

# Conventional Vertical Milling Machines

## VHF 1.1



### PRODUCT.BROCHURE.SKU: 362665

The versatile universal milling machine of the VHF series is equipped with a horizontal spindle, a swiveling vertical milling head and a large clamping table. Spindle speed and feed on the X-axis are infinitely variable. With its extensive equipment, this model is ideal for a wide range of applications in training departments, repair and model-making workshops.

- Universal cutter head with manual quill feed
- Horizontal milling spindle with its own drive
- Infinitely variable spindle speed
- Feed on X-axis
- Extensive standard equipment

### PRODUCT.BROCHURE.technical\_specs

#### ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-000879	25 mm
attributes.MEG-000008.MER-000097	18 mm
attributes.MEG-000008.MER-000271	1000 mm x 240 mm
attributes.MEG-000008.MER-000272	150 kg
attributes.MEG-000008.MER-002718	30°/40°

#### ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-000287	535 mm
attributes.MEG-000059.MER-000288	160 mm
attributes.MEG-000059.MER-000289	300 mm

#### ATTRIBUTES.MEG-000012.DESCRPTION

attributes.MEG-000012.MER-000339	100 1/min - 2000 1/min
attributes.MEG-000012.MER-000942	SK 40 DIN 2080
attributes.MEG-000012.MER-000920	120 mm
attributes.MEG-000012.MER-000451	200 mm - 700 mm
attributes.MEG-000012.MER-000936	65 mm - 385 mm

#### ATTRIBUTES.MEG-000011.DESCRPTION

attributes.MEG-000011.MER-000338	60 1/min - 1350 1/min
attributes.MEG-000011.MER-000008	0 mm - 300 mm

#### ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000161	2.2 kW
attributes.MEG-000002.MER-000165	1.5 kW

#### ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	1.38 m x 1.22 m x 2.15 m
attributes.MEG-000004.MER-000108	1000 kg



*Solid top beam with outer arbor allows rigid mounting of long milling arbors*



*Swiveling cutter head with sliding quill*



*Cutter table swivels in X axis*

## PRODUCT.BROCHURE.PRODUCT\_DETAILS

- Compact, easy to handle universal milling machine with rigid frame made of vibration-dampening cast iron
- Easy to shift back-gearing via 2-step gears integrated into the vertical cutter head, plus variable frequency for high torque at the main spindle
- Entire cutter head swivels  $\pm 45^\circ$ , quill movement via capstan handle, or quill micro-feed via hand-wheel
- Horizontal spindle features a quiet, low-maintenance v-belt drive
- Large setup table swivels horizontally
- Proven TV 1000 on X axis allows automatic advance and rapid feed of table, including infinitely variable speed and adjustable limit stops
- Coolant system and chip tray are included

## PRODUCT.BROCHURE.STANDARD\_EQUIPMENT

3-axis position indicator X.Pos 3.2  
 2 long cutter arbors ( $\emptyset 22, \emptyset 27$  mm)  
 Drill chuck 16 mm  
 Reducing sleeve ISO 40 / MT3 and ISO 40 / MT2  
 Coolant system  
 Work lamp  
 Operating tools



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**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**