

Machine Name : TURN MILL CENTER

Brand : MAZAK

Machine Model : INTEGREGX 35

Stock No. : 812453

Ex-factory Date : 2000



Main Technical Parameters:

Maximum swing diameter over bed: $\Phi 670$ mm

Maximum machining diameter of upper turret: $\Phi 620$ mm

Maximum machining length: 1250 mm

Standard chuck: 10-inch hydraulic chuck

Maximum bar capacity (through spindle): $\Phi 80$ mm

X-axis travel: 690 mm (rapid traverse: 50 m/min)

Y-axis travel: ± 150 mm (total 300 mm, rapid traverse: 30 m/min)

Z-axis travel: 1077 mm (rapid traverse: 50 m/min)

B-axis: -30° to $+210^{\circ}$ (0.0001° indexing, 5-axis capability)

C-axis: 360° continuous indexing (0.0001° indexing accuracy)

Turning spindle:

Speed range: 0-3500 rpm

Power: 22 kW (continuous) / 30 kW (40% ED)

Torque: 420 N·m

Milling spindle (B-axis head):

Maximum speed: 12,000 rpm

Power: 7.5 kW

Tool taper: BT40

Tool system:

12-position power tool turret (all stations live tooling capable)

Optional external tool magazine: 38 tools (max tool diameter $\Phi 90$ mm)

Max tool length: 400 mm

Machine dimensions: 3500 × 3180 × 2800 mm

Machine weight: 7200 kg

Power requirement: approx. 60 kVA

