

Conventional Vertical Milling Machines

UWF 1.1



SKU : 362693

The milling machine is equipped with a large clamping table and a swiveling universal milling head that can be swiveled in two planes and also positioned horizontally. The UWF series thus almost covers the area of application of a universal milling machine. An automatic feed that can be switched via a gearbox drives the X- and Y-axes. The Z-axis can be traversed in rapid traverse. Dovetail guides in all axes can be precisely adjusted. With its extensive equipment, the UWF 1.1 is ideal for individual production, repair and training workshops.

- Universal cutter head swivels on 2 levels
- Outer arbor support for cutter head during horizontal milling
- Servo-feed on X and Y axes
- Extensive standard equipment

TECHNICAL SPECS

WORKING AREA

Table set up area	1120 mm x 260 mm
Table load capacity (max.)	250 kg
Number of T-slots	3 positions
T-slot (width x spacing)	14 mm x 63 mm
Travel X-axis	600 mm
Travel Y-axis	240 mm
Z-axis travel	380 mm

DRIVE CAPACITY

Motor rating main drive	2.2 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	1.66 m x 1.5 m x 1.73 m
Weight	1480 kg

VERTICAL MILLING HEAD

Spindle speed (vertical)	45 1/min - 1660 1/min
Spindle mount	SK 40 DIN 2080
Throat	60 mm - 500 mm
Vertical spindle-to-table surface distance	100 mm - 480 mm
Milling head swivel range	360 deg

RAPID FEED

Rapid feed Z-axis	422 mm/min
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FEED

Feed speed X-axis	24 mm/min - 402 mm/min
Feed speed Y-axis	24 mm/min - 402 mm/min



Cutter head swivels on 2 levels

PRODUCT DETAILS

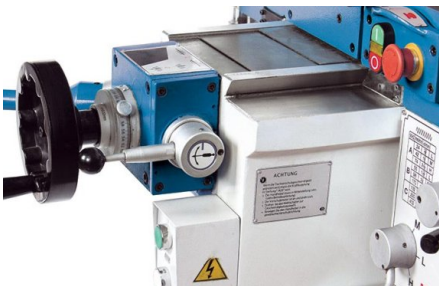
- Heavy machine frame with wide, adjustable dovetail guides in all axes
- Rigid universal cutter head, can be moved to virtually any spatial angle on two levels
- Automatic table feed on X- and Y-axes, including rapid feed
- Motorized height adjustment in Z direction

STANDARD EQUIPMENT



Horizontal cutter (standard equipment)

3-axis position indicator X.Pos 3.2
 Outer arbor support for horizontal milling
 Milling chuck with collets 4,5,6,8,10,12,14,16 mm
 Long cutter arbor Ø 32 mm
 Coolant system
 LED work lamp
 Operator instructions



Automatic feed