

Column Drilling Machines KB 20 SV



SKU : 170462

The KB SFV Series Drill Presses are the newest versions of the robust, streamlined bench drill presses and perfectly suited for light drilling jobs. These high-quality machines feature an infinitely variable, virtually maintenance-free drive and a touchscreen control panel for quick access to all functions. This series is especially suited for single part productions and manual series batch production in workshops and industrial operations.

- Compact table design
- Touchscreen for selection of functions
- Integrated LED work light
- Thread cutting unit
- Infinitely variable main spindle speed

TECHNICAL SPECS

WORKING AREA

Drilling capacity	20 mm
Tapping capacity (max.)	M 16
Table set up area	255 mm x 255 mm
Spindle nose-to-table surface distance	366 mm
Spindle nose-to-foot distance	678 mm
Throat depth	240 mm
Column diameter	85 mm
Quill stroke	135 mm

HEADSTOCK

Speed range	205 1/min - 2045 1/min
Spindle mount	2 MT

DRIVE CAPACITY

Motor rating main drive	1.1 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1 m x 0.56 m x 1.4 m
Weight	179 kg



PRODUCT DETAILS

- Modern design, high-quality cast-iron, and excellent workmanship combined with superior rigidity, function and appearance
- Heavy, precision-ground work table with diagonal T-slots
- Very smooth height adjustment of drill table, even under high loads
- Large base plate with ground setup area and parallel T-slots
- Forward and reverse, plus automatic reversal of direction for thread cutting
- Spindle shank and spindle are hardened and ground
- Robust belt drive and quiet, powerful motor
- Integrated LED work lamp is standard



Large base plate with parallel clamping slots for large workpieces



Large square work table with diagonal flutes



AC servo motors deliver high torque at low speeds



Premium components ensure high reliability and powerful performance

V models:

- Infinitely variable speed adjustment via potentiometer
- Touchscreen with comfortable selection of functions, like drilling, thread-cutting, and setup operations
- The control unit allows querying of all limit switches and shows all functionalities, like coolant system, rpm and work lamp

STANDARD EQUIPMENT

- LED work lamp
- Drill chuck
- Tool-holder bits
- Drill press vise
- Thread cutting function
- 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!**