



### SKU : 162339

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	40 mm
Tapping capacity, steel	M24
Table set up area	540 mm x 440 mm
Manual table travel	550 mm
Quill stroke	190 mm
Table swivel range (max.)	± 45°
Spindle nose-to-table surface distance	610 mm
Spindle nose-to-foot distance	1195 mm
Throat depth	340 mm
Column diameter	140 mm
Head swivel range	-
Table load capacity	150 kg

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	0.95 m x 0.61 m x 2.23 m
Weight	550 kg

### HEADSTOCK

Spindle mount	4 MT
Speed range	75 1/min - 2020 1/min

### FEED

Quill feeds	0,12; 0,24; 0,4 mm/R
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### DRIVE CAPACITY

Motor rating main drive	1.5 kW
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## PRODUCT DETAILS



*The SSB 32 Xn drill head swivels  $\pm 45^\circ$  to the left and right and its height is adjustable*



*The 3-step feed gear is integrated in the drill head, runs in an oil bath for low maintenance and is easy to shift*



*Large drill press table with adjustable angle*



*Coolant system is included*

### Machine Frame

- The entire series features a very rigid construction with thick-walled column and large throat
- 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.

### Spindle and quill

- The 12-step main drive combined with a powerful motor offers a wide, finely segmented speed range
- 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

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!**