



SKU : 162332

The drilling machines of the SSB Xn series are the right choice for every workshop, both for repair and production. These universal drilling machines have a thick-walled column, powerful drives and robust gearboxes for spindle and feed. The large work area and the large universal clamping tables allow easy handling and processing of small workpieces, but also large and heavy parts and assemblies. With its proven reliability, this series has been one of our best-selling solutions for more than 20 years.

- Tilting table for drilling at an angle
- Automatic drilling feed
- Work table with 2 axes of rotation for flexibility in operation
- Well-considered safety protection
- Integrated coolant system

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	490 mm
Quill stroke	160 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
Head swivel range	± 50°
Table load capacity	100 kg

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.84 m x 0.5 m x 1.96 m
Weight	540 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 drill head swivels $\pm 45^\circ$ to the left and right and its height is adjustable
- The drill table swivels 45° 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°
- The drill press foot serves as coolant reservoir and also offers a large, precision-machined setup area with parallel clamping slots.

Spindle and quill

- 6 gear steps and a 2-step motor ensure a wide speed range with 12 speeds
- Electric components by Schneider guarantee trouble-free and safe operation of the entire electric installation
- 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 conveniently placed push button at the capstan handle allows for quick and easy ON/Off switching of the automatic feed via electromagnetic coupling
- 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 SSB series 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

STANDARD EQUIPMENT

Digital display for spindle speed
Thread cutting function
Automatic drilling feed
Accessory set for drilling
Coolant system
Protective shield
LED work lamp
Operator instructions



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!**