Universal Milling Machine

Servomill® UWF 5

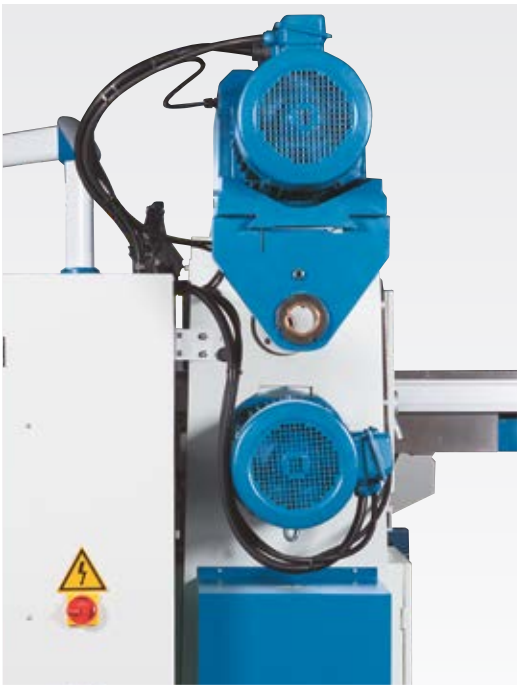
Servo-Conventional Knee-and-Column Milling with Universal Swivel Head

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
- Quiet precision spindle gears with hardened and ground gears
- Powerful 7.5 kW horizontal spindle and heavy-duty top beam with outer arbor ensure excellent machining results when working with long cutter arbors
- Servo-conventional drives on all axes, infinitely variable with fast rapid feeds
- Preloaded ball screws on all axes ensure superior precision and long-term wear-resistance

price on request

Universal swivel head and horizontal spindle



Powerful drives for vertical and horizontal spindles

Specifications

Servomill® UWF 5		
Working area		
Table dimensions	mm	1.600x320
Table load capacity	kg	300
Number of T-slots	Pieces	3
T-slots, width	mm	18
T-slots, spacing	mm	80
Travels		
Travel X-axis	mm	1.300
Travel Y-axis	mm	290
Travel Z-axis	mm	450
Milling Head		
Speed range (2)	1/min	60-360 / 360-1800
Spindle mount		ISO 50
Swivel angle		360°
Upper beam travel	mm	550
Spindle center-to-table distance	mm	186 - 636
Feed		
Feed speed X-axis	mm/min	0 - 1.000
Feed speed Y-axis	mm/min	0 - 1.000
Feed speed Z-axis	mm/min	0 - 1.000
Rapid feed		
Rapid feed X-axis	mm/min	5.000
Rapid feed Y-axis	mm/min	3.000
Rapid feed Z-axis	mm/min	1.500
Horizontal Milling Spindle		
Speed range (2)	1/min	60-360 / 360-1800
Spindle mount (horizontal)	SK	50
Spindle center-to-table distance	mm	10 - 460
Drive capacity		
Motor rating main drive	kW	7,5
Supply voltage	V	400
Measures and weights		
Overall dimensions (length x width x height)	m	2,52x2,1x2
Weight	kg	2.800
Part No.		301254

Universal milling machine with large workspace

Standard Equipment

3-axis position indicator, electronic hand-wheels, reducing sleeve (ISO 50 / MK4), milling arbors (27, 32 mm), ISO 50 collet chucks incl. collets up to 16 mm (8 pieces), coolant system, work lamp, chip tray, draw bar, operating tools, operator manual

Options

Options	Part No.
• Oscillation element LT 5	103331
• De Luxe Clamping Tool Set 18/M16	105305
• Divider ST 130	110960
• HS 150 Hydraulic Machine Vise	125028
• Tailstock / RT 200/250	125820
• Rotary table RT 200	125835

For additional options for this machine, visit our website and search for Servomill® UWF 5 (Product Search)