



**SKU : 470559**

**TRIAL MACHINE**

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

Series Y32 drill presses are 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.

- Swiveling and vertically adjustable drill head
- Swiveling and rotating work table
- Automatic drill feed
- Thread cutting feature
- Integrated coolant system

## TECHNICAL SPECS

### WORKING AREA

Drilling capacity	32 mm
Tapping capacity (max.)	M 22
Table set up area	540 mm x 440 mm
Spindle nose-to-table surface distance	620 mm
Spindle nose-to-foot distance	1265 mm
Throat	320 mm
Column diameter	120 mm
Quill stroke	155 mm
Drill head travel	285 mm
Manual table travel	490 mm
Table swivel range (max.)	45 deg

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.88 m x 0.52 m x 2.22 m
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### HEADSTOCK

Speed range	125 1/min - 3030 1/min
Spindle mount	4 MT

### FEED

Quill feeds	0.1,0.2,0.3 mm/R
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### DRIVE CAPACITY

Motor rating main drive	1.2 kW
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## PRODUCT DETAILS



- The entire series features a very rigid construction with thick-walled column and large throat
- The drill head swivels  $\pm 45^\circ$  to the left and right and its height is adjustable
- The drill table swivels  $45^\circ$  to either side and its height is adjustable via hand crank
- Crosswise arranged T-slots offer a wide variety of clamping possibilities
- The table's swivel and rotation functions simplify alignment of workpieces and clamping devices
- The central coolant passage ensures smooth rotations even beyond  $360^\circ$
- The drill press foot serves as coolant reservoir and also offers a large, precision-machined setup area with parallel clamping slots.
- 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 3-step feed gear is integrated in the drill head, runs in an oil bath for low maintenance and is easy to shift
- The automatic quill feed features an electromagnetic clutch for smooth and comfortable shifting
- The quill stroke can be easily read at a large scale on the drill head, and the drill depth can be limited in the automatic feed via an integrated 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
- Extensive standard equipment and operating tools complete the equipment package

### 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)
- 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



## 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!**