

Universal Milling Machine

VHF 2

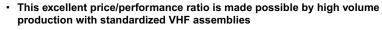
Ideal for single parts and small batch productions, or for training and repair operations



Outer arbor and long milling arbor included in standard equipment



Vertical and horizontal spindles, each with their own drive



- height adjustment of the work table via automatic feed precision feed via smooth hand crank
- All 3 axes are provided with clamping devices
- the vertical head swivels to both sides ( $\pm$  90°), quill feed through capstan or with fine feed hand wheel
- the installed feed (standard equipment) allows movement of the X-axis by hand wheel or through the feed feature
- for horizontal spindle work, the top beam can be turned with; the head by ± 180° on the stand. Spindle speed is controlled through the gear lever.

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2012/2011		

Rapid feed on Z axis with safety switch

## Standard Equipment

3-axis position indicator, 2 long cutter arbors (Ø22,Ø27 mm), collet set 4-16 mm with mount, drill chuck 16 mm, reducing sleeve ISO 40 / MT3 and ISO 40 / MT2, coolant system, work lamp, operating tools

Specifications		VHF 2
Working Area		
Drilling capacity in steel (max.)	mm	30
Milling diameter in steel (max.)	mm	25
Tapping capacity, steel		M 16
Counter-boring capacity	mm	100
X axis travel	mm	600
Y axis travel	mm	270
Z axis travel	mm	300
Table set up area	mm	1.120x260
Vertical Milling Head		
Spindle speeds	rpm	(8) 115 - 1.750
Spindle mount		ISO 40
Quill stroke	mm	120
Throat (spindle to frame)	mm	160 - 610
Spindle nose-to-table surface distance	mm	60 - 360
Horizontal Milling Spindle		
Spindle speeds	rpm	(12) 40 - 1.300
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	1,71x1,48x2,1
Weight	kg	1.400
Part No.		362650

Options	Part No.
Pivoted Mounts LK 33	103321
Bore Head ADA / SK40	103404
Adapter SK 40 / MT 2	103720
Coolant Concentrate 5 Ltr.	103184
Shell End Milling Arbor Ø27 SK 40	103905
Reduction Sleeve SK 40 / SK 30	103750
Collet Chuck SK 40	104320
Keyless Drill Chuck 1-13 mm B 16	104765
Accessory-Set ISO 40 5-pc.	104596
Keyless Drill Chuck 3-16 mm B 18	104770
Drill Chuck Arbors ISO 40 / B 18	104781
Hydraulic Machine Vise HNCS 130V	104932
Machine Vise MS 125	104955
Deluxe Clamping Tool Set 14/M12	105295
Optional Accessory Set / ST 130	110970
Rotary table RT 200	125835

For additional options for this machine, visit our website and search for VHF 2 (Product Search)