

**Machine Name : TURN MILL CENTER**

**Brand : OKUMA**

**Machine Model : LT10-M**

**Stock No. : 812467**

**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:  $360^\circ$  full rotation (minimum increment  $0.001^\circ$ )  
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:  $\pm 0.001$  mm  
Tool interface: 16 square shank /  $\Phi 25$  boring bar  
X/Z-axis repeat positioning accuracy:  $\pm 0.001$  mm  
C-axis indexing accuracy:  $\pm 0.001^\circ$   
Automatic coaxial alignment accuracy:  $\leq 0.0025$  mm

