

Conventional Vertical Milling Machines

Mark Super SV



SKU : 301490

The models of the Mark Super series are drilling and milling machines in the best way. They are ideal as a compact drill with a powerful drive and a wide speed range. But these machines also cut a fine figure when milling steel and non-ferrous metals. They are therefore widespread in workshops and maintenance departments for single piece machining, small series production or training departments. Thanks to their compact design and versatility, they are still a bestseller even after 15 years.

- Infinitely variable feed on X axis
- Automated drilling feed with depth display
- Gearbox milling head for powerful machining
- Swiveling head for wide range of applications
- Infinitely variable spindle speed with digital display (SV model only)

TECHNICAL SPECS

WORKING AREA

Table dimensions	800 mm x 240 mm
Drilling capacity in steel	25 mm
Shaft milling	25 mm
Head elevation	380 mm
Number of table T-slots	3 positions
T-slot table (width x spacing)	14 mm x 80 mm

TRAVELS

Travel X-axis manual / autom.	560 / 480 mm
Travel Y-axis	190 mm

VERTICAL MILLING HEAD

Spindle mount	MK 4 DIN 228
Quill diameter	75 mm
Quill stroke	120 mm
Spindle nose-to-table distance	450 mm
Throat	258 mm
Head swivel range	± 45°
Speed	(2) 75-438 / 438-2500 1/min

FEED

Quill feeds	0,10; 0,18; 0,26 (3) mm/R
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DRIVE CAPACITY

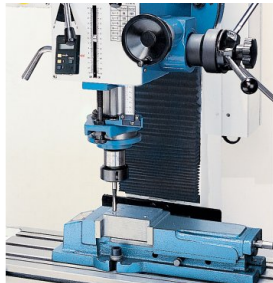
Main motor rating	1,5 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.24 m x 0.93 m x 2.1 m
Weight	380 kg



Head swivels $\pm 45^\circ$



Tapping



PRODUCT DETAILS

Mark Super S-SV

- Motorized cutter head movement and hand-wheel for exact positioning of head
- Hand-wheel for quill micro-feed
- Digital depth indicator for quill travel
- Tapping unit with adjustable rotation reversal for thread cutting
- Hardened gear racks and shafts for quiet operation and long life
- Rigid base with storage room is included
- Infinitely variable feed on X-axis is included

More power and variable speed control for a wider range of applications

- Two gear steps and premium frequency control technology ensure high torque across the entire speed range for powerful machining
- The selected spindle speed is displayed directly on the control panel

3-axis position indicator

- More accuracy
- Lower error rate
- Increased productivity
- Resulting in valuable time savings
- For increased productivity
- Easy to read display
- Operator-specific features
- Convenient keyboard layout
- Resolution: 0.01/ 0.005 mm
- Default coordinates
- Axis position is maintained when display is turned off
- Hole circle pattern calculation
- Calculator function
- Storage for 10 tools
- Radius / diameter toggle
- Mm/inch conversion
- Easy expansion and maintenance-free operation

STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2
 Automatic quill feed
 Base
 Table feed TV 1000
 Drill chuck 13 mm
 Tool-holder bits
 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!**