

## UWF 5

Rigid knee-and-column milling machine with servo drive feed and universal swivel head



### Extensive standard equipment

- Extremely rigid machine bed made of high-strength HT-200 cast-iron with heavy ribbing
- Precision-ground guideways with hardened surfaces for long-term accuracy and wear-resistance
- Large work area of 1325 x 360 mm and up to 500 kg table load capacity
- Quiet, precision-made headstock gears with hardened and ground gears



Integrated manual central lubrication



Powerful horizontal spindle with its own drive



Universal cutter head, swivels on 2 planes

## Specifications

## UWF 5

Working area	
Table dimensions	mm 1.325x360
Table load capacity (max.)	kg 500
Number of T-slots	Pieces 3
T-slot (width x spacing)	mm 18x80
Travels	
Travel X-axis	mm 750
Travel Y-axis	mm 280
Travel Z-axis	mm 390
Milling Head	
Speed range	1/min (12) 60 - 1.750
Spindle mount	ISO 50
Swivel angle	360°
Upper beam travel	mm 550
Spindle center-to-table distance	mm 175 - 565
Rapid feed	
Rapid feed X-axis	mm/min 1.200
Rapid feed Y-axis	mm/min 800
Rapid feed Z-axis	mm/min 600
Horizontal Milling Spindle	
Spindle speed (horizontal)	1/min (12) 60 - 1.800
Spindle mount	ISO 50
Throat	mm 380 - 930
Feed	
Feed speed X-axis	mm/min 30 - 750
Feed speed Y-axis	mm/min 20 - 500
Feed speed Z-axis	mm/min 15 - 375
Drive capacity	
Motor rating horizontal spindle	kW 5,5
Motor rating vertical spindle	kW 4
Motor rating X axis feed	kW 1,5
Motor rating Y axis feed	kW 1,5
Motor rating Z axis feed	kW 1,5
Motor rating coolant pump	kW 0,09
Measures and weights	
Overall dimensions (length x width x height)	m 1,8x2,1x2
Weight	kg 2.850
Part No.	362750

- Universal cutter head swivels on 2 planes - quick change-over from horizontal to vertical machining
- By combining both swivel levels, almost any spatial angle can be set
- Powerful axis servo-motors allow infinite adjustment of feeds on all 3 axes
- Telescoping covers on the Y axis protect the feed spindle
- Control panel swings out to either side and features an integrated position indicator
- 5.5 kW main drive guarantees high torque
- Coolant system and chip tray are included

## Standard Equipment

3-axis position indicator, reducing sleeve ISO 50 / MT4, milling arbors (27, 32 mm), outer arbor support for horizontal milling, ISO 50 collet chucks incl. collets up to 16 mm (8 pieces), coolant system, work lamp, chip tray, draw bar, operating tools, operator instructions

## Options

## Part No.

• Oscillation Element LK 5	103331
• Rotary Table RT 200	125835
• E-UWF 5 spare part package for 5 years for art. no. 362750	259022

For additional options for this machine, visit our website.