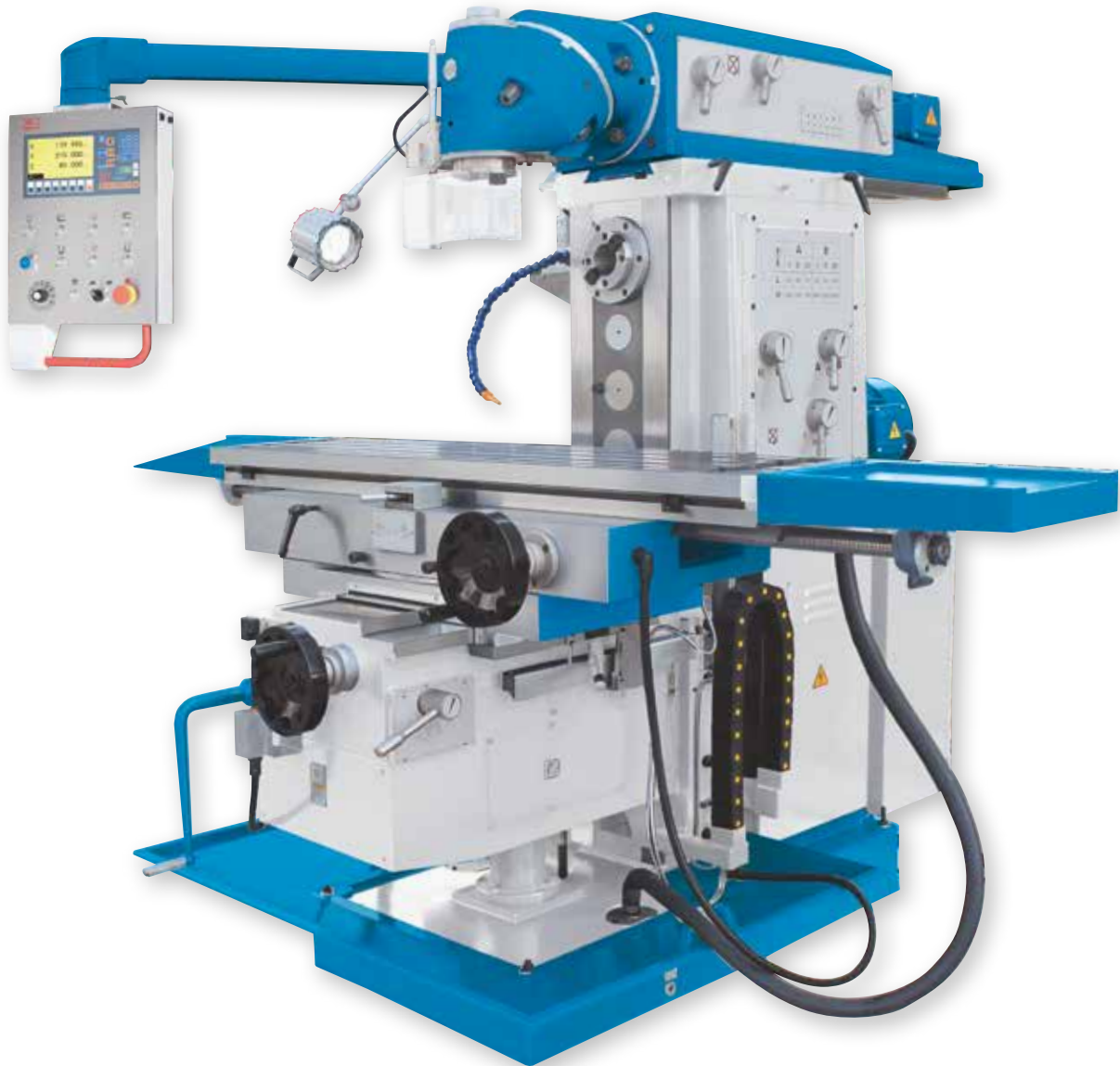


UWF 6

Milling machine with large setup table, servo-motor driven feed and universal swiveling cutter head



- **HURON-type cutter head - rigid and universal**
- **Servo-motor drive for infinitely variable feed on all axes**
- **Horizontal spindle with outer arbor support for long milling arbors**
- **Table swivels 45° horizontally**

- 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
- The milling table features a large setup area, long X-axis travel, and it can be horizontally swiveled up to 45°
- Quiet precision-made headstock gears with hardened and ground gears
- The universal cutter head swivels on 2 planes, allowing virtually any spatial angle setting



Horizontal spindle with its own drive and finely stepped gearbox



Large work area, cutter head swivels on 2 planes

Specifications

UWF 6

Working area

Table dimensions	mm	1.600x360
Table load capacity (max.)	kg	500
Number of T-slots	Pieces	3
T-slot (width x spacing)	mm	18x80

Travels

Travel X-axis	mm	1.300
Travel Y-axis	mm	300
Travel Z-axis	mm	400

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	190 - 590

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
Horizontal spindle-to-table surface distance	mm	20 - 420
Spindle axis-to-top beam distance	mm	200

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

Measures and weights

Overall dimensions (length x width x height)	m	2,52x2,1x2
Weight	kg	2.950
Part No.		362751

- Vertical and horizontal spindles each have a separate drive with gearbox for maximum machining power
- Standard outer arbor support with bronze plain bearings accommodates long milling arbors in the horizontal spindle.
- Powerful axis servo-motors allow infinite adjustment of feeds on all 3 axes
- Minimum downtimes due to rapid positioning of work table and rapid feeds in all axes
- Swiveling control panel with integrated position indicator for maximum operator comfort
- Coolant system and chip tray are included

Standard Equipment

3-axis position indicator, reducing sleeve ISO 50 / MT4, milling arbor Ø 32 mm, horizontal arbor Ø 27 mm, outer arbor support for horizontal milling, chip tray, coolant system, work lamp, manual central lubrication, draw bar, operating tools, operator instructions

Options

Part No.

• Coolant Concentrate 5 Ltr.	103184
• Oscillation Element LK 5	103331
• Rotary Table RT 200	125835