



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

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|--|--------------------------|
| 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



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!**