

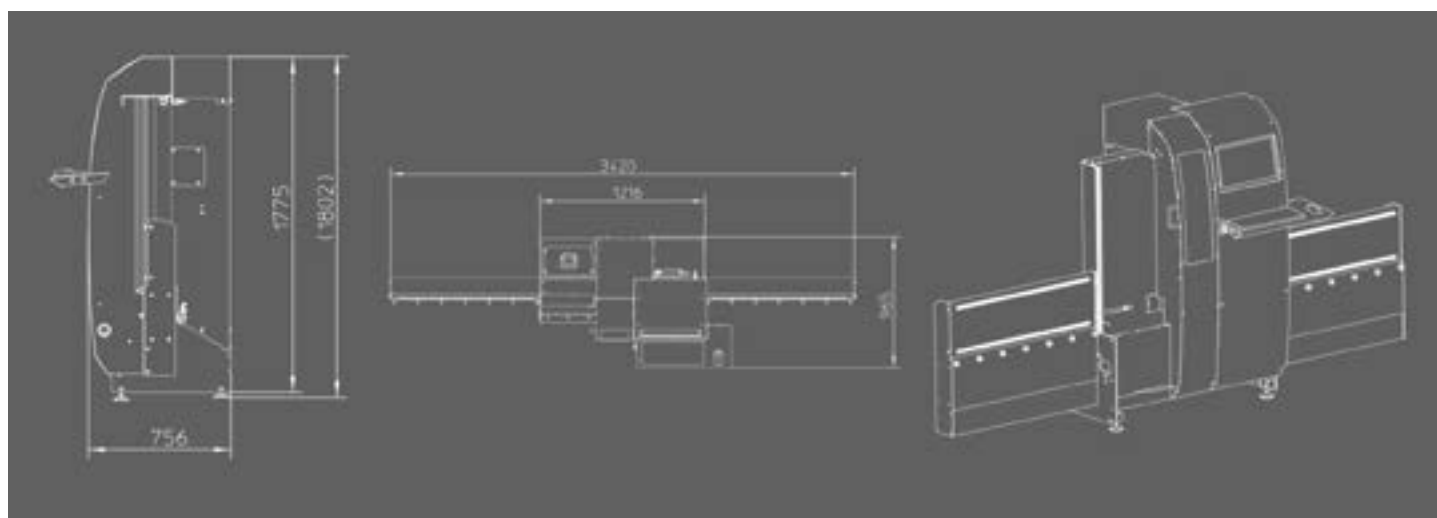
# BM3000



BM3000 with options

## BM3000 Technical specifications

Weight	500 kg
Voltage	3 x 400 V / 3 x 230 V
Motor power	1,3 kW / 2 pk
Compressed air	6 bar
Y axis reach (height panel)	120 - 920 mm
X axis reach (length panel)	300 - 3300 mm
Z axis reach (thickness panel)	12 - 40 mm
A axis reach (turning circle drill chuck)	360°
Movement speed	20m/min.
Diameter drill holes	3 - 35 mm
Maximal depth sawblade groove	10 mm
RPM saw	3200 RPM
RPM drills	5400 RPM
Tools (included)	Drill 5 mm
	Spindle 8 mm
	Minifix 20 mm
	Hinge 35 mm
	Sawblade 90 mm diameter x 3,5 mm thickness
Diameter dust extraction outlets	80 mm





## SAWING

The saw can be used for making grooves in the top 4 cm of the panel. The groove saw has a width of 3,5 mm and for grooves of larger width, this is automatically done in different movements. The software calculates these automatically.

The saw first works as a scoring unit and then as a regular main saw for a superior finish.



## DRILLING

The chuck is equipped with 4 positions, one counterclockwise and 3 clockwise. The drilling tools supplied as standard are a 5 mm drill bit for row drillings, a 20 mm minifix and a bit for hinges of 35 mm.



## HINGES

It is easy to program and save different tools in the software. For hinges one can for instance program size, position and depth of the main bit (35mm supplied) and of the two lateral points or holes.



## MILLING

The BM 3000 is not a milling machine. However, we also supply a 8 mm milling bit. This tool is destined for a number of limited applications such as:

- Drilling side dowel holes
- Making a larger bore from eg 8 to 10 mm
- Grooving instead of with the saw (in positions inaccessible to the saw blade or for not sawing through the visible edge of the board)
- Making a recess for, for example, a lamp, socket or a handleless handle in a cupboard.



### **VERTICAL CONCEPT**

Due to the vertical concept of the BM 3000 and the fact that this machine can simply be placed against the wall, this machine is extremely space efficient.



### **USER-FRIENDLY SOFTWARE**

The machine has a user-friendly Windows-based CAD-CAM software, programming is parametric with the possibility of creating a library.

The BM 3000 is designed like all Robland machines, simple, no-nonsense and user-oriented. That makes this machine unique in its segment, as most CNC's are very complex and difficult to use. This is not the case with a BM 3000 where basic machine training takes a limited number of hours.



### **ALL POSSIBLE COMFORT**

Despite the fact that this CNC drilling machine is in a lower price range than that of larger installations, Robland has decided to also offer an optional full factory support. This includes annual maintenance, telephone support or additional training in the factory.



This brochure is for information purposes only. Robland reserves the right to modify machine configurations and specifications without prior notice. Standard configurations can change over time and by point of purchase. Please consult your local dealer for accurate and up to date information.

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