



# Column Drilling Machines **KSB 40B**



**SKU : 801693**

**NEW**

**New machine, corrosion in the coolant tank / machine frame**

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	40 mm
Feed force, axial (max.)	16 kN
Throat	335 mm
Vertical head travel	200 mm
Quill stroke	250 mm
Feed Z-axis	0.056 mm/R - 1.8 mm/R
Spindle nose-to-table surface distance	650 mm
Table stroke	315 mm
T-slots, width	18 mm
Number of T-slots	3 positions
Table set up area	480 mm x 560 mm

### MEASURES AND WEIGHTS

Flow rate	25 l/min
Overall dimensions (length x width x height)	1.04 m x 0.91 m x 2.53 m
Weight	1250 kg

### HEADSTOCK

Spindle torque (max.)	350 Nm
Spindle mount	MK 4
Spindle speed	31.5 1/min - 1400 1/min

### DRIVE CAPACITY

Motor rating main drive	3 kW
Motor rating coolant pump	0.09 kW



## PRODUCT DETAILS

### New machine with corrosion in the machine frame/KM tank

- 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



## 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!**