



C42 MYS

6-Axis CNC Twin Spindle Single Turret with “Y” Axis

- + 6,000 RPM Built In Main and Sub Spindle
- + 10 Station BMT 44 Live Tool Turret
- + 1 5/8" (42 mm) Bar Capacity (2" Optional)
- + Full “Y” Axis for Milling off Centerline
- + Marposs Tool Probe for Ease of Setup
- + 6" Kitagawa Chuck for Main Spindle
- + 5" Kitagawa Chuck for Sub Spindle
- + Parts Catcher with Conveyor Included



Main Spindle - 42 mm

Maximum RPM	6,000 RPM Built-in integral spindle motor
Spindle Motor	10-HP (7.5 Kw 30-minute duty rated)
Spindle Nose Mount	A2 - 5
Maximum Barstock Diameter	1 5/8" (42 mm, 1.654")
Spindle Through Hole Diameter	1.98" (50.5 mm, 1.988")
Maximum Chucking Diameter	6" (152 mm)
Maximum Swing Diameter	9.84" (250 mm)
Spindle Center Height	41" (1035 mm)

Sub Spindle

Maximum RPM	6,000 RPM Belt-Driven
Spindle Motor	10-HP (7.5 Kw 30-minute duty rated)
Spindle Nose Mount	A2 - 4
Maximum Chucking Diameter	5" (127 mm)
Maximum Travel Distance	11.4" (290 mm B-Axis)

Axis Specifications

X-Axis Travel	4.33" (110 mm)
Z-Axis Travel	10.633" (270 mm)
X, Z & B Rapid Traverse Rates	787 IPM (20 m / min)
Y-Axis Travel	2.362" (60 mm, ± 30 mm = 1.181")
Y-Axis Rapid Traverse Rate	31.5 IPM (8 m / min)
X-Axis Servo Motor Power	.67-HP (.5 Kw)
Y & B Axis Servo Motor Power	1.0-HP (.75 Kw)
Z-Axis Servo Motor Power	1.6-HP, 2.4-HP (1.2 Kw, 1.8 Kw with 52 mm bore)

Tool Turret

Number of Tool Stations	10-Driven Tool Stations e.g. WTO Quick-Flex toolholders
Driven Tool Speed	6,000 RPM (higher with speeder tools)
Driven Tool Servo Motor	1.34-HP (1.0 Kw)
Indexing Drive	Hydraulic Motor
Indexing Time	0.8-Seconds
Coolant Pressure (both turrets)	135 PSI

Machine Dimensions

Machine Weight	4,410 lbs (2,000 kg)
Machine Dimensions (WxHxD)	85" x 81" x 60" (w/ rear discharge chip conveyor)
Coolant Capacity	29 gallons (110 liters)
Voltage Requirements	200 vac ±10% (19 Kva 3-PH)
Air Pressure Requirement	0.4 - 0.5 MPa @ 150 L / min.