

OPTI WF 20 VARIO

Usable toolmakers milling machine for horizontal and vertical work-ings

Convincing arguments: quality, efficiency and price

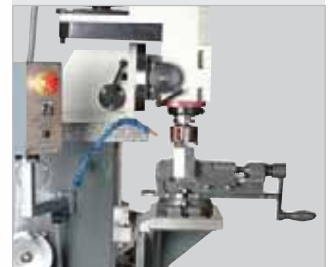
- Wide range of applications
- Face milling and plain milling
- Peripheral and side milling
- Gearwheel milling with dividing method
- T-slot and long-hole milling
- Hollowing and facing
- Very high milling capacity
- Continuous speed control with German frequency-regulated industrial motor
- Lockable main switch, switch for right-left-hand rotation with Off position
- Easy and clear operation due to individually adjustable control panel
- Solid and precise dovetail slideway, adjustable without clearance
- Integrated coolant system
- Substructure lockable with pigeon holes
- Precision ground, adjustable horizontal and vertical table
- Inclination of the milling head in both directions up to 90°
- Adjustable bit stops at any axes
- Clearly visible measuring scales and graduations at all handwheels and movements
- All slideways hardened



Convincing arguments...



- **Horizontal position**
for operations with side milling cutters, especially with large working ranges
- With steady and shaft for side milling cutters
- The milling head is mounted directly on the cross slide



- **Vertical position**
for operations such as drilling, angular drilling and most milling operations
- The milling unit is mounted on the cross slide using the centre plate and the console



- Vertical head swivel up to 90° on either side
- Vertical table supplied as standard

Model	OPTI WF 20 Vario
Item No.	333 8620
€ (VAT excl.)	3,990.00

Technical data	
Drilling capacity in steel (max.)	25 mm
Milling cap.inserted-tooth cutter (max.)	76 mm
Milling cap. of end mill cutter (max.)	20 mm
Spindle holding fixture	SK 30, DIN 2,080
Draw-in rod	M12
Steady for horizontal milling	Ø 22, Nut 6 x 2.5 mm
Spindle speed range 1	40 - 800 rpm
Spindle speed range 2	100 - 2,000 rpm
Spindle speed range 3	200 - 4,000 rpm
Distance spindle - cross table horizontal	max. 370 mm
Sleeve travel	53 mm
Swivelling head	+/- 90°
Table size - vertikal (L x W)	430 x 150 mm
Table size - horizontal (L x W)	485 x 150 mm
Displacement area of horizontal table	min. 330 mm
Displacement area of vertical table	min. 240 mm
T-slot size	12 mm, distance 45 mm
Z-axis travel	310 mm
X-axis travel	290 mm
Y-axis travel	175 mm
Motor power 400 V/ 50 Hz	0.75 kW
Dimensions (L x W x H)	570 x 700 x 1,790 mm
Net weight	270 kg

Extent of supply:

- Table vertical 150 x 430 mm
- Table horizontal 150 x 485 mm
- Steady for horizontal milling position with holding fixture for side milling cutter, adjustable plain bearing
- Coolant system
- Substructure
- Operating tools

Accessories	Item No.	€ (VAT excl.)
■ Horizontal-vertical index head RT 150	335 6150	199.00
■ Horizontal-vertical index head RT 100	335 6110	199.00
■ Precision machine vice FMS 100	335 4100	129.00
■ Precision machine vice FMS 125	335 4125	149.00
■ Collet chuck holder SK 30 (ER 25)	335 2046	119.00
■ Collet chuck kit ER 25, 15 pcs. 1 - 16mm	344 1109	240.00

More accessories from page 27 onwards