

Data sheet – TBZ 23 Plus

Bench drill without intermediate table
with optional base cabinet



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Drilling technology medium format

R1 Item no.: 223.022

R2 Item no.: 223.027



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.



Watch the YouTube video

Additional information



To the operating instructions

Technical data
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Drilling depth (mm)	100
Tapping performance (depending on pitch)	
R1	M16x1
R2	M12
Spindle speed infinitely variable (1/min)	
R1 with counterweight	20 - 2.000
R2	30 - 3.000
Spindle	MK2
Speed indicator	Digital
Drilling depth indicator	Digital
Drilling depth stop	Quickly adjustable stop ring
Feed rate (mm/revolution)	manual
Table height adjustment	with rack
Three-phase motor – frequency-controlled, mains connection 400 V (kW)	1,5
Continuous/normal drilling capacity (mm)	
R1	23/25 (in E335/ST60)
R2	20/23 (in E335/ST60)
Projection (mm)	260
Column diameter (mm)	110
Usable work surface (W x L) (mm)	420 x 340
Distance spindle/working surface (mm)	230 - 850
T-slot size (arm), distance (mm), dimension width (mm)	Number 2, 125, 13/26
Machine dimension without packaging (mm)	430 x 715 x 1.250
Machine Dimension with Packing (mm)	570 x 940 x 1.600
Machine dimensions (mm) with cabinet without packaging	430 x 715 x 2.050
Machine dimensions (mm) with cabinet with packaging	637 x 1.096 x 2.120
Weight without cabinet (kg)	235
Weight with cabinet (kg)	271

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
- 3-year warranty for single-shift operation