

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 depth	420 mm
T-slots, width	16 mm
Number of T-slots	2 positions

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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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



Drill Press 2.0 - access to all functions on a rugged touchscreen



Motorized work table height adjustment



The large work table with diagonal chip flutes can be rotated and swiveled

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