



SKU : 162366

The high-speed radial drilling machines of the KSR series are designed according to the machining principle “tool to workpiece”; and are often used in maintenance and in tool and steel construction. The design offers unique flexibility and plenty of work space for larger workpieces, so that one side of the workpiece can be completely machined without repositioning. The machine frame offers clamping surfaces for clamping devices and workpieces on three sides. The quill feed can be varied in four stages by gearbox and with a manually mechanically adjustable depth stop.

- Linear guides for smooth, high-precision movement of the arm
- 3 work stations
- Quill feed with gearing
- Digital depth display
- Tapping unit
- Wide range of accessories

TECHNICAL SPECS

WORKING AREA

Drilling capacity	40 mm
Tapping capacity, steel	M 30
Throat	950 mm
Spindle nose-to-table surface distance	760 mm
Column stroke	380 mm
Quill stroke	200 mm
Head swivel range	± 90°
Column diameter	220 mm
Table set up area	1200 mm x 505 mm
Number of T-slots	3 positions
T-slots, width	18 mm

DRIVE CAPACITY

Motor rating main drive	2.2 kW
Motor rating height adjustment	1.5 kW
Motor rating coolant pump	0.37 kW

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.72 m x 1.2 m x 2.25 m
Weight	2740 kg

TRAVELS

Upper beam travel	590 mm
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HEADSTOCK

Spindle mount	4 MT
Spindle speed (infinitely variable)	50 1/min - 2000 1/min

FEED

Feeds	0.08 mm/R - 0.5 mm/R
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PRODUCT DETAILS

- Powerful machine for drilling, tapping, countersinking and boring
- Large travel ranges and many different machining stations provide maximum setup and machining possibilities
- Extremely sturdy construction ensures high accuracy and reliability
- Quick and precise tool positioning: hydraulic clamping is released by the push of a button, head easily swivels forward, backward and horizontally
- Motorized up and down movement of drill head
- Height can be adjusted without changing the drilling position
- Provides great flexibility when machining large parts
- Drill head swivels ± 90 degrees
- Automatic feed with depth stop trigger
- Thick-walled column and large dimensions of all components ensure maximum accuracy
- Digital boring depth display
- Infinitely variable spindle speed with digital display and a digital drilling depth indicator provide extra convenience for the operator

STANDARD EQUIPMENT



- Digital speed indicator
- Additional setup areas at the side and rear
- Cube table
- Swivelling horizontal table
- Digital boring depth indicator
- Work lamp
- Coolant system
- Thread cutting function
- Drill chuck with tool-holder bits
- Operating tools
- Operator manual





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!**