

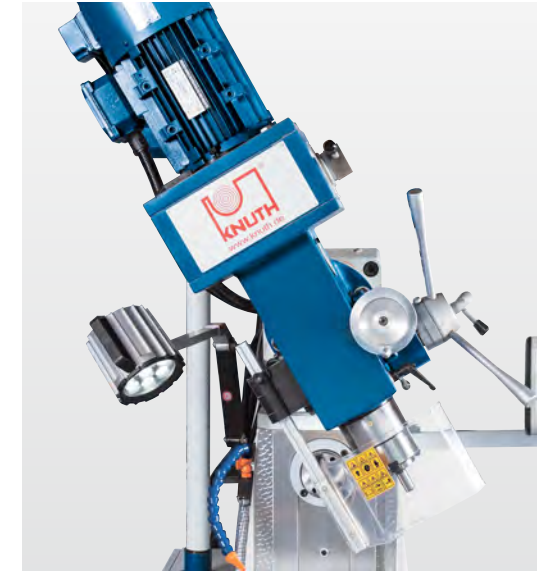


Extensive standard equipment

- 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



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



Swiveling head quill



Machine table swivels in X-axis

- 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

Specifications

VHF 1.1

Working Area	
Drilling capacity	mm 30
Milling diameter in steel (max.)	mm 25
X-axis travel	mm 535
Y-axis travel	mm 160
Z-axis travel	mm 320
Table set up area	mm 1.000x240
Table load capacity (max.)	kg 150
Vertical Milling Head	
Spindle speeds	rpm 100 - 2.000
Spindle mount	ISO 40
Quill stroke	mm 120
Throat (spindle to frame)	mm 200 - 700
Spindle nose-to-table surface distance	mm 65 - 385
Horizontal Milling Head	
Spindle speeds	rpm 60 - 1.350
Horizontal spindle-to-table surface distance	mm 0 - 300
Drive Capacity	
Motor rating horizontal spindle	kW 2,2
Motor rating vertical spindle	kW 1,5
Measures and Weights	
Overall dimensions (length x width x height)	m 1,38x1,22x2,15
Weight	kg 1.000
Part No.	362665

Standard Equipment

3-axis position indicator, 2 long cutter arbors ($\varnothing 22, \varnothing 27$ mm), drill chuck 16 mm, reducing sleeve ISO 40 / MT3 and ISO 40 / MT2, coolant system, work lamp, operating tools

Options	Part No.
• Pivoted Mounts LK 33	103321
• Accessory-Set ISO 40 5-pc.	104596
• Machine Vise MS 125	104955
• Deluxe Clamping Tool Set 14/M12	105295
• Swivel Hold-Down Clamp Set 100/M12	105790
• Mounting Shaft ISO 40	108637
• Divider ST 130	110960
• Hydraulic Machine Vise HS 125	125024
• Rotary Table RT 200	125835

For additional options for this machine, visit our website and search for VHF 1.1 (Product Search)