BUS BAR FABRICATION (MADE IN GERMANY)

novopress
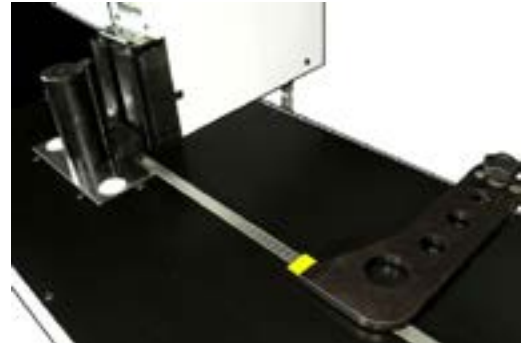
SCAN & PLAY

Model No. **BGD-5.1** The Digital Bending Bench	
Features	**Advantages**

BGD-5.1 is the ideal bending machine for small series of busbars and individual bending work.

- During bending operation the digital angle measurement with full automatic spring back compensation, will ensure outstanding accuracy of +/- 0.25 degrees.
- The automatic length stop, will travel up to 800 mm, positioning your bus bar within seconds and a precision of 0.5 mm.
- Last but not least, the integrated power pack takes care of convincing cycle times, at only 11.5 sec. for a full 90 degree bend including spring back compensation.

The BGD-5.1 has a USB interface to which optional a PC can be connected.

- There is the possibility to program serial parts either directly on the machine or from your PC.
- No CNC, or whatsoever programming skills are requested, but only the Novobend Software.
- Even complicated busbars can be created using the Software Novobend and are displayed graphically on your PC before starting the initial bending operation.

- Digital angle encoder with precision to +/-0.25 degrees
- Full automatic spring back compensation
- No trial bends. No set up 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
- Programming of serial parts using the Novobend software (optional)
- USB interface for connecting a PC
- Mobile machine on wheels for ease of use

Technical			
Height	1,100mm	**Power Rating**	0.75kW
Depth	950mm	**Voltage**	400V 3~/50 Hz
Width	1,630mm	**Oil Flow**	3.6L/min
Weight	300kg	**Cycle Time***	11.5sec
Operating Pressure	200bar	**Cycle Time** ** **(Repeat Operation)**	9.4sec
Force	180kN	**Minimum L-Bend**	25mm
Bending Capacity Max.	160 x 13mm	**Minimum U-Bend**	60mm
Bending Radius Adaptors	7.5, 10, 15mm	**Minimum Z-Bend**	70mm

* 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.

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