

XYZ 400 UMC

SIEMENS
Touchscreen

Spindle: 25.7kW (35hp).
12,000 rpm (15,000 optional).
Table Size: 400mm.
Travels: 800 x 600 x 510mm.



5 Axis Universal Machining Centre.

Standard Equipment and Features.

Siemens Sinumerik One 22" Touchscreen Control.
Increased Processing (30% quicker than an 840 DSL).
Large Control with Haptic Feedback.
12,000 rpm In-Line Spindle (15,000 optional).
Spindle and Axis Chiller.
30 Station ATC (60 Station optional).
Japanese Roller Gear Cam Rotary Table.
Swarf Conveyor and Bin.
550 Micron Swarf Filtration.
Front and Side Loading Doors.
Operational Status LEDs.

Optional Equipment and Software.

15,000 rpm Spindle.
60 Station Tool Library Changer.
Full 5 Axis Machining.
Renishaw or Blum Probes.
Side Door Automation.
20 Bar through Spindle Coolant.
70 Bar through Spindle Coolant.
Kinematics (Pivot point setup).
Traori (5 Axis Advanced).
Advanced 5 Axis Machining.
Robot or Pallet System.
Linear Absolute Encoders.
Oil Skimmer.

XYZ 400 UMC	
X Axis Travel	800mm
Y Axis Travel	600mm
Z Axis Travel	510mm
Spindle Nose to Table	90 - 600mm
B Axis (Tilt)	+110° / -90° (30rpm)
C Rotary Axis	360° (30rpm)
Max Table Load	250kg
T Slots	5 off @ 63mm Pitch
T Slot Size	14mm
Tilt/Rotary Type	Japanese Roller Gear Cam
Spindle Speed	12,000 (Std) 15,000 (Opt)
Spindle Motor Max	25.7kW (35hp)
S6 - 25%	18.2kW (24.7hp)
S1 (Continuous)	11kW (15hp)
Rapid Feed Rate	32m/min
Max Cutting	32m/min
Tool Capacity	30 (Std) 60 (Opt)
Spindle	BBT40 (SK40 Opt)
Max Tool Weight	7kg
Max Tool Diameter	80mm
Max Tool Diameter with Adjacent Tools Empty	125mm
Footprint WxDxH	2,300 x 2,340 x 3,120mm (+730mm W for conveyor)
Machine Weight	7,200kg