

novopress

Mastering Innovations

Creating competitive advantages through innovation. That's the key driver for our unique solutions in the electrical industry.

Efficient busbar manufacturing lines and innovative dieless crimping tools, provide the competitive edge for our global customers.

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The digital bending bench BGD-5

Based on an embedded Windows XP System, the BGD-5 offers incomparable easy WYSIWYG programming, with a full graphical user interface. No CNC, or whatsoever programming skills are requested, even the most complicated busbar figures are edited with the ease of a few clicks. Complete work pieces are displayed on the 12" LCD display, before starting the initial bending operation.

During bending operation the digital angle measurement with full automatic spring back compensation, will ensure outstanding accuracy of ± 0.2 degree. The automatic length stop, will travel up to 800 mm, positioning your bus bar within seconds and a precision of 0.2 mm. Last but not least, the integrated 3-phase/400 V power pack takes care of convincing cycle times, at only 11.5 sec. for a full 90 degree bend including spring back compensation.

Advantages

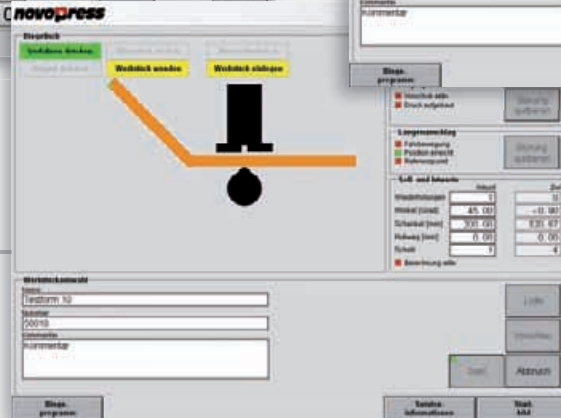
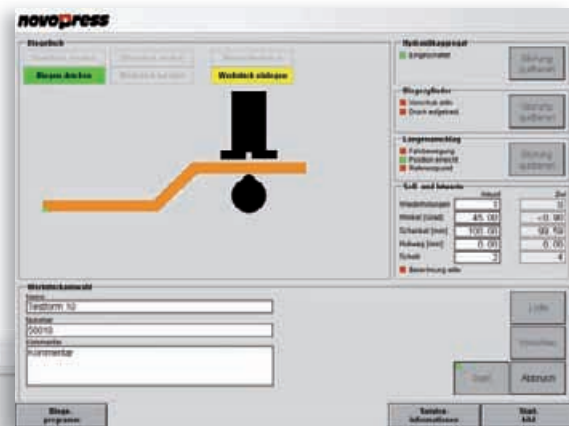
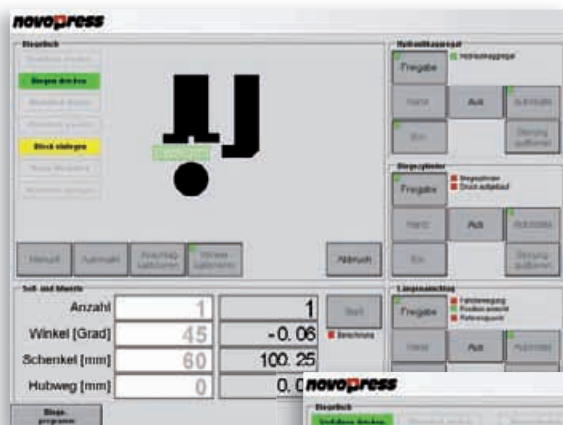
- Latest Windows XP technology with 12" LCD display.
- Unmatched, full graphical WYSIWYG programming.
- USB for backups and remote editing.
- Digital angle encoder with precision to 0.2 degrees.
- Full automatic spring back compensation.
- No trial bends. No set up times.
- Digital stroke encoder for minimum cycle times.
- Supplied with built in high performance 3-phase power pack.
- Optional step- and edge bending tools, for special bending applications.
- Tight L-, U- and Z- bends possible.
- Mobile machine on wheels for ease of use.

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Digital bending bench BGD-5

Technical Data		Ref. 41800
Depth	900 mm	
Width	1.630 mm	
Height	1.530 mm	
Weight	370 kg	
Operating Pressure	200 bar	
Force	180 KN	
Bending capacity max.	160 x 13 mm (6 · x 1/2 ·)	
Length stop travel	800 mm	
Bending radius adaptors	7.5, 10, 15 mm	
Power rating	1.2 kW	
Voltage	400 V 3~/50 Hz.	
Oil ow	3.6 l/min.	
Cycle time*	11.5 sec.	
Cycle time** (repeat operation)	9.4 sec.	
Minimum L-Bend	25 mm	
Minimum U-Bend	60 mm	
Minimum Z-Bend	70 mm	

* 90° bend, 120 x 10 mm busbar size, return stroke incl. full automatic spring back compensation.
 ** 90° bend, 120 x 10 mm busbar size repeated operation.



We reserve the right to make technical modifications.

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