

# Column Drilling Machines

## SSB 70 Xn Advanced



### SKU : 101681

SSB Xn Series drill presses are the right choice for any workshop, from maintenance to finishing. The Xn Advance Series models feature a large touchscreen control panel with excellent readability for a safe and intuitive operation. Spindle speed and quill feed are selected by the user via a rugged manual transmission. The setup table with motorized vertical movement makes handling of heavy clamping tools and workpieces easier. This drill press is ideal for custom and small-series machining, and especially for maintenance of large equipment in the steel and industrial construction sector.

- High drilling power
- Touchscreen control panel
- Precision-stepped gear drive
- Quill feed shifted via manual transmission
- Motorized table height adjustment
- Work table swivels and rotates
- 3-year Warranty on the Touchscreen

## TECHNICAL SPECS

### WORKING AREA

Drilling capacity	70 mm
Tapping capacity, steel	M 50
Table set up area	600 mm x 600 mm
Manual table travel	690 mm
Powered table travel	600 mm
Table swivel range (max.)	± 45°
Quill stroke	270 mm
Column diameter	220 mm
Spindle nose-to-table surface distance manuel	792 mm
Spindle nose-to-table surface distance motorised	740 mm
Spindle nose-to-foot distance	1375 mm
Throat	420 mm
T-slots, width	16 mm
Number of T-slots	2 positions

### DRIVE CAPACITY

Motor rating main drive	5.5 kW
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### MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.22 m x 0.65 m x 2.82 m
Weight	980 kg

### HEADSTOCK

Spindle mount	5 MT
Speed range	38 1/min - 1230 1/min

### FEED

Quill feeds	0,1- 0,4 mm/R
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Drill Press 2.0 - access to all functions on a rugged touchscreen



Motorized work table height adjustment



## PRODUCT DETAILS

- The top model of this series features an extra heavy construction with a thick-walled column
- Ideal for single part and batch productions, for drilling, countersinking, reaming, and thread-cutting with large diameters
- 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
- Main spindle and feed gears run in an oil bath ensuring high torque across the entire speed range
- The automatic quill feed is actuated via gears and shifted via an electromagnetic clutch
- For manual operation, the desired drill depth can be selected at the capstan handle
- A coolant device and a workplace lamp are standard accessories
- The rugged LED work light with splash guard is bright, energy-efficient, and glare-free
- All machines in this series include a thread cutting function as standard equipment

### Modern operating concept with rugged touchscreen display

- The large touchscreen features a rugged, resistant surface
- The current speed is displayed on the touchscreen
- An electronic depth stop halts automatic feed with greater accuracy and no mechanical stress
- Upon reaching the desired thread depth, the spindle rotation will automatically reverse
- Measuring units for input and display can be selected by the operator (mm or inch)
- Coolant system and table feed can be activated on the touchscreen
- The built-in operating hour counter aids in monitoring service intervals and cost calculation

## STANDARD EQUIPMENT

Control panel with touchscreen  
 Thread cutting function  
 Automatic spindle feeds  
 Motorised table height adjustment  
 Accessory set for drilling  
 Coolant system  
 Protective shield  
 LED work lamp  
 Operator instructions

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**Are you interested in a machine for which you cannot find a current video?  
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