



SKU : 101697

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	3.94 in
Feed force, axial (max.)	45 kN
Throat depth	19 in
Vertical head travel	12 in
Quill stroke	12 in
Feed Z-axis	0.0039 in/R - 0.028 in/R
Spindle nose-to-table surface distance	33 in
Table stroke	12 in
T-slots, width	0.9 in
Number of T-slots	3 positions
Table set up area	30 in x 26 in

Flow rate	6.6 gal/min
Overall dimensions (length x width x height)	58 in x 39 in x 125 in
Weight	7700 lbs

HEADSTOCK

Spindle torque (max.)	848 ft.lb.
Spindle mount	MT 6
Spindle speed	26 rpm - 320 rpm

DRIVE CAPACITY

Motor rating main drive	10.1 Hp
Motor rating coolant pump	0.1 Hp

MEASURES AND WEIGHTS

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
Halogen lights
Operating tools
Operating manual