



Distance piece

Mobi-bender

Dimensions l x w x h (mm)	1200 x 250 x 280
Weight (kg)	80
Motor power (kW)	1,5
Bending pressure (t)	10
Tool height (mm)	100
Bending capacity (mm)	Flat steel: 100 x 15 (with V125)
Round material with rotary plate (mm)	16

optional
also
available in
130 mm

Mobi-bender 100 Basic composed of:

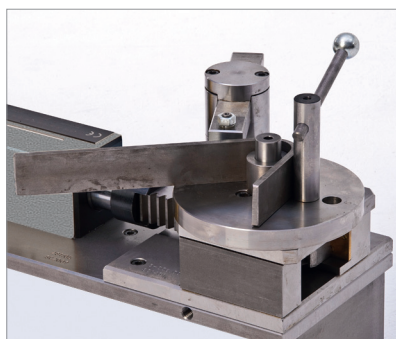
1x hydraulic aggregate, 1 x punch 90°, 1 x Multi V die, 1 x length stop, 1 x supporting plate, 1 x oil filling (HLP 46), operating manual/CE-Conformity

MB.00MB.ST.110

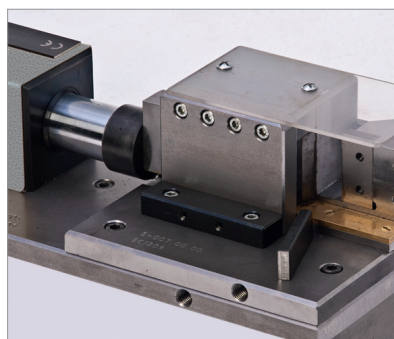
Special accessories set 1 for creasing composed of:

1 x V = 80 mm 85° L = 100
1 x V = 100 mm 80° L = 100
1 x bending mandrel, 1 x distance piece

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Rotary plate



Cutting



Notching



Flaring of tube



Hydraulic aggregate



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