

# Column Drilling Machines

## SSB F 60 Super VT PRO



### SKU : 101680

The drilling machines of the SSB F 60 Super VT series are the servo-conventional solution for every workshop. This machine offers an electronically controlled servo quill feed with a large touchscreen operating display, which also supports the user in selecting the correct machining parameters. Feed and speed are infinitely variable. The entire design of the machine is very solid and the drilling performance is superior. This drilling machine is ideal for single and small series production, especially in the maintenance of large systems and in steel construction and workshops.

- High drilling and thread cutting capacity
- Servo motor for quill feed
- Touchscreen control panel with additional features
- Infinitely variable speed
- Motorized table height adjustments
- Swiveling and rotating setup table
- 3-year Warranty on the Touchscreen

## TECHNICAL SPECS

### WORKING AREA

Drilling capacity	60 mm
Tapping capacity, steel	M 42
Table set up area	600 mm x 500 mm
Quill stroke	200 mm
Table swivel range (max.)	± 45°
Table stroke	528 mm
Column diameter	200 mm
Throat	370 mm
Spindle nose-to-foot distance	1123 mm
Spindle nose-to-table surface distance	520 mm

### HEADSTOCK

Speed range	50 - 316, 316 - 2000 1/min
Spindle mount	5 MT

### FEED

Quill feeds	stufenlos mm/R
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### DRIVE CAPACITY

Motor rating main drive	4 kW
Motor rating for vertical table travel	0.37 kW
Motor rating coolant pump	0.16 kW

### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.04 m x 0.6 m x 2.27 m
Weight	950 kg



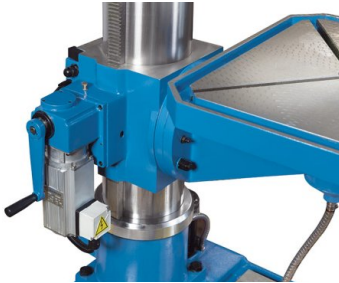
## PRODUCT DETAILS

### 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 and  $\pm 45^\circ$  swivel range
- Table height adjustment via a powerful motorized drive
- Auxiliary gears of main spindle drive run in an oil-bath
- Easy handling of the machine ensures effortless operation in a production environment
- Thread-cutting feature is standard

## STANDARD EQUIPMENT

Touchscreen controller  
 Automatic thread cutting cycles  
 Automatic drilling feed  
 Motorised table height adjustment  
 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!**