

Column Drilling Machines **KSB 63B**



SKU : 101695

The box column drilling machines of the KSB series are the heavyweights among column drilling machines. Their unwavering stability enables superior performance in demanding applications. Nothing vibrates here. Nothing bends here. Finely stepped spindle and feed gears provide the correct machining parameters for large bores. The table and head can be adjusted on the column and cannot be swiveled, which provides an additional advantage in terms of stability.

- Extremely rigid box-column design
- Table and drill head can each be positioned in height
- High torque and drilling capacity
- Powerful automatic feed
- Includes thread cutting unit

TECHNICAL SPECS

WORKING AREA

Drilling capacity	63 mm
Feed force, axial (max.)	30 kN
Throat depth	375 mm
Vertical head travel	260 mm
Quill stroke	250 mm
Feed Z-axis	0.1 mm/R - 0.78 mm/R
Spindle nose-to-table surface distance	860 mm
Table stroke	300 mm
T-slots, width	22 mm
Number of T-slots	3 positions
Table set up area	650 mm x 550 mm

MEASURES AND WEIGHTS

Flow rate	25 l/min
Overall dimensions (length x width x height)	0.97 m x 1.45 m x 2.79 m
Weight	2500 kg

HEADSTOCK

Spindle torque (max.)	800 Nm
Spindle mount	5 MT
Spindle speed	40 1/min - 570 1/min

DRIVE CAPACITY

Motor rating main drive	5.5 kW
Motor rating coolant pump	0.09 kW



PRODUCT DETAILS

- Box-column design provides high load capacity, and is torsion-proof and rigid
- Table and drill head can be moved individually for an optimum machining height
- 9-step feed and speed gears, with oil-bath lubrication
- High torque across the entire speed range
- Thread-cutting unit automatically reverses upon reaching the preset depth
- Rapid quill feed with drill cycle processing (KSB 63 B)

STANDARD EQUIPMENT

Coolant system
Thread cutting function
LED work lamp
Operating tools
Operator instructions