

Conventional Vertical Milling Machines

MF 5 VP

SKU : 301217

The versatile multi-purpose milling machine combines all the advantages of the world's best-selling milling machine with additional stability. The top model of the MF series has an SK 40 tool holder and a 30 percent higher unladen weight. All axes are equipped with infinitely variable feed devices. The swiveling vertical milling head offers a wide speed range for machining steel and non-ferrous metals. The equipment also includes a four-stage, automatic quill feed, pneumatic tool clamping and a large clamping table for workpieces and clamping devices.

- Swiveling cutter head with quill feed
- Pneumatic tool tightening system
- Infinitely variable spindle speed
- Feed on X-axis with rapid feed
- Heavy construction with wide guideways



TECHNICAL SPECS

WORKING AREA

Table set up area	54 in x 10 in
Table load capacity (max.)	770 lbs

TRAVELS

Travel X-axis	31.5 in
Travel Y-axis	15 in
Travel Z-axis	15 in

VERTICAL MILLING HEAD

Spindle speed (vertical)	70 rpm - 3600 rpm
Spindle mount	ISO 40
Quill stroke	5 in

FEED

Quill feeds	(3) 0,002; 0,003; 0,006 "/rev
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DRIVE CAPACITY

Motor rating main drive	5 Hp
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	100 in x 86 in x 89 in
Weight	3498 lbs



Variable throat widths and machining angles



Wide, rigid box ways on Z and Y-axes

PRODUCT DETAILS

- More rigid and more powerful with 5 Hp motor
- ISO 40 spindle
- 3 automatic drill feeds
- Manual coarse feed for quill, with change-over for manual fine feed
- Quill with micrometer depth stop
- Reversing switch for forward reverse rotation
- Spindle brakes
- Infinitely variable speeds
- Head swivels $\pm 90^\circ$ to the right and to the left
- TV 1000 table feed in X and Y, infinitely variable with rapid feed
- Coolant system
- Chip tray
- Central lubrication
- Pneumatic tool clamping

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: 0.0004 / 0.0002"
- 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
 Table feed TV 1000 on X- and Y-axis
 Pneumatic tool clamping
 Chip tray
 Coolant system
 Central lubrication
 Horizontal guideway cover
 Operating tools
 Operator manual