

X.mill 400

Entry-level model for CNC milling, ideal for batch production and training purposes



See this Machine
in action on
YouTube



- **BT-40 main spindle mount**
- **Spindle oil cooler is standard equipment**
- **Tapping without compensating chuck (rigid tapping)**

- Reliable, compact machining center with extensive equipment for streamlined, cost-effective series productions
- Massive cast-iron machine body integrates many years of experience and state-of-the-art technology
- All axes move on premium, fully enclosed linear guideways and precision ball screws and are driven by dynamic servo-motors
- The premium spindle unit features a large tool mount and a spindle oil cooler, which are of great advantage in continuous operations
- Fast rapid feeds and rugged horizontal tool changer allow for efficient machining with minimum downtime



Rugged horizontal tool changer with 12 stations



Siemens 808D Advance control

Specifications

X.mill 400

Working area			
Table dimensions	mm	600x300	
Table load capacity	kg	150	
T-slots (number/width/spacing)	mm	3x14x100	
Spindle nose-to-table surface distance	mm	100 - 580	
Travels			
Travel X-axis	mm	400	
Travel Y-axis	mm	230	
Travel Z-axis	mm	450	
Headstock			
Spindle speed	1/min	8.000	
Spindle mount		BT 40	
Feed			
Rapid feed X-axis	mm/min	12.000	
Rapid feed Y-axis	mm/min	12.000	
Rapid feed Z-axis	mm/min	10.000	
Work feed X / Y / Z axis	mm/min	1 - 10.000	
Tool Head			
Number of tool stations	Pieces	12	
Tool Ø	mm	50 (120)	
Tool length (max.)	mm	200	
Tool weight max.	kg	3	
Tool-change time tool/tool	sec	7	
Accuracies			
Positioning accuracies	mm	0,02	
Repeatabilities	mm	0,01	
Drive capacity			
Motor rating main drive	kW	3,7	
Motor rating for X-axis drive	kW	0,75	
Motor rating for Y-axis drive	kW	0,75	
Motor rating for Z-axis drive	kW	1	
Total power consumption	kVA	10	
Measures and weights			
Overall dimensions (length x width x height)	m	2,1x1,9x2,45	
Weight	kg	2.200	
Part No.		181359	

- The totally enclosed work space features a large door and side doors for easy access, safety and cleanliness
- Siemens 808D control: cost-effective, easy to handle, superior reliability backed by worldwide service
- electronic hand-wheel simplifies machine set-up
- The automatic central lubrication system ensures proper lubrication of all lube points

Standard Equipment

Siemens 808D Advance control, 12-station automatic tool changer, electronic hand-wheel, coolant system, operational health status indicator, automatic central lubrication, enclosure, level pads and bolts, work lamp, compressed air gun, operating tools, operator manual

Options

Part No.

• Shell End Milling Arbor Ø40 BT 40	103928
• Milling Chuck WELDON BT 40 / Ø 32 mm	106828
• Collet Chuck MAS BT40-ER40-80	104206
• ER 40 Collet Set 15 pcs.	106054
• Keyless Drill Chuck 1-13 mm B 16	104765
• Keyless Drill Chuck 3-16 mm B 18	104770
• Assembly Stand	108930
• HNCS 100V Hydraulic Machine Vise	104930
• Clamping Tool Set Deluxe 14/M12	105295

For additional options for this machine, visit our website and search for X.mill 400 (Product Search)