

Bench drill and column drill

TB 20 ▶ Plus

TBZ 20 ▶ Plus

SB 20 ▶ Plus



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

Fig.: TB 20 ▶ Plus with special equipment

Fig.: SB 20 ▶ Plus with special equipment

Standard equipment

- ▶ 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 button
- ▶ Thermal overload protection
- ▶ Spindle stop
- ▶ Drill protection with electrical fuse
- ▶ Connecting cable with CEE plug

Special equipment

- ▶ LED lighting with articulated arm
Order no. 290.240
- ▶ Machined base plate incl. integrated coolant system (only SB models)
Filling quantity: max. 15 l
Delivery rate: max. 30 l/min
Order no. 290.160A
- ▶ Coolant system (separate container)
Filling quantity: max. 15 l
Delivery rate: max. 30 l/min
Order no. 290.340
- ▶ Foot switch
Drilling function: Spindle ON and OFF
Thread cutting function: Clockwise/anti-clockwise rotation
Order no. 225.029

Accessories

- ▶ Machine cabinet with door for TB/TBZ
Height: 800 mm
Weight: 36 kg
Order no. 201.160

Drill package 3

- ▶ Vice [felix] 100 2.0
- ▶ Taper mandrel MK II/B18
- ▶ Reduction sleeve MK II/MK I
- ▶ Quick-change drill chuck B18 3-16 mm (accuracy 0.17 mm)
Order no. 296.592



Technical data

Drilling capacity/normal drilling performance (mm)	20/23 (in E335/ST60)
Thread cutting performance max. (depending on gradient)	M12
Spindle	MK II
Drilling depth (mm)	100
Distance column-spindle (mm)	240
Column diameter (mm)	82
Useable table surface (W x L) (mm)	340 x 280
T-slot size (arm), distance (mm), width measurement (mm)	Quantity 2, 125, 13/26
Speed indicator	digital
Drilling depth indicator	digital
Drilling depth stop	Quick-adjust thrust ring
Feed	by hand
Table height adjustment	with toothed rack
Three-phase current motor 400 V with frequency converter (kW)	1.5
Spindle speed, stepless (1/min)	40-4,000

TB 20 Plus*

Distance spindle - working surface (mm)	
Table	155-415
Base	155-550
Machine dimensions without VP (mm)	355 x 705 x 1,065
Machine dimensions with VP (mm)	570 x 940 x 1,612
Weight (kg)	170
Order no.	220.105

TBZ 20 Plus*

Distance spindle - working surface (mm)	
Base	155-550
Column diameter (mm)	82
Machine dimensions (mm)	
with cabinet	370 x 705 x 1,845
with cabinet with VP	572 x 940 x 2,140
without cabinet	355 x 705 x 1,045
without cabinet with VP	570 x 940 x 1,600
Weight without cabinet (kg)	155
Order no.	220.110

SB 20 Plus*

Spindle/table (mm)	160-880
Machine dimensions without VP (mm)	355 x 705 x 1,825
Machine dimensions with VP (mm)	572 x 936 x 2,142
Weight (kg)	195
Order no.	220.100

Additional accessories from page 62

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