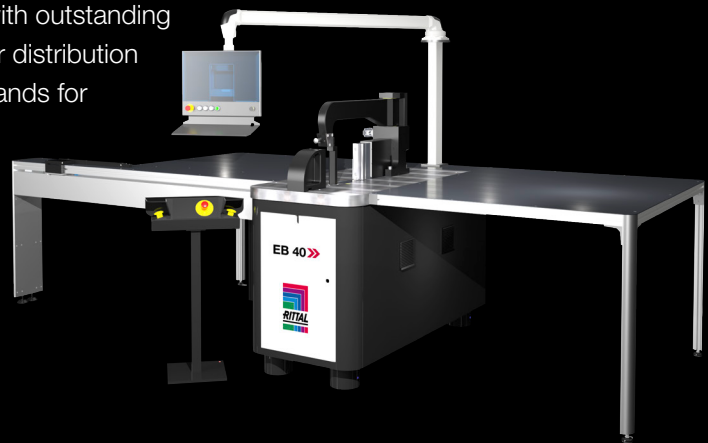


Rittal – The System.

Faster – better – everywhere.

EB40 Busbar Bending Machine

For businesses looking to take busbar modification in-house, the EB40 from Rittal Automation Systems (RAS) is an excellent entry point. By combining robust design with compactness, this machine easily bends busbar with outstanding accuracy and versatility. Now, panel builders and power distribution suppliers can take busbar modification into their own hands for excellent production gains and a high ROI.



What Can the EB40 Provide for You?

- **Versatile, in-house busbar bending** in any configuration, including flat, offset, edge, twist, and U bends
- **Excellent return on investment** with less waste thanks to precise operation
- **Consistent repeatability** with a reliable accuracy of $\pm 0.2^\circ$
- **Quick and easy tool changes** thanks to user-friendly plug-in system
- **Quiet, precise hydraulic operation** and a compact, robust design
- **Minimized downtime** via remote maintenance capabilities

*Note: EHRT and its machines are owned by Rittal and sold under Rittal Automation Systems.

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EB40

Busbar Bending Machine

EB40	
Weight	1700 kg / 3747.86 lbs
Length	1615 mm / 63.6 inch
Width	3550 mm / 139.75 inch
Height	1870 mm / 73.6 inch
Working height	900 mm / 35.4 inch
Environmental conditions	
Temperature	15 – 35°C / 59° – 95°F (without air condition)
Max. relative humidity	60%
Bending drive	
Bending drive	Hydraulic
Hydraulic oil	30 l
Bending power	344 kN
Max. pressure	280 bar
Max. stroke	200 mm / 7.87 inch
Max. stroke velocity	21 mm/s / 0.83 inch/s (60 Hz)
Bending accuracy	0.2°
Side stop	
Length	1500 or 2000 mm / 59 or 78.7 inch
Speed	250 mm/s / 9.8 inch/s
Work piece dimensions	
Flat bend	Thickness: 3 – 20 mm / 0.12 – 0.78 inch Width: 15 – 200 mm / 0.6 – 7.87 inch Length*: from 40 mm / 1.6 inch
Edge bend	Thickness: 3 – 10 mm / 0.12 – 0.39 inch Width: 20 – 120 mm / 0.78 – 4.7 inch Length*: from 40 mm / 1.6 inch
Offset bend	Thickness: 3 – 15 mm / 0.12 – 0.6 inch Width: 15 – 160 mm / 0.6 – 6.3 inch Length*: from 40 mm / 1.6 inch

* The maximum possible part length is above all depending on the length of the side stop and the position of the bends. The machine can also be operated without a side stop (stop folded away).

EB40

Busbar Bending Machine

Machine control	
Control	Beckhoff TwinCAT
Machine PC	Beckhoff CX-5130
Processor	Intel Atom E3827, 1,75 GHz
Memory	RAM: 4 GB DDR3, HDD: 40 GB CFAST FLASH
Interfaces	2 x RJ45 10/100/1000 Mbit/s, 4 x USB 2.0, 1 x DVI-I
Operating system	Windows 10 IoT
Operating software	EHRT PowerBend (PowerCut)
User interface	Touchscreen, keyboard and buttons
Electrical connection	
UL	
Voltage	460 V AC $\pm$ 5%
Frequency	60 Hz $\pm$ 1%
Electrical fuse protection	15 A
Electrical supply	3 phases, GND
Operation	
Noise emission	< 82 dB(A)
Operating time	80% (Single shift)

* The maximum possible part length is above all depending on the length of the side stop and the position of the bends. The machine can also be operated without a side stop (stop folded away).



Pair this machine
with Eplan ProPanel
for the fastest results!



You can find the contact details of all
Rittal companies throughout the world here.



www.rittal.com/contact

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