

## SB 18 Plus

### COLUMN DRILL

### Column Drill

*Drilling technology medium format*

Item-No.: 218.308

#### Possible applications of the FLOTT SB 18 Plus

The FLOTT SB 18 Plus is a powerful column drill for professional applications that require high drilling performance, precision, and maximum flexibility at large workpiece heights. It is particularly suitable for the following areas of application:

#### Metalworking

The SB 18 Plus is ideal for high-performance drilling in steel up to 20 mm and for tapping work up to M12. It is widely used in mechanical engineering, metalworking and fixture construction, where high drilling capacities and high working heights are required.

#### Workshops & repair shops

With its large projection, table height adjustment via rack and powerful motor, the SB 18 Plus is perfect for repairs, reworking and assembly work on larger components and constructions.

#### Precision Mechanics & Prototype Construction

The infinitely variable speed from 30 to 3,000 rpm, the digital display for speed and drilling depth as well as the simple switching between drilling and tapping offer ideal conditions for prototypes, individual parts and small series – even for larger workpieces.

#### Training & Teaching

Thanks to its clear operation, OLED display and extensive safety equipment, the SB 18 Plus is also ideally suited for use in training workshops, vocational schools and universities. It teaches the basics of drilling technology and threading in a practical way.

#### Model Making & Precision Craftsmanship

Even for larger precision work in model making or for custom-made handicrafts, the SB 18 Plus delivers precise and clean drilling results in a wide variety of materials such as steel, aluminium, wood or plastics.



The SB 18 Plus is at home wherever high drilling performance, large radius and maximum flexibility in workpiece height are required – from industrial use to repair and maintenance departments to training centres and technical laboratories. Its robust design, powerful drive technology and precise control make it a versatile all-rounder for demanding drilling applications.



YouTube Video



Video Presentation



Operating instructions

## Technical Data

Continuous/normal drilling capacity (mm)	18/20 (in E335/ST60)
Threading performance (slope-dependent)	M12
Spindle speed infinitely variable (1/min)	30 - 3000
Drilling depth (mm)	100
Spindle	MT2
Motor three-phase – frequency-controlled, mains connection 230 V (kW)	0,75
Projection (mm)	240
Column diameter (mm)	82
Usable work surface (W x L) (mm)	340 x 280
Distance spindle/work surface (mm)	160 - 880
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)	355 x 705 x 1,825
Machine Dimension with Packing (mm)	572 x 936 x 2,142
Weight (kg)	195

## 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 workpiece sizes
- ▶ 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 and energy efficiency
- ▶ 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 18 Plus from FLOTT is the ideal choice for all those who place the highest demands on drilling performance, precision and flexibility. Manufactured in Germany and specially developed for professional applications, this column drill combines modern control technology with robust mechanics. With its infinitely variable speed from 30 to 3,000 rpm and a drilling capacity of up to 20 mm in steel, it offers a wide range of applications – from demanding drilling work to thread cutting up to M12. The large OLED display provides clear information about speed, drilling depth and machine status at all times, while the digital depth display and the ergonomically adjustable drilling depth stop enable precise work. The table height adjustment via rack, the large projection and the integrated LED work light offer the best conditions for comfortable and safe work – even with large workpieces. The frequency-controlled drive also ensures a high level of smoothness, energy efficiency and consistent performance in daily workshop use.

### Highlights at a glance:

- ▶ Stepless speed control (30–3,000 rpm)
- ▶ Drilling capacity up to 20 mm in steel / threading up to M12
- ▶ OLED display with speed, depth, and power indication
- ▶ LED work light for optimal view of the workpiece
- ▶ Stable machine housing with large projection and table height adjustment via rack
- ▶ Spindle holder: MT2
- ▶ Integrated emergency stop switch, spindle stop and safety drill protection as standard

Whether in the workshop, in the training company or in maintenance – the SB 18 Plus delivers powerful and precise results in every application and stands for long-lasting quality and German engineering at the highest level.

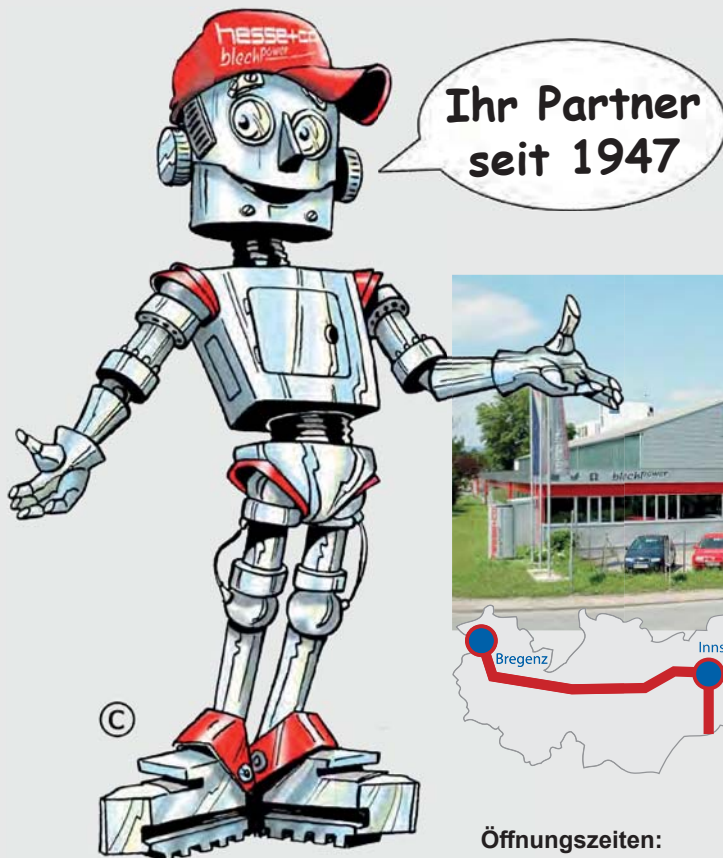
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