

## TB 13 Plus MT2

### BENCH DRILL

### Bench drill

*Drilling technology small format*

Item-No.: 212.503

#### Possible applications of the FLOTT TB 13 Plus

The FLOTT TB 13 Plus is a high-performance bench drill for professional applications where precision, safety and versatility are important. It is particularly suitable for the following areas of application:

#### Metalworking

The TB 13 Plus enables precise drilling in steel, aluminum, brass and stainless steel. It is ideal for workpieces up to Ø 15 mm in normal operation and allows threading up to M10 – perfect for fixture construction, mechanical engineering or use in metal workshops.

#### Workshops & repair shops

Easy to maintain and flexible: The machine can be quickly adjusted to different requirements. It is ideal for assembly work as well as for redrilling damaged components.

#### Precision Mechanics & Prototype Construction

Thanks to its infinitely variable speed and digital depth display, the TB 13 Plus MT2 offers particularly fine and precise bores. This makes it ideal for prototypes, individual parts and small series – for example in research and development departments.

#### Training & Teaching

With its simple operation, the well thought-out safety concept and the clearly visible display, it is ideally suited for use in schools, training centres and universities. It teaches the basics of drilling, measuring, workpiece clamping and threading in a practical way.

#### Model Making & Precision Craftsmanship

Ideally suited for model or tool making, where exact drilling positions, clean drilling patterns and even cuts are required. Plastics, wood-based materials and thin-walled materials can also be processed precisely and cleanly.



The TB 13 Plus is at home wherever accuracy is required – from industrial use to technical laboratories and training. Their robust design and precise control make them a versatile all-rounder for any professional workshop.



YouTube Video



Video Presentation



Operating instructions

## Technical Data

Continuous/normal drilling capacity (mm)	13/15 (in E335/ST60)
Threading performance (slope-dependent)	M10
Spindle speed infinitely variable (1/min)	40 - 4000
Drilling depth (mm)	60
Spindle	MT2
Motor three-phase – frequency-controlled, mains connection 230 V (kW)	0,54
Projection (mm)	220
Column diameter (mm)	70
Usable work surface (W x L) (mm)	300 x 250
Distance spindle/work surface (mm)	85-370 (table), 420 (feet)
Feed rate (mm/revolution)	manual
Speed display	Digital
Drilling depth indicator	Digital
Drilling depth stop	Stop ring (positive fit)
Table height adjustment	with rack and pinion
T-slot size (arm), spacing (mm), dimension width (mm)	Cross grooves, number 2, 14/26
Machine dimension without packaging (mm)	400 x 520 x 850
Machine Dimension with Packing (mm)	452 x 700 x 1,130
Weight (kg)	62

The TB 13 Plus from FLOTT is the perfect choice for all those who place the highest demands on precision, ease of use and durability. Manufactured in Germany and consistently designed for professional applications, this bench drill combines modern technology with robust mechanics. With its infinitely variable speed from 40 to 4,000 rpm and a drilling capacity of up to 15 mm in steel, it can be used in a variety of ways – from fine drilling to thread cutting up to M10. The clear OLED display provides clear information about speed and drilling depth, while the digital depth display and integrated drilling depth stop enable precise work. The stable drilling table with T-slots, the height-adjustable column and the integrated LED work light offer optimal conditions for comfortable and safe working. Thanks to the frequency converter, the TB 13 Plus is particularly quiet and energy-efficient.

### Highlights at a glance:

- ▶ Stepless speed control (40–4,000 rpm)
- ▶ Drilling capacity up to 15 mm in steel / tapping up to M10
- ▶ OLED display with speed and depth indicator
- ▶ LED work light for good visibility on the workpiece
- ▶ Stable machine housing and height-adjustable table
- ▶ Spindle mount: MT2 (optional B16)
- ▶ Integrated emergency stop switch & safety drill protection

## Standard equipment

- ▶ Integrated LED lighting for best visibility
- ▶ OLED display with display of speed, drilling depth and operating status
- ▶ Switching between drilling and tapping at the touch of a button
- ▶ Drilling depth stop for ergonomic work
- ▶ Height adjustment via rack and pinion
- ▶ High safety thanks to drilling protection, spindle stop, emergency stop and thermal overload protection
- ▶ 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

Whether in the workshop, in the training company or in the laboratory – the TB 13 Plus delivers precise results in every application and stands for German engineering at the highest level.

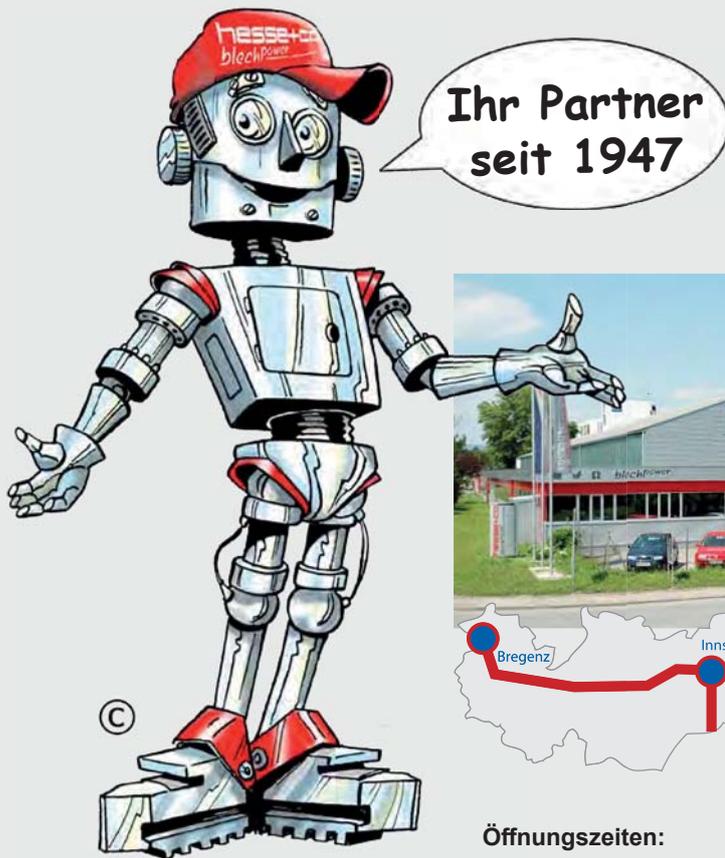
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