

Column drill

SB 30 ▶ Plus

SB 30 MV ▶ Plus



- ▶ 3-year warranty for single-shift operation
- ▶ Warranty extension to 4 or 5 years available! See page 72-73

Fig.: SB 30 ▶ Plus with special equipment

Fig.: SB 30 MV ▶ Plus with special equipment

Standard equipment

- ▶ Main switch
- ▶ Thread cutting system
- ▶ Control panel with OLED display
- ▶ Robust, high-quality drill head hood with ergonomically tilted front
- ▶ LED lighting
- ▶ Quick-adjust ergonomic depth stop
- ▶ Stepless speed regulation via the central knob
- ▶ Emergency stop switch
- ▶ Thermal overload protection
- ▶ Spindle stop
- ▶ Drill protection with electrical fuse
- ▶ Connecting cable with CEE plug
- ▶ Mechanical feed for z-axis incl. electromagnetic clutch for (3) feed speeds (only SB 30 MV Plus)
- ▶ Drill handle with push-button (on/off) for feed (only SB 30 MV Plus)
- ▶ In thread cutting mode: Right-left ventilation via drill handle button (only SB 30 MV Plus)

Special equipment

- ▶ LED lighting with articulated arm
Order no. 290.240 for 230.500 and 230.501
Order no. 290.241 for 230.502 and 230.506 and 230.507
- ▶ Combi drilling table with vice and square table 360° rotatable with scale
Jaw width 120 mm, span 105 mm
Table surface 350 x 350 mm
Order no. 290.135
- ▶ Machined foot plate
Order no. 290.175C
- ▶ Machined foot plate incl. integrated coolant system
Filling capacity: max. 15 l
Delivery rate: max. 30 l/min
Order no. 290.160C
- ▶ Coolant system (separate tank)
Filling quantity: max. 15 l
Delivery rate: max. 30 l/min
Order no. 290.340
- ▶ Foot switch
Drilling function: Spindle ON and OFF (for MV feed ON and OFF)
Thread cutting function: Clockwise/anti-clockwise rotation
Order no. 231.000
- ▶ Commissioning the machine and briefing the operating staff
Order no. 229.931

* The drilling machine is fitted with a frequency converter and complies with the standards DIN EN 55011:2016 & A1:2017.

Technical data

Drilling capacity/normal drilling performance (mm)	
R1 (measured Torque Nm)	27/32 (in E335/ST60) (100)
R2 (measured torque Nm)	25/30 (in E335/ST60) (70)
R3 (measured torque Nm)	30/35 (in E335/ST60) (200)
Thread cutting performance max. (depending on gradient)	
R1	M24x3
R2	M20x2.5
R3	M30x3.5
Spindle	MK III
Drilling depth (mm)	125
Distance column-spindle (mm)	300
Column diameter (mm)	125
Useable table surface (W x L) (mm)	590 x 450
Speed indicator	digital
Drilling depth indicator	digital
Drilling depth stop	with fine tuning
Table height adjustment	with toothed rack
Spindle/table (mm)	150-700
Machine dimensions without VP (mm)	610 x 900 x 1,980
Machine dimensions with VP (mm)	670 x 1,100 x 2,140
Three-phase current motor 400 V with frequency converter (kW)	3.0
Spindle speed, stepless (1/min)	
R1 (1-stage)	0-1,000
R2 (1-stage)	0-1,600
R3 (2-stage with gearing)	0-4,000

SB 30 Plus

Feed	by hand
Weight (kg)	370
Order no. R1	230.500
Order no. R2	230.501
Order no. R3	230.502

SB 30 MV Plus

Feed (mm/rotation)	0.10/0.16/0.25
Weight (kg)	385
Order no. R1	230.505
Order no. R2	230.506
Order no. R3	230.507

Additional accessories from page 62

Accessories

Drill package 5

- ▶ Vice [felix] 150 2.0
- ▶ Taper mandrel MK III/B18
- ▶ Reduction sleeve MK III/MK I
- ▶ Reduction sleeve MK III/MK II
- ▶ Quick-change drill chuck B18 3-16 mm (accuracy 0.17 mm)
Order no. 296.594

