



Vertical CNC machining center

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	in		24x12
Table load capacity	lbs		330
Slots (number/width/spacing)	in		3x0.55x3.94
Spindle nose-to-table surface distance	in		4 - 23
Travels			
Travel X-axis	in		16
Travel Y-axis	in		9
Travel Z-axis	in		18
Headstock			
Spindle speed	rpm		8,000
Spindle mount			BT 40
Feed			
Rapid feed X-axis	in/min		472
Rapid feed Y-axis	in/min		472
Rapid feed Z-axis	in/min		394
Work feed X / Y / Z axis	in/min		0 - 394
Tool Head			
Number of tool stations	positions		12
Tool Ø	in		2.16 (4.72)
Tool length (max.)	in		8
Tool weight max.	lbs		7
Tool-change time tool/tool	sec		7
Accuracies			
Positioning accuracies	in		0.0008
Repeatabilities	in		0.0004
Drive Capacity			
Motor rating main drive	Hp		5
Motor rating for X-axis drive	Hp		1
Motor rating for Y-axis drive	Hp		1
Motor rating for Z-axis drive	Hp		1.3
Measures and Weights			
Overall dimensions (length x width x height)	in		82.7x74.8x96.5
Weight	lbs		4,840
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	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)