

SB 23 Plus COLUMN DRILL

Column Drill

Drilling technology medium format

R1 Item-No.: 223.020

R2 Item-No.: 223.025

Possible uses of the FLOTT SB 23 Plus

The FLOTT SB 23 Plus is a versatile column drill with two selectable speed ranges for precise drilling work on a wide variety of materials. It is particularly suitable for the following areas of application:

Metalworking

With a maximum drilling capacity of up to 25 mm in steel (depending on the model) and the option of thread cutting, the SB 23 Plus convinces in daily use in metalworking. Two switchable speed ranges ensure optimal cutting speeds, depending on the material and tool.

Workshops & repair shops

Thanks to its solid column construction, powerful drive and adjustable drilling table, the SB 23 Plus is ideal for repair and maintenance work on a wide variety of components – from medium to larger formats. The easy handling and robust technology make it the ideal workshop machine.

Precision Mechanics & Prototype Construction

The combination of digital speed display, precise drilling depth stop and selectable speed ranges enables precisely controlled drilling for small series, fixture construction and individual parts.

Training & Teaching

Thanks to its clear control panel, safety equipment with emergency stop, spindle stop and drilling protection, the SB 23 Plus is also a sought-after machine in training workshops and educational institutions. It allows the practical learning of professional drilling techniques with the highest safety standard.

Model Making & Precision Craftsmanship

With its smooth running, sensitive control and a wide speed range (20–3,000 rpm), the SB 23 Plus offers optimal conditions for precise drilling work in metal, plastic or wood.



The SB 23 Plus is at home wherever reliable drilling performance, flexible speed adjustment and compact design meet – from metalworking companies to workshops and maintenance areas to school training centres and laboratories. Its robust design, powerful drive with two speed ranges and user-friendly control make it a versatile all-rounder for precise and demanding drilling work in the medium power range.



YouTube Video



Video Presentation



Operating instructions

Technical Data

Continuous/normal drilling capacity (mm) R1 R2	23/25 (in E335/ST60) 20/23 (in E335/ST60)
Threading performance (slope-dependent) R1 R2	M16x1 M12
Spindle speed infinitely variable (1/min) R1 with countershaft R2	20 - 2.000 30 - 3.000
Drilling depth (mm)	100
Spindle	MT2
Motor three-phase – frequency-controlled, mains connection 400 V (kW)	1,5
Projection (mm)	260
Column diameter (mm)	110
Usable work surface (W x L) (mm)	420 x 340
Distance spindle/work surface (mm)	230 - 850
Feed rate (mm/revolution)	manual
Speed display	Digital
Drilling depth indicator	Digital
Drilling depth stop	Quickly adjustable stop ring
Table height adjustment	with rack and pinion
T-slot size (arm), spacing (mm), dimension width (mm)	Number 2, 125, 13/26
Machine dimension without packaging (mm)	430 x 715 x 1,800
Machine Dimension with Packing (mm)	670 x 1,100 x 2,140
Weight (kg)	290

Standard equipment

- ▶ Integrated LED lighting for optimal view of the workpiece
- ▶ OLED display with display of speed, drilling depth and operating status
- ▶ Switching between drilling and tapping at the touch of a button
- ▶ Quick and ergonomically adjustable drilling depth stop
- ▶ Table height adjustment via rack for flexible adaptation to large workpieces
- ▶ High level of safety thanks to drilling protection with electrical protection, spindle stop, emergency stop switch and thermal overload protection
- ▶ Frequency-controlled drive for smooth running, energy efficiency and constant performance
- ▶ 3-year warranty for single-shift operation

The drill is equipped with a frequency converter and complies with the DIN EN 55011:2016 + A1:2017 standard

The SB 23 Plus from FLOTT is the perfect choice for all those who place the highest demands on precision, ease of use and robust technology – whether in industry, workshops or technical training. Manufactured in Germany and designed for daily use in a professional environment, this column drill combines modern control technology with particularly solid mechanics. With two selectable speed ranges – infinitely variable from 20 to 2,000 rpm (R1 with countershaft) or 30 to 3,000 rpm (R2) depending on the model – as well as a drilling capacity of up to 25 mm in steel (R1), the SB 23 Plus offers powerful power reserves for a wide range of applications – from drilling to threading up to M16 and precise fine machining. The large OLED display provides clearly structured information on speed, drilling depth and operating status at all times. The digital depth display, the ergonomically adjustable drilling depth stop and the convenient table height adjustment via rack enable precise and efficient work – even on larger components. A comprehensive safety concept with emergency stop, spindle stop and electrically secured drill protection, combined with the bright LED work light and the intuitive control panel, ensures maximum control and safety during operation. The frequency-controlled 1.5 kW motor stands for smooth running, energy efficiency and constant performance – in line with FLOTT quality.

Highlights at a glance:

- ▶ Stepless speed control (20–2,000 rpm for R1 or 30–3,000 rpm for R2)
- ▶ Drilling capacity up to 25 mm in steel / thread cutting up to M16 (depending on model)
- ▶ OLED display with display of speed, drilling depth and operating status
- ▶ LED work light for optimal illumination of the workpiece
- ▶ Robust machine housing with large projection (260 mm) and table height adjustment via rack
- ▶ Spindle holder: MT2
- ▶ Emergency stop switch, spindle stop and electrically secured drilling protection as standard

Whether in the workshop, in the training company or in industrial production – the SB 23 Plus delivers powerful and precise results in every application and stands for maximum performance, durability and German engineering at the highest level.

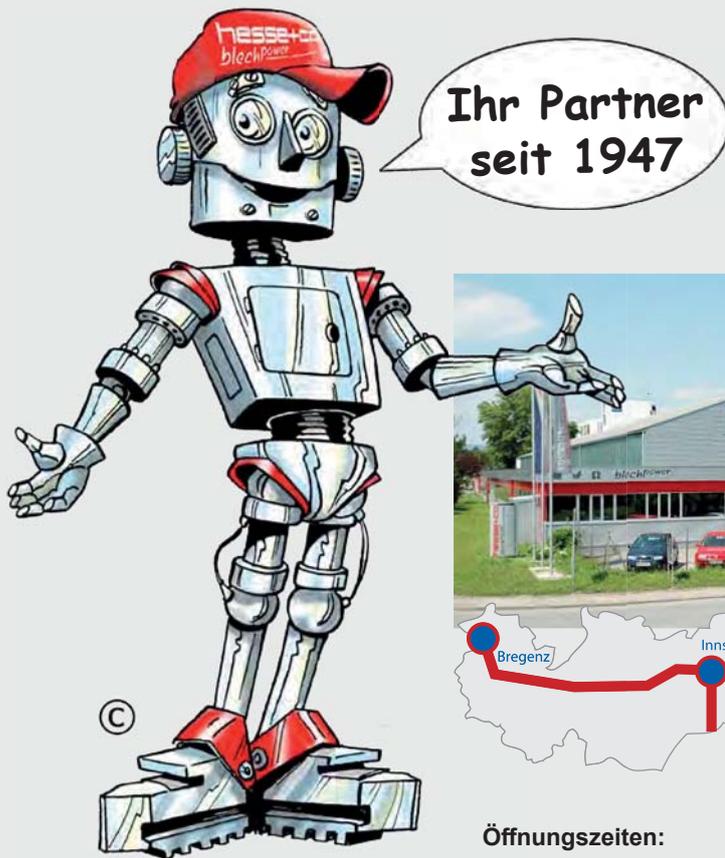
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