

SB 30 MV Plus

COLUMN DRILL

Column drill with feed

Drilling technology large format

R1 Item-No.: 230.505

R2 Item-No.: 230.506

R3 Item-No.: 230.507

Possible uses of the FLOTT SB 30 MV Plus

The FLOTT SB 30 MV Plus is a high-performance column drill with mechanical feed for applications with high drilling capacities, large workpiece heights and heavy workpieces. It is particularly suitable for the following areas of application:

Metalworking

The SB 30 MV Plus is ideal for particularly heavy drilling work in steel up to 30 mm and for threading work up to M30. The mechanical feed with three feed speeds makes it perfect for precise and powerful drilling in large workpieces.

Workshops & repair shops

With its solid column construction, powerful 3 kW motor and large radius, the SB 30 MV Plus is ideal for maintenance, repair and assembly work.

Precision Mechanics & Prototype Construction

The infinitely variable speed control (depending on the selected speed series: R1, R2 or R3), the digital speed and depth display as well as the mechanical feed ensure exact and repeatable bores – ideal for prototypes, individual parts or small series.

Training & Teaching

Thanks to the clear OLED display, intuitive operation and comprehensive safety functions such as drill protection, spindle stop and emergency stop switch, the SB 30 MV Plus is ideal for use in vocational schools, training centres and universities.

Model Making & Precision Craftsmanship

Even for larger model building projects or precise manufacturing tasks, the SB 30 MV Plus offers clean and powerful drilling results thanks to its mechanical feed and high stability – whether in metal, plastic or wood.



The SB 30 MV Plus is at home wherever maximum drilling performance, great feed comfort and maximum stability at large workpiece heights are required – from industrial use to maintenance and repair departments to training centres and technical laboratories. Its robust design, powerful 3 kW drive, mechanical feed and precise control make it a versatile all-rounder for particularly heavy and demanding drilling applications.



YouTube Video



Video Presentation



Operating instructions

Technical Data

Continuous/normal drilling capacity (mm)	
R1	27/32 (in E335/ST60) (100)
R2	25/30 (in E335/ST60) (70)
R3	30/35 (in E335/ST60) (200)
Threading performance (slope-dependent)	
R1	M24x3,0
R2	M20x2,5
R3	M30x3.5
Spindle speed infinitely variable (1/min)	
R1 (1-stage)	0 – 1000
R2 (1-stage)	0 – 1600
R3 (2-stage with countershaft)	0 – 4000
Drilling depth (mm)	125
Spindle	MT3
Motor three-phase – frequency-controlled, mains connection 400 V (kW)	3,0
Projection (mm)	300
Column diameter (mm)	125
Usable work surface (W x L) (mm)	590 x 450
Distance spindle/work surface (mm)	150 - 700
Feed rate (mm/revolution)	0,10/0,16/0,25
Speed display	Digital
Drilling depth indicator	Digital
Drilling depth stop	with fine adjustment
Table height adjustment	with rack and pinion
Machine dimension without packaging (mm)	610 x 900 x 1,980
Machine Dimension with Packing (mm)	670 x 1,100 x 2,140
Weight (kg)	385

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
- ▶ Mechanical feed with three selectable feed speeds (0.10 / 0.16 / 0.25 mm/rev)
- ▶ Quick and ergonomically adjustable drilling depth stop
- ▶ Table height adjustment via rack for flexible adaptation to large workpiece heights
- ▶ High level of safety thanks to drilling protection with electrical protection, spindle stop, emergency stop switch and thermal overload protection
- ▶ Frequency-controlled 3 kW drive for smooth running, energy efficiency and constant power
- ▶ 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 FLOTT SB 30 MV Plus is a particularly powerful column drill with mechanical feed for industrial use, repair shops and training centres. With a drilling capacity of up to 30 mm in steel and threading up to M30, it is designed for particularly heavy drilling and threading work. Depending on the version, three speed ranges are available: R1 (0–1,000 rpm), R2 (0–1,600 rpm) or R3 (0–4,000 rpm), driven by a frequency-controlled 3 kW three-phase motor. The spindle-to-work surface distance of 150–700 mm, the projection of 300 mm and the drilling depth of up to 125 mm offer optimum flexibility for large workpieces. For precise work, the SB 30 MV Plus has a mechanical feed with three feed speeds (0.10 / 0.16 / 0.25 mm/rev), a digital speed and depth display in the OLED display, LED work area lighting and table height adjustment via rack. The extensive safety equipment with spindle stop, drilling protection, thermal overload protection, undervoltage trigger and emergency stop switch ensures safe operation even under the toughest conditions. The robust construction and modern control technology make the SB 30 MV Plus the ideal solution for heavy and demanding drilling applications with feed.

Highlights at a glance:

- ▶ Stepless speed control with three selectable speed ranges: R1 (0–1,000 rpm), R2 (0–1,600 rpm) or R3 (0–4,000 rpm)
- ▶ Drilling capacity up to 30 mm in steel / threading up to M30
- ▶ Mechanical feed with three feed speeds (0.10 / 0.16 / 0.25 mm/rev)
- ▶ OLED display with display of speed, drilling depth and operating status
- ▶ LED work light for optimal illumination of the workpiece
- ▶ Robust machine housing with 300 mm projection and table height adjustment via rack
- ▶ Spindle holder: MT3
- ▶ Emergency stop switch, spindle stop, thermal overload protection and safety drilling protection as standard

Whether in the workshop, in the training company or in industrial production – the SB 30 MV Plus delivers powerful and precise results in every application and stands for maximum drilling performance, maximum stability and German engineering at the highest level.

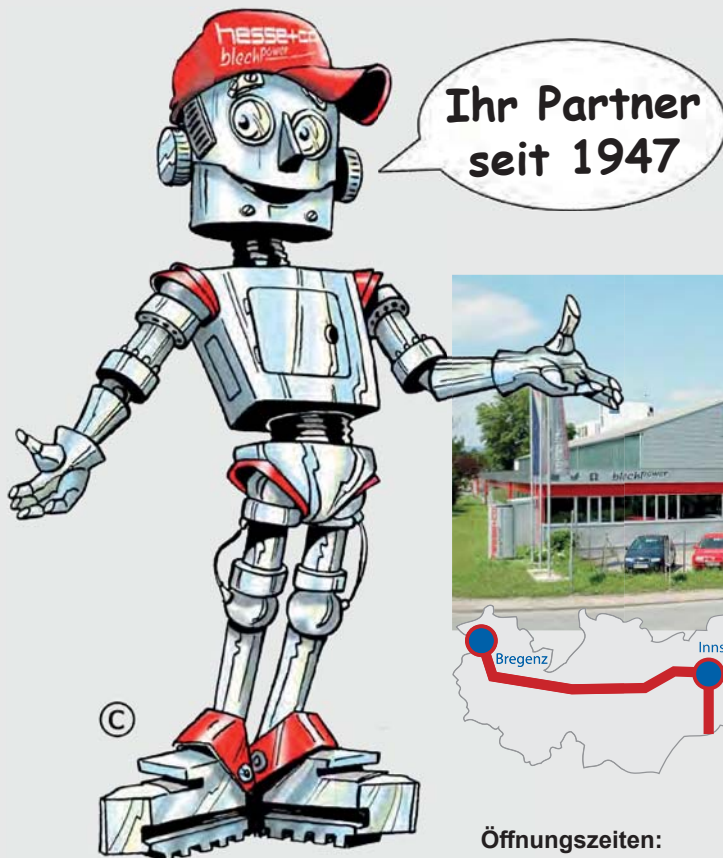
Vertrauen Sie auf über 70 Jahre Erfahrung!

Die Firma HESSE+CO wurde 1947 als Hersteller von Blechbearbeitungsmaschinen gegründet. Seit 1980 sind wir auf den Handel mit neuen sowie gebrauchten Blechbearbeitungs- und Werkzeugmaschinen spezialisiert. Wir haben ständig etwa 300 Maschinen in unserer 2.000 m² großen Ausstellungshalle, die nur 20 Minuten vom internationalen Flughafen Wien entfernt ist.

Trust in more than 70 years of experience!

HESSE+CO was established in 1947 as a manufacturer of sheet metal working machines. Since 1980 we are specialized in dealing with new and second hand sheet metal processing machines and machine tools. We always have approximately 300 machines available in our 2.000 m² showroom, which is located only 20 minutes from the Vienna International Airport, waiting for your inspection.

www.hesse-maschinen.com



Öffnungszeiten:

Mo - Do 8:00 - 16:30 Uhr
Fr 8:00 - 14:30 Uhr

HESSE+CO Maschinenfabrik GmbH
Industriezentrum NÖ-Süd
Straße 4 - Objekt 8
A-2351 Wiener Neudorf
AUSTRIA

hesse **hesse+co**
blechpower
maschinen und werkzeuge

Technische Änderungen, Irrtum und Druckfehler vorbehalten.
Gültig bis auf Widerruf.

Tel.: +43/2236/638 70-0
Fax: +43/2236/636 62
office@hesse-maschinen.com
www.hesse-maschinen.com
www.blechpower.com