

# TECNOMAX

## *MB-21 MULTI-BORING MACHINE*

The MB21 is a panel processing machine entirely designed and manufactured by TecnoMax backed by the experience and expertise of the SCM Group. Compact and precise, the TecnoMax MB21 is a single-head, 21-spindle boring machine designed for vertical, horizontal and 45° boring on panels up to 86mm thick. The boring unit runs on two ground cylindrical guides who guarantee stability and precision.



The head consists of a single-piece aluminum casting to ensure the complete absence of vibration. First-class boring quality is guaranteed every time. The horizontal/vertical positioning of boring unit can be manual or pneumatic, activated directly from the control board. For even greater versatility, the MB21 can be fitted with an aluminum metric fence with reversible stops, particularly useful for machining large panels. A special unit enables horizontal boring on panels tilted at an angle of 45°.

### **Technical specifications:**

Worktable dimensions	905x360mm	35½"x14"
Worktable height	900mm	35½"
Number of spindles	21	
Spindle centre-to-centre	32mm	1¼"
Max. Tool diameter	35mm	1-3/8"
Max. Boring centre-to-centre	640mm	25¼"
Max. Height of horizontal boring operation	60mm	2-3/8"
Spindle speed	2800 r.p.m.	
Min. panel thickness	10 mm	3/8"
Max. panel thickness	85mm	3-3/8"
Max panel width under the bridge	833mm	32¾"
Max. Boring head stroke	80mm	3-1/8"
Boring head motor power	1.5kw	
Pneumatic system operating pressure bar	6	
air consumption nl/cycle	3,5	
Max. Overall dimensions	L=1000mm	39-3/8"
	D=1150mm	45½"
	H=1300mm	51¼"
Weight	280Kg	616 lbs