

Bench drill and column drill

TB 23 ▶ Plus

TBZ 23 ▶ Plus

SB 23 ▶ Plus



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

Fig.: TBZ 23 ▶ Plus with special equipment

Fig.: SB 23 ▶ 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 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



* 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 | 23/25 (in E335/ST60) |
| | R2 | 20/23 (in E335/ST60) |
| Thread cutting capacity max. (depending on gradient) | R1 | M16x1 |
| | R2 | M12 |
| Spindle | MK II | |
| Drilling depth (mm) | 100 | |
| 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 23 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 |
| Order no. R1 | 223.021 |
| Order no. R2 | 223.026 |

TBZ 23 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 |
| Order no. R1 | 223.022 |
| Order no. R2 | 223.027 |

SB 23 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 |
| Order no. R1 | 223.020 |
| Order no. R2 | 223.025 |

Additional accessories from page 62