

# Conventional Vertical Milling Machines

## MF 5 VP



### PRODUCT.BROCHURE.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. The X and Y axis 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

### PRODUCT.BROCHURE.technical\_specs

#### ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-000271	1370 mm x 250 mm
attributes.MEG-000008.MER-000272	350 kg

#### ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-000287	800 mm
attributes.MEG-000059.MER-000288	390 mm
attributes.MEG-000059.MER-000289	380 mm

#### ATTRIBUTES.MEG-000012.DESCRPTION

attributes.MEG-000012.MER-000339	70 1/min - 3600 1/min
attributes.MEG-000012.MER-000942	SK 40 DIN 2080
attributes.MEG-000012.MER-000920	127 mm

#### ATTRIBUTES.MEG-000006.DESCRPTION

attributes.MEG-000006.MER-000463	(3) 0,04; 0,08; 0,15 mm/R
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#### ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000159	3.75 kW
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#### ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	2.54 m x 2.16 m x 2.24 m
attributes.MEG-000004.MER-000108	1590 kg



*Variable throat widths and machining angles*



*Wide, rigid box ways on Z and Y-axes*

## PRODUCT.BROCHURE.PRODUCT\_DETAILS

- More rigid and more powerful with 3.75 kW 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: 0.01/ 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

## PRODUCT.BROCHURE.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



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