



SKU : 470553

TRIAL MACHINE

Without CE mark, only for export to countries outside the EU

This drill press is the right choice for any workshop, and ideal all applications from maintenance to production. These universal drill presses feature a thick-walled column, powerful drives, and robust gears for spindle speed and feed. The spacious work area and a large universal setup table allow for easy handling and precise machining of medium-sized workpieces.

- Robust, heavy design
- Swiveling and rotating work table
- Automatic drill feed
- Motorized table height adjustment
- Thread cutting feature
- Integrated coolant system

TECHNICAL SPECS

WORKING AREA

Drilling capacity	50 mm
Tapping capacity (max.)	M 30
Table set up area	580 mm x 460 mm
Spindle nose-to-table surface distance	410 mm
Spindle nose-to-foot distance	1170 mm
Throat depth	360 mm
Column diameter	180 mm
Quill stroke	240 mm
Table swivel range (max.)	45 deg

HEADSTOCK

Speed range	52 1/min - 1400 1/min
Spindle mount	4 MT

FEED

Quill feeds	(4)0.1-0.4 mm/R
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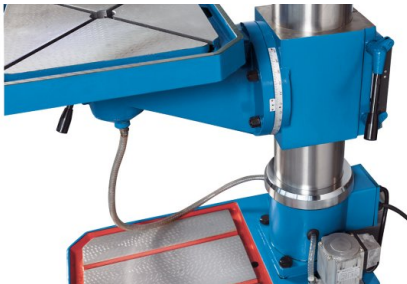
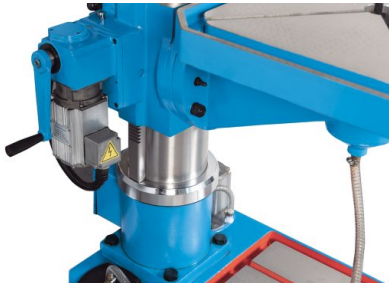
DRIVE CAPACITY

Motor rating main drive	3 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.95 m x 0.68 m x 2.41 m
Weight	670 kg

PRODUCT DETAILS



Machine Frame

- This machine features a very rigid construction with thick-walled column and large throat
- The drill table features motorized table height adjustment and can be tilted 45° to either side
- Crosswise arranged T-slots offer a wide variety of clamping possibilities
- The table's swivel and rotation functions simplify the alignment of different workpiece shapes and clamping tools with the drill spindle
- The central coolant return is integrated in the drill table for even more convenience
- The drill press base features a large, precision-machined setup area with parallel clamping slots

Spindle head

- A precision-stepped spindle gear drive allows for a wide rpm range with high torque across the entire speed range
- The current speed is shown on a digital display on the machine control panel
- The 4-step feed gear is integrated in the drill head and runs in an oil bath for low maintenance
- The automatic quill feed features an electromagnetic clutch for smooth and comfortable shifting
- The drill depth can be limited in the automatic feed via an electronic depth stop
- After reaching the desired drill depth, the feed will automatically shut off, and the quill will be returned to its zero position via spring force
- If the user selected the thread cutting function, this stop will also define the desired thread depth
- Upon reaching the set position, the machine will automatically reverse spindle rotation
- A powerful integrated coolant pump is part of the standard equipment
- The modern LED machine light is bright, long lasting, and provides optimum lighting for increased operator safety
- For quick tool changing, the SSB drill presses feature an ejection function within the quill that requires no tools

Sample product

- Only for markets outside the EU. Fully tested and fully functional machine, no warranty, but includes a 6-month warranty on replacement parts (wear parts excluded)
- For the EU market, we offer a wide portfolio of drill presses. Please visit our website for detailed information
- If you have questions regarding a product or sales limitations, please contact our sales experts

Standard Equipment

- Thread cutter
- Protective shield
- LED work lights
- Coolant system
- Operating tools
- Operation manual



KNUTH on YouTube

Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?
Please feel free to contact us!**