



# Column Drilling Machines

## SSB 50 F Super VT



### 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	1.97 in
Tapping capacity, steel	M 30
Table set up area	22 in x 18 in
Quill stroke	8 in
Manual table travel	20.87 in
Powered table travel	16.14 in
Table swivel range (max.)	± 45°
Column diameter	7 in
Spindle nose-to-table surface distance	22 in
Spindle nose-to-foot distance	46 in
Throat	14 in

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	46 in x 27 in x 93 in
Weight	1430 lbs

### HEADSTOCK

Speed range	50 rpm - 2200 rpm
Spindle mount	4 MT

### FEED

Quill feeds	0,0031 0,0047 0,0067 0,0094 0,0138 0,0197 "/rev
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### DRIVE CAPACITY

Motor rating main drive	3 Hp
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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