



**SKU : 470611**

### TRIAL MACHINE

Series SSB Xn drill presses are the right choice for any workshop, from repairs to finishing. 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.

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

## TECHNICAL SPECS

### WORKING AREA

Drilling capacity	32 mm
Tapping capacity, steel	M 20
Table set up area	500 mm x 420 mm
Manual table travel	415 mm
Quill stroke	190 mm
Table swivel range (max.)	± 45°
Spindle nose-to-table surface distance	630 mm
Spindle nose-to-foot distance	1185 mm
Throat	320 mm
Column diameter	120 mm
Table load capacity	100 kg

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.7 m x 1.15 m x 2.15 m
Weight	560 kg

### HEADSTOCK

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

### 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



### Machine Frame

- The entire series features a very rigid construction with thick-walled column and large throat
- The SSB 32 Xn drill head swivels  $\pm 45^\circ$  to the left and right and its height is manually adjustable
- The drill table height can be manually adjusted via a rack-and-pinion gear drive and tilted  $45^\circ$  to either side
- Parallel 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 foot provides a large precision-machined setup area

### Spindle head

- A 2-step motor and a precision-stepped spindle gear drive allow for a wide rpm range with high torque across the entire speed range
- High-quality electric components by Schneider ensure high reliability and safety in every-day workshop operations
- The current spindle speed is shown on a digital display on the machine control panel
- The 3-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 entire 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
- The feed automatically stops upon reaching the desired depth
- If the user selected the thread cutting function, this stop will also set the desired thread depth
- Upon reaching the set position, the machine will automatically reverse spindle rotation
- All models of the SSB drill press series come with a powerful coolant pump integrated in the machine foot
- 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
- Reducing sleeves
- Drill chuck and tool-holder bits
- 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!**