

Machine Name : CNC turning lathe

Brand : DAINICHI

Machine Model : F50M

Stock No. : 4812777

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: FANUC Oi-TF

Maximum swing diameter over bed: $\phi 700$ mm

Maximum swing diameter over cross slide: $\phi 460$ mm

Distance between centers: 1250 mm

Maximum machining length: 1180 mm

Spindle through-hole diameter: $\phi 120$ mm

Standard chuck specification: 15-inch hydraulic chuck

Spindle nose type: A2-11

Spindle speed range: 3-1120 rpm

Standard spindle motor power: 30 kW / 40 HP (continuous rating)

Optional spindle motor upgrade: 45 kW / 60 HP

X-axis travel: 360 mm

Z-axis travel: 1250 mm

X-axis rapid traverse rate: 8 m/min

Z-axis rapid traverse rate: 10 m/min

Standard tool turret: 8-station hydraulic turret

External turning tool size: 32 × 32 mm

Maximum boring bar diameter: $\phi 50$ mm

Quill travel: 150 mm

Quill taper: MT6

Quill drive mode: Hydraulic telescopic type with hydraulic locking

Optional features: Power-driven turret + C-axis (with milling function)

Optional accessories: Hydraulic steady rest, tool holders

Expansion options: Supports C-axis, live tooling, and second spindle

Power supply: AC380V, 50Hz

Total power capacity: Approximately 55 kVA

Machine weight: Approximately 11,000 kg

Floor space (L × W): 4250 × 2100 mm

Machine height: 1850 mm



