

Servomill® 700

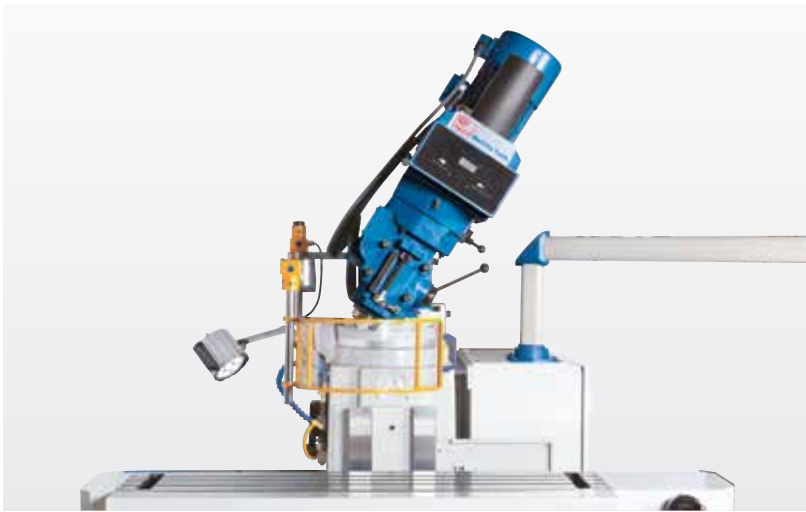
The bestseller in the servo-conventional class for workshop applications and single parts production



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

- 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 machine base in a proven design, and meticulous workmanship
- Variability via swiveling and moving top beam
- Perfectly adjustable dovetail guide on the X axis, and wide square guides in Y and Z direction

- High-precision preloaded ball screws on all 3 axes
- All guides are hardened and ground, and are supplied with oil by the central lubrication unit
- Cutter head swivels with pneumatic tool clamping and powerful 3.7 kW motor
- Infinitely variable spindle speed with back gearing and LED speed indicator
- Manual quill feed with micrometer depth stop allows for precise angular bores
- Large, swiveling control panel with integrated position indicator
- **X.pos Plus - You will gain productivity, quality and comfort**



Cutter head swivels



High precision ball-screws



Standard Equipment: X-Pos Positioner

Specifications

Servomill® 700

Working area		
Table set up area	mm	1.370x300
Table load capacity (max.)	kg	350
Travels		
Travel X-axis	mm	680
Travel Y-axis	mm	365
Travel Z-axis	mm	370
Vertical milling head		
Speed range (infinitely variable, back gear ranges)	1/min	50 - 4.000
Spindle mount		ISO 40
Quill stroke	mm	125
Spindle nose-to-table surface distance	mm	180 - 550
Rapid feed		
Rapid feed X-axis	mm/min	5.000
Rapid feed Y-axis	mm/min	3.000
Rapid feed Z-axis	mm/min	2.000
Feed		
Feed speed (infinitely variable)	mm/min	0 - 1.000
Feed per spindle revolution	mm/R	0,01 - 1
Drive capacity		
Motor rating main drive	kW	3,7
Measures and weights		
Overall dimensions (length x width x height)	m	2,54x2,16x2,24
Weight	kg	1.800
Part No.		301250

Standard Equipment

3-axis position indicator, electronic hand-wheels, pneumatic tool clamping, chip tray, LED work lamp, coolant system, central lubrication, horizontal guide-way cover, operating tools, operator instructions

Options

Part No.

• Coolant Concentrate 5 Ltr.	103184
• Oscillation Element LK 5	103331
• Universal Facing / Lathe Bore Head ADA / SK40	103404
• Adapter SK 40 / MT 4	103740
• Shell End Milling Arbor Ø40 SK 40	103915
• Accessory-Set ISO 40 5-pc.	104596
• Machine vise with pull-down system NZM 125	104918
• De Luxe Clamping Tool Set 16/M14	105300
• ER 40 Collet Set 15 pcs.	106075
• ER 40 Collet Chuck / Mount ISO 40	106062
• Milling Chuck WELDON ISO 40/Ø32mm	106808
• Divider ST 130	110960
• Tailstock / RT 200/250	125820
• Rotary Table RT 200	125835

For additional options for this machine, visit our website.