

# Bench drill and column drill

TB 25 ▶ Plus

TBZ 25 ▶ Plus

SB 25 ▶ Plus



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

Fig.: TBZ 25 ▶ Plus with special equipment

Fig.: SB 25 ▶ 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 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 device (SB version only)  
Filling capacity: max. 15 l  
Delivery rate: max. 30 l/min  
**Order no. 290.160B**
- ▶ 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. 205.160**

### Drill package 4

- ▶ Vice [felix] 120 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. 296.593**



## Technical data

Drilling capacity/normal drilling performance (mm)	R1	23/25 (in E335/ST 60)
	R2	20/23 (in E335/ST 60)
Thread cutting capacity max. (depending on gradient)	R1	M16x1
	R2	M12
Spindle	MK III	
Drilling depth (mm)	115	
Distance column-spindle (mm)	260	
Column diameter (mm)	110	
Useable table surface (W x L) (mm)	420 x 340	
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) with gearing	R1	20-2,000
	R2	30-3,000

### TB 25 Plus\*

Distance spindle - working surface (mm)	Table	230-590
	Base	230-670
	Machine dimensions without VP (mm)	430 x 715 x 1,250
Machine dimensions with VP (mm)	570 x 940 x 1,600	
Weight (kg)	250	
<b>Order no. R1</b>	<b>225.011</b>	
<b>Order no. R2</b>	<b>225.016</b>	

### TBZ 25 Plus\*

Distance spindle - working surface (mm)	Base		230-730
	Machine dimensions (mm)	with cabinet	430 x 715 x 2,050
with cabinet with VP		637 x 1,096 x 2,120	
without cabinet		430 x 715 x 1,250	
without cabinet with VP		570 x 940 x 1,600	
Weight without cabinet (kg)	235		
<b>Order no. R1</b>	<b>225.012</b>		
<b>Order no. R2</b>	<b>225.017</b>		

### SB 25 Plus\*

Spindle/table	230-850	
Machine dimensions without VP (mm)	430 x 715 x 1,800	
Machine dimensions with VP (mm)	670 x 1,100 x 2,140	
Weight (kg)	290	
<b>Order no. R1</b>	<b>225.010</b>	
<b>Order no. R2</b>	<b>225.015</b>	

**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.