

# Conventional Vertical Milling Machines

## VHF 2.2



### PRODUCT.BROCHURE.SKU: 362651

VHF series machines feature large travels, a vertical and horizontal spindle with separate drives for powerful machining. The vertical head swivels out ( $\pm 45^\circ$ ) and the quill is movable. All models of this series are ideally suited for applications in repair shops or training shops.

- Tilting vertical milling head
- Automatic feed in X and Y axes
- Horizontal spindle with counter holder
- Extensive package of standard accessories

### PRODUCT.BROCHURE.technical\_specs

#### ATTRIBUTES.MEG-000008.DESCRPTION

attributes.MEG-000008.MER-001346	30 mm
attributes.MEG-000008.MER-002385	25 mm
attributes.MEG-000008.MER-000111	M 16
attributes.MEG-000008.MER-002384	100 mm
attributes.MEG-000008.MER-000271	1270 mm x 280 mm
attributes.MEG-000008.MER-000272	150 kg

#### ATTRIBUTES.MEG-000059.DESCRPTION

attributes.MEG-000059.MER-000287	700 mm
attributes.MEG-000059.MER-000288	210 mm
attributes.MEG-000059.MER-000289	310 mm

#### ATTRIBUTES.MEG-000012.DESCRPTION

attributes.MEG-000012.MER-000339	115 1/min - 1750 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 - 650 mm
attributes.MEG-000012.MER-000936	50 mm - 375 mm
attributes.MEG-000012.MER-000235	45 deg

#### ATTRIBUTES.MEG-000060.DESCRPTION

attributes.MEG-000060.MER-000085	380 mm/min
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#### ATTRIBUTES.MEG-000011.DESCRPTION

attributes.MEG-000011.MER-000338	40 1/min - 1300 1/min
attributes.MEG-000011.MER-000941	ISO 40
attributes.MEG-000011.MER-000008	0 mm - 310 mm

#### ATTRIBUTES.MEG-000006.DESCRPTION

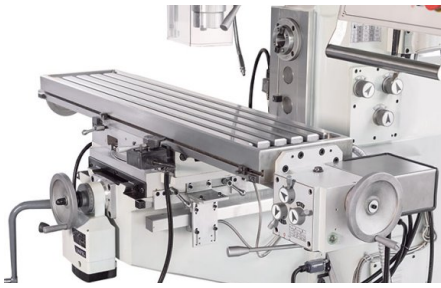
attributes.MEG-000006.MER-000298	16 mm/min - 380 mm/min
attributes.MEG-000006.MER-000300	0 mm/min - 700 mm/min

#### ATTRIBUTES.MEG-000002.DESCRPTION

attributes.MEG-000002.MER-000161	2.2 kW
attributes.MEG-000002.MER-000165	0.85 kW - 1.5 kW

#### ATTRIBUTES.MEG-000004.DESCRPTION

attributes.MEG-000004.MER-000002-height	1.7 m x 1.45 m x 2.45 m
attributes.MEG-000004.MER-000108	1400 kg



## PRODUCT.BROCHURE.PRODUCT\_DETAILS

- This excellent price/performance ratio is made possible by high volume production with standardized VHF assemblies
- Extremely rigid machine bed made of high-strength cast-iron with heavy ribbing
- Precision-ground guideways with hardened surfaces for long-term accuracy and wear-resistance
- The milling table features a large setup area
- Vertical and horizontal spindles each have a separate drive with gearbox for maximum machining power
- The vertical head swivels to both sides ( $\pm 45^\circ$ ), quill feed through capstan or with fine feed hand wheel
- When working with the horizontal spindle, the complete top beam/head assembly can be rotated  $\pm 180^\circ$  on the column
- Standard outer arbor support with bronze plain bearings accommodates long milling arbors in the horizontal spindle
- Feed system with manual gearbox on X-axis and infinitely variable feed unit on the Y-axis
- Height adjustment of the work table via automatic feed - precision feed via smooth hand crank
- Swiveling control panel with integrated position indicator for maximum operator comfort
- Coolant system and chip tray are included

## PRODUCT.BROCHURE.STANDARD\_EQUIPMENT

- 3-axis position indicator X.Pos 3.2
- Coolant system
- Work lamp
- Operating tools
- Operator instructions
- M16 draw bar
- Outer arbor support for horizontal milling
- Chip tray
- Cutter arbor  $\varnothing 27$  mm



## 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!**