



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° 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