

mafelli

innovativ rugged precise convenient



BST 650 S
BST 460 S
BST 460
BST 320

Guiding you to success: the new MAFELL drilling station.

The parallel fence, typically used for end grain drilling, is an ideal accessory to the face edge stop for series production purposes.

Notches to facilitate marking enable you to position the drill with great accuracy. Even when working at an angle, the drill tip always serves as the pivot axis.

For series drilling and hole patterns, the insertion plate can be replaced by a copying insert. Ideal when working with drilling templates.



Tools/ special accessories

Precise solution: the face edge stop can be inserted in any side of the base plate. A scale is provided for adjusting the edge clearance.



Covers every eventuality in solid wood: the MAFELL drill assortment with bit lengths of 320 - 650 mm and diameters of 8 - 30 mm.



Thoroughly precise and efficient.

MAFELL's new drilling station not only offers supreme precision, compared with conventional drill jigs, but is also comprehensively revolutionizing drilling operations in solid wood. Its clever design, based on a rugged and lightweight aluminium column, cannot fail to impress.

The single column offers significant benefits: better view of the mark and drill tip, more space for bit changes, and the jamming that can occur during drilling is a thing of the past.

MAFELL is further demonstrating its ability to originate professional solutions, down to the last detail, and its understanding of practical needs. The continuously adjustable drill guide, with six locating elements, enables the drilling station to achieve unprecedented accuracy. As you would expect from MAFELL, the new drilling station is built exclusively from very high-quality materials, so that a long service life is assured.

Intelligent drill guide

The drill guide comprises six vertically located rollers with an iris-like adjusting mechanism. They enclose the bit without any backlash and thus provide perfect guidance. This arrangement prevents the bit from drifting.



Clamping collar

The toolless, quick-release collar readily accepts machines with a 43 mm neck.

Drilling depth adjustment

A depth gauge allows fast and precise adjustment of the desired drilling depth.



World first: tensile force adjustment

The tensile force exerted by the polyethylene cable can be individually adjusted, for example, in order to reduce the feed pressure when working horizontally. Once the hole has been drilled, the machine automatically returns to the starting position.



Unique tilting system

The S models can be precisely set to $\pm 45^\circ$ in either direction with the aid of a scale; and locked at 0° . The drill tip - at base plate height - always serves as the pivot axis.

MAFELL drilling station

Technical data:	BST 650 S	BST 460 S	BST 460	BST 320
Max. tool diameter at 0°	130 mm	130 mm	130 mm	130 mm
Max. tool diameter at 45°	100 mm	100 mm	–	–
Max. drill length	650 mm	460 mm	460 mm	320 mm
Max. drilling depth	455 mm	265 mm	300 mm	160 mm
Drill guide clamping range	8–30 mm	8–30 mm	8–30 mm	8–30 mm
Tilting range in both directions	45°	45°	–	–
Weight	5,4 kg	5,0 kg	4,8 kg	4,5 kg

Special accessories/tools:

	Ref. No.
Parallel fence	204407
Copying insert Ø 24.8 / 18 mm	204290

Delivery specification:

Drilling station BST 650 S	961216
Drilling station BST 460 S	961215
Drilling station BST 460	961211
Drilling station BST 320	961210

Your MAFELL authorized dealer: