



### SKU : 101673

The drilling machines of the SSB F Super series are the right choice for every workshop, from maintenance to production. The sturdy drilling machines are constructed with a thick-walled column and powerful drives. The spindle speed is infinitely variable and the quill feed has a robust gearbox. Whether via the control panel or touchscreen, all functions are clearly displayed and are easy to use. The clamping table can be moved in height using a motor and facilitates the handling of heavy parts.

- High drilling and thread cutting capacity
- Infinitely variable speed
- Motorized table height adjustment
- Swiveling and rotating setup table
- Fully equipped

## TECHNICAL SPECS

### WORKING AREA

Drilling capacity	50 mm
Tapping capacity, steel	M 30
Table set up area	570 mm x 460 mm
Quill stroke	200 mm
Manual table travel	530 mm
Powered table travel	410 mm
Table swivel range (max.)	± 45°
Column diameter	180 mm
Spindle nose-to-table surface distance	550 mm
Spindle nose-to-foot distance	1175 mm
Throat	360 mm

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.15 m x 0.68 m x 2.36 m
Weight	650 kg

### HEADSTOCK

Speed range	50 1/min - 2200 1/min
Spindle mount	4 MT

### FEED

Quill feeds	0,08; 0,12; 0,17; 0,24; 0,35; 0,50 (6) mm/R
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### DRIVE CAPACITY

Motor rating main drive	2.2 kW
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## PRODUCT DETAILS

### Ideal for drilling, countersinking, reaming and tapping

- Heavy construction with thick-walled column
- Base, column, table and gear head are made of premium high-quality cast iron
- Large drill press table with circumferential coolant groove, height adjustment, and  $\pm 45^\circ$  swivel range
- Table height adjustment via a powerful motorized drive
- The auxiliary gears run in an oil-bath for maximum reliability and minimum wear
- 4 automatic drill feeds with electromagnetic clutch control and automatic shut-off when reaching the limit stop
- Easy handling of the machine ensures effortless operation in a production environment
- Thread-cutting feature is standard

### Modern operating concept with rugged touchscreen display

- 8" touchscreen features a rugged, resistant surface
- No programming skills are required for the modern, patented control system
- The infinitely variable spindle speed can be controlled at the display and is easy to read
- The control system assists the operator with the selection of the correct rpm and feed speed
- The system recommends cutting parameters based on bore diameter and material, which also may be accepted automatically
- The depth stop is set electronically at the display
- Measuring units for input and display can be selected by the operator (mm or inch)
- Various alarm screens warn the operator in case of operational errors
- The high-performance coolant system also is activated at the touchscreen
- The system features an operating hour counter

## STANDARD EQUIPMENT

Touchscreen controller  
Thread cutting function  
Protective shield  
LED work lamp  
Coolant system  
Operating tools  
Operator 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!**