

# Column Drilling Machines

## SSB 50 F Super VT

**SKU : 101679**

SSB F Super VT Series drill presses are the right choice for any workshop, from maintenance to finishing. These rugged drill presses feature a touchscreen control panel display that also provides user support for selecting the right operating parameters. The spindle speed is infinitely variable, and the quill feed features a rugged manual transmission. The setup table has motorized vertical movement for easier handling of heavy parts. These drill presses are ideal for custom and small-series machining, but also for maintenance and in the steel and industrial construction sector.

- Touchscreen control panel with extra functions
- Automatic feed with manual transmission
- Infinitely variable speed control
- Motorized table height adjustment
- Swiveling and rotating work table



### TECHNICAL SPECS

#### WORKING AREA

Drilling capacity	1.97 in
Tapping capacity, steel	M 30
Table set up area	23 in x 18 in
Quill stroke	8 in
Manual table travel	20.28 in
Powered table travel	15.94 in
Table swivel range (max.)	± 50°
Column diameter	7 in
Spindle nose-to-table surface distance	23 in
Spindle nose-to-foot distance	46 in
Throat	14 in

#### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	39 in x 27 in x 93 in
Weight	1584 lbs

#### HEADSTOCK

Speed range	50 rpm - 2000 rpm
Spindle mount	4 MT

#### FEED

Quill feeds	008; 012; 017; 024; 035; 050 "/rev
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#### DRIVE CAPACITY

Motor rating main drive	4 Hp
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*Drill press 2.0 - all functions on a rugged touchscreen*



*Large throat and work table that swivels and rotates*



*Motorized work table height adjustment*

## PRODUCT DETAILS

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

- Very rigid construction with thick-walled column and large throat
- Base, column, table and gear head are made of premium high-quality cast iron
- The large work table with diagonal chip flutes can be rotated and swiveled
- Table height adjustment via a powerful motorized drive
- Robust 8" touch screen with intuitive operation
- The spindle speed can be controlled in two gear stages via inverter
- A coolant device and a workplace lamp are standard accessories
- The auxiliary gears for the main spindle drive run in an oil bath for maximum reliability and minimum wear
- The automatic quill feed is controlled through an electromagnetic connection, without using power
- In manual operation, the exact drilling depth can be set using the stop system on the capstan handle
- The rugged LED work light, with protection from sprayed water, is bright, energy-efficient, and promotes safe and productive work
- All machines in this series include a thread cutting function as standard equipment

## STANDARD EQUIPMENT

Touchscreen controller  
 Thread cutting function  
 Automatic spindle feeds  
 Motorized table height adjustment  
 Drilling accessories  
 Coolant system  
 Protective shield  
 LED work lamp  
 Operator instructions