

Machine Name : TURN MILL CENTER

Brand : OKUMA

Machine Model : LT10-M

Stock No. : 4812467

Ex-factory Date : 2001



Main Technical Parameters:

Maximum swing diameter: $\Phi 160$ mm (5-inch chuck standard model)
Chuck specification: 5-inch hydraulic chuck for left and right spindles
Bar through-hole diameter: $\Phi 42$ mm
Max. machining length (single spindle): 420 mm
Max. machining length (dual-spindle butt joint): 720 mm (W-axis travel)
Distance between two spindles: 720 mm
X-axis travel: 140 mm
X2-axis travel: 160 mm
Z1/Z2-axis travel: 420 mm
W-axis travel: 720 mm
C-axis: 360° full rotation (minimum increment 0.001°)
X-axis: 24 m/min
Z / W axis: 32 m/min
Spindle drive power: 7.5 kW (peak) / 5.5 kW (continuous)
Spindle speed range: 50–6000 rpm
Continuous torque: 85 N·m
C-axis + X/Z simultaneous 3-axis control (milling / drilling / tapping / face machining)
Upper and lower dual 8-station power turrets (total 16 stations)
Power turret motor power: 2.2 kW
Power tool speed: up to 3600 rpm
Turret locking method: Face gear disc locking
Repeat positioning accuracy: ± 0.001 mm
Tool interface: 16 square shank / $\Phi 25$ boring bar
X/Z-axis repeat positioning accuracy: ± 0.001 mm
C-axis indexing accuracy: $\pm 0.001^\circ$
Automatic coaxial alignment accuracy: ≤ 0.0025 mm

