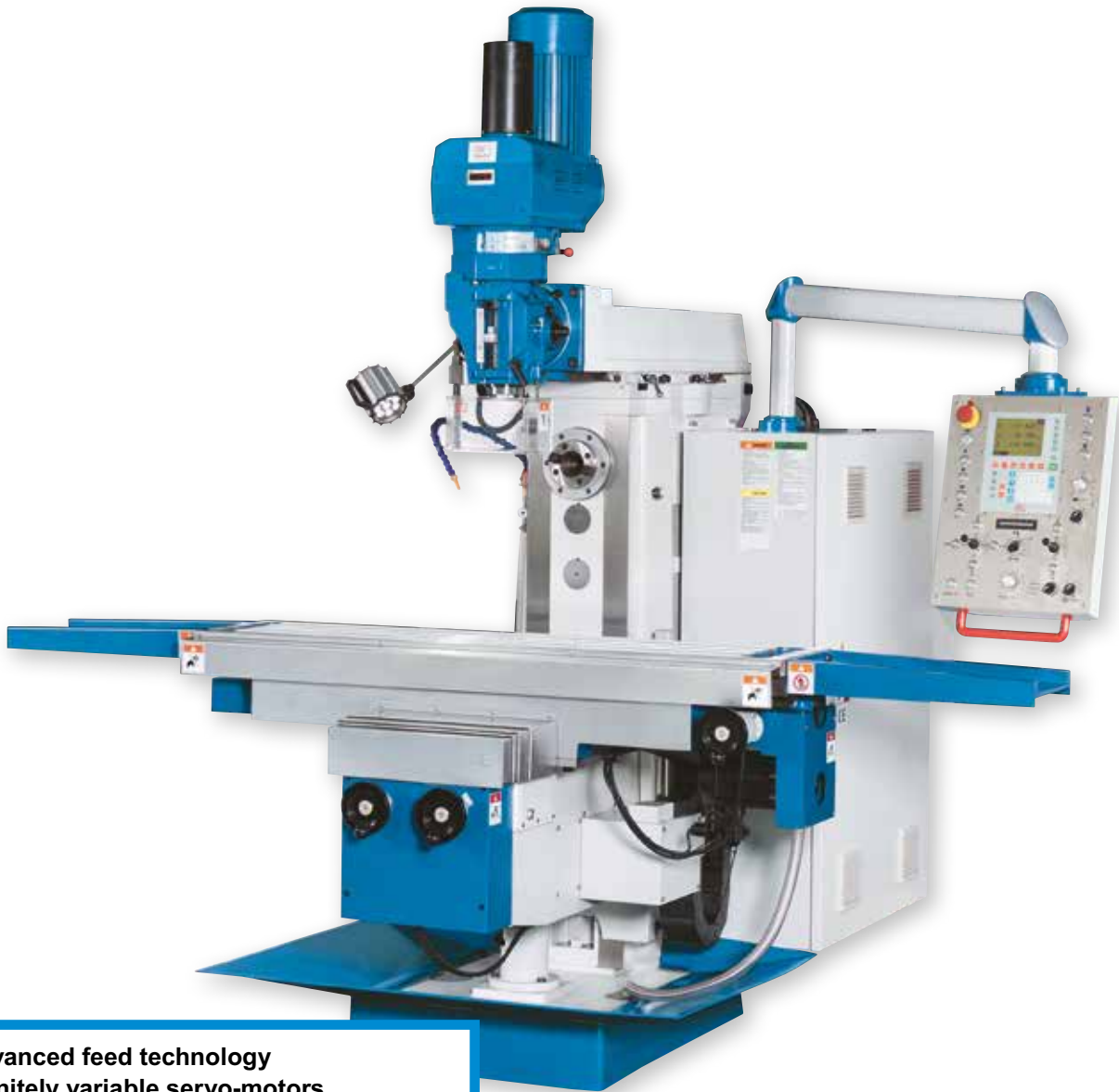


Servomill® UFM 8 V

Cost-effective machining and intuitive control = servo-conventional knee mill



- **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 reliability
- 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 7 HP 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 10 HP
- **X.pos Plus - You will gain productivity, quality and comfort**



Cutter head swivels 45°

Specifications **Servomill® UFM 8 V**

Working Area		
Table dimensions	in	63x13
Table load capacity	lbs	990
Number of T-slots	positions	3
T-slots, width	in	0.7
T-slots, spacing	in	3.1
Travels		
Travel X-axis	in	51.2
Travel Y-axis	in	11
Travel Z-axis	in	18
Top slide travel	in	22
Vertical Milling Head		
Speed range (2)	rpm	80-650 / 650-5000
Spindle mount		SK 40 / DIN 2080
Quill feeds	in/R	0.15 / 0.31 / 0.53
Quill stroke	in	5
Swivel range		± 45°
Rapid Feed		
Rapid feed X-axis	in/min	196.85
Rapid feed Y-axis	in/min	118.11
Rapid feed Z-axis	in/min	59.06
Horizontal Milling Spindle		
Speed range (2)	rpm	60-360 / 360-1800
Spindle mount		SK 50 / DIN 2080
Horizontal spindle-to-table surface distance	in	0 - 18
Spindle axis-to-top beam distance	in	10
Feed		
Feed speed X-axis	in/min	0 - 39.37
Feed speed Y-axis	in/min	0 - 39
Feed speed Z-axis	in/min	0 - 39.37
Drive Capacity		
Motor rating horizontal spindle	Hp	10.1
Motor rating vertical spindle	Hp	7.4
Measures and Weights		
Overall dimensions (length x width x height)	in	75x81x99
Weight	lbs	5,280
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 milling arbor 1 in, long cutter arbor Ø 1.25", operating tools, operator instructions

Options

Part No.

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

For additional options for this machine, visit our website.