

# 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 |
|-------------|---------------------------|

### DRIVE CAPACITY

|                   |        |
|-------------------|--------|
| Main motor rating | 1,5 kW |
|-------------------|--------|

### MEASURES AND WEIGHTS

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

## PRODUCT DETAILS



Head swivels  $\pm 45^\circ$



### Mark Super S• SV

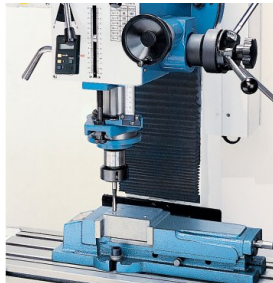
- Motorized cutter head movement and hand-wheel for exact positioning of head
- Hand-wheel for quill micro-feed
- Digital depth indicator for quill travel
- Tapping unit with adjustable rotation reversal for thread cutting
- Hardened gear racks and shafts for quiet operation and long life
- Rigid base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

## 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



Tapping

