

Servomill® 700

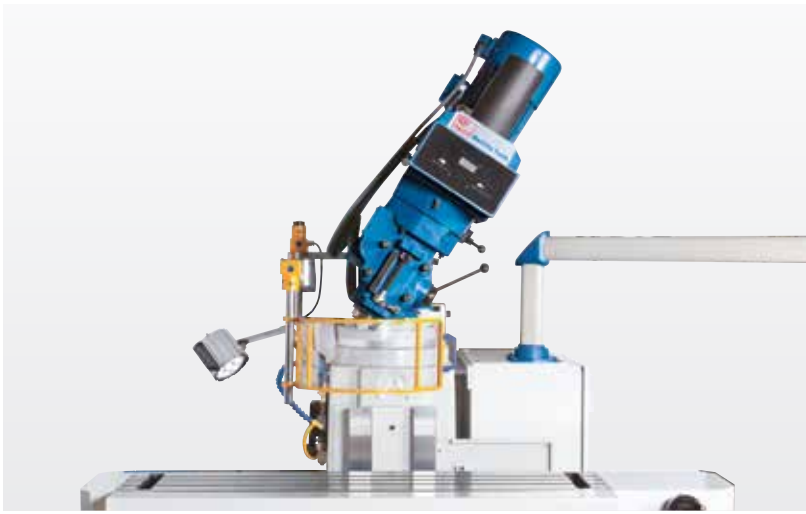
The bestseller in the servo-conventional class for workshop applications and single parts production



- **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 reliability
- 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 5 HP 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



Preloaded ball screws ensure high precision



Included in standard equipment: X-Pos position indicator

Specifications

Servomill® 700

Working Area		
Table set up area	in	54x12
Table load capacity (max.)	lbs	770
Travels		
Travel X-axis	in	26.8
Travel Y-axis	in	14
Travel Z-axis	in	15
Vertical Milling Head		
Speed range (infinitely variable, back gear ranges)	rpm	50 - 4,000
Spindle mount		ISO 40
Quill stroke	in	5
Spindle nose-to-table surface distance	in	7 - 22
Rapid Feed		
Rapid feed X-axis	in/min	196.85
Rapid feed Y-axis	in/min	118.11
Rapid feed Z-axis	in/min	78.74
Feed		
Feed speed (infinitely variable)	in/min	0 - 39
Feed per spindle revolution	in/R	0 - 0.04
Drive Capacity		
Motor rating main drive	Hp	5
Measures and Weights		
Overall dimensions (length x width x height)	in	100x86x89
Weight	lbs	3,960
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
• Deluxe Clamping Tool Set 16/M14	105300
• ER 40 Collet Set 15 pcs.	106075
• ER 40 Collet Chuck / Mount ISO 40	106062
• Milling Chuck WELDON ISO40 / Ø1.26 in	106808
• Divider ST 130	110960
• Tailstock / RT 200/250	125820
• Rotary Table RT 200	125835

For additional options for this machine, visit our website.