



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	2.48 in
Feed force, axial (max.)	30 kN
Throat	15 in
Vertical head travel	10 in
Quill stroke	10 in
Feed Z-axis	0.0039 in/R - 0.0307 in/R
Spindle nose-to-table surface distance	34 in
Table stroke	12 in
T-slots, width	0.9 in
Number of T-slots	3 positions
Table set up area	26 in x 22 in

MEASURES AND WEIGHTS

Flow rate	6.6 gal/min
Overall dimensions (length x width x height)	39 in x 58 in x 110 in
Weight	5500 lbs

HEADSTOCK

Spindle torque (max.)	590 ft.lb.
Spindle mount	5 MT
Spindle speed	40 rpm - 570 rpm

DRIVE CAPACITY

Motor rating main drive	7.4 Hp
Motor rating coolant pump	0.1 Hp



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