

Data sheet – SB 40 MV Plus

Column drilling machine



Column drilling machine with intermediate table

Drilling technology large format

R1 Item no.: 230.535

R2 Item no.: 230.536

R3 Item no.: 230.537

The LED technology, which is integrated as standard, ensures an optimally illuminated work area and good visibility during precision work, which can be operated via the switch.

The control panel can be used to set important parameters such as speed and target drilling depth. The integrated OLED display clearly shows the current settings and operating states. With just one push of a button, it is possible to switch between drilling and tapping operation and program intuitively.

With the drilling depth stop, the desired drilling depth and thus the stroke can be adjusted easily and ergonomically. The height is adjusted by creating the table by means of a rack.

The highest level of occupational safety is guaranteed as standard by drilling protection with electrical protection and emergency stop impact switch. In addition, a spindle stop function can be activated.



Additional information



Watch the YouTube video

To the operating instructions

Technical data

Column drilling machine



Drilling depth (mm)	160
Tapping performance (depending on pitch)	
R1	M30x3,5
R2	M24x3,0
R3	M36x4,0
Spindle speed infinitely variable (1/min)	
R1 (1-stage)	0 – 1000
R2 (1-stage)	0 – 1600
R3 (2-stage with counterweight)	0 – 4000
Spindle	MK 4
Speed indicator	Digital
Drilling depth indicator	Digital
Drilling depth stop	with fine adjustment
Feed rate (mm/revolution)	0,10/0,16/0,25
Table height adjustment	with rack
Three-phase motor – frequency-controlled, mains connection 400 V (kW)	4.0
Continuous/normal drilling capacity (mm)	
R1	30/35 (in E335/ST60) (1 35)
R2	27/32 (in E335/ST60) (90)
R3	35/40 (in E335/ST60) (2 60)
Projection (mm)	300
Column diameter (mm)	140
Usable work surface (W x L) (mm)	590 x 450
Distance spindle/working surface (mm)	150 - 700
Machine dimension without packaging (mm)	610 x 900 x 1,980
Machine Dimension with Packing (mm)	670 x 1,100 x 2,200
Weight (kg)	420

Standard equipment

- ▶ Main switch
- ▶ Threading device
- ▶ Control panel with OLED display
- ▶ Robust, high-quality drill head hood with ergonomically inclined front
- ▶ LED lighting
- ▶ Quickly adjustable and ergonomic drilling depth stop
- ▶ Infinitely variable speed control via central rotary knob
- ▶ EMERGENCY STOP push button
- ▶ Thermal overload protection
- ▶ Spindle stop
- ▶ Drill protection with electr. Hedge
- ▶ Connection cable with CEE plug
- ▶ Mechanical feed of the Z-axis incl. electromagnetic clutch for (3) feed rates
- ▶ Drill cross with push button (on/off) for feed
- ▶ In tapping mode: Right-left ventilation via drill cross buttons
- ▶ 3-year warranty for single-shift operation

