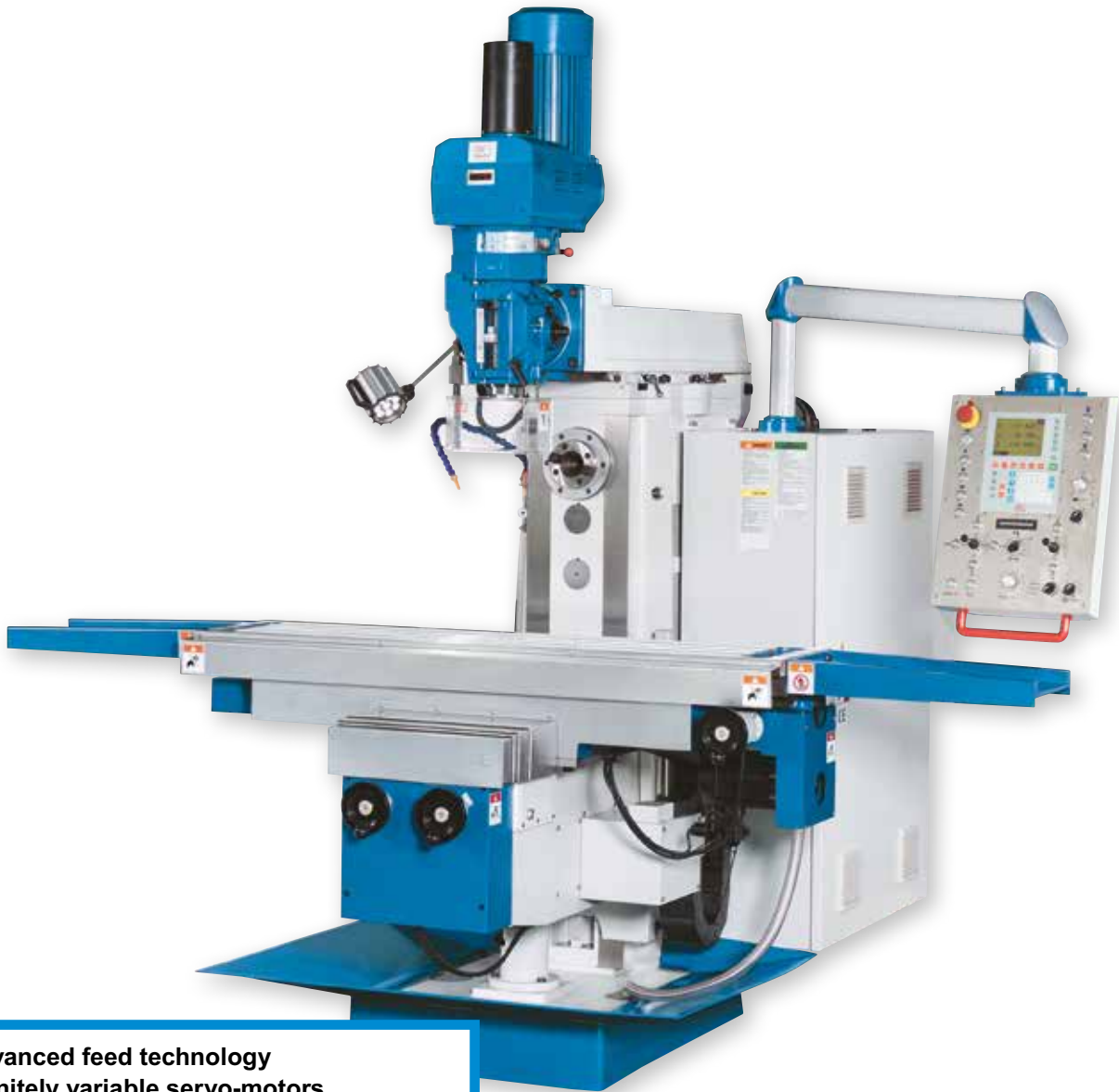


Servomill® UFM 8 V

Cost-effective machining and intuitive control = servo-conventional



- **Advanced feed technology**
- **Infinitely variable servo-motors**
- **Electronic hand-wheels**
- **Electronic fixed stops**

Conventional milling, now easier, more precise and more efficient due to integrated electronics

- The Servomill represents a new generation of advanced milling machines that are operated like a conventional machine
- This machine features a user-friendly design, significantly higher precision and increased machining capacity
- Very high reliability and long service life of all components ensure drastically reduced maintenance and increased availability
- Rigid frame design with wide guideways and travels

- Servo-conventional drives on all axes, infinitely variable with fast rapid feeds, synchronized with spindle speed
- Preloaded ball screws on X, Y and Z ensure high precision, low maintenance and low wear
- All gears and guideways are hardened and ground
- Swivelling vertical cutter head, pneumatic tool clamping and powerful 5.5 kW motor
- 2 gear steps for a wide speed range, infinitely variable up to 5000 rpm, and high torque at the spindle
- Horizontal spindle motor with 7.5 kW
- **X.pos Plus - You will gain productivity, quality and comfort**



Cutter head swivels 45°

Specifications

Servomill® UFM 8 V

Working area

Table dimensions	mm	1.600x320
Table load capacity	kg	450
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
Top slide travel	mm	550

Vertical milling head

Speed range (2)	1/min	80-650 / 650-5000
Spindle mount		SK 40 / DIN 2080
Quill feeds	mm/R	0,04 / 0,08 / 0,15
Quill stroke	mm	127
Swivel range		± 45°

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		SK 50 / DIN 2080
Horizontal spindle-to-table surface distance	mm	10 - 460
Spindle axis-to-top beam distance	mm	245

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

Drive capacity

Motor rating horizontal spindle	kW	7,5
Motor rating vertical spindle	kW	5,5

Measures and weights

Overall dimensions (length x width x height)	m	1,9x2,05x2,5
Weight	kg	2.400
Part No.		301255



Powerful drive for horizontal spindle

Standard Equipment

3-axis position indicator, electronic hand-wheels, pneumatic tool clamping, coolant system, work lamp, chip tray, draw bar, long arbour 27mm, long cutter arbor Ø 32 mm, operating tools, operator instructions

Options

Part No.

• Milling Chuck Set ISO 40	106044
• HS 125 Hydraulic Machine Vise	125024
• Oscillation Element LK 5	103331
• De Luxe Clamping Tool Set 16/M14	105300

For additional options for this machine, visit our website.