

Machine Name : CNC turning lathe

Brand : Yunnan Machine

Machine Model : TCK56/500

Stock No. : 812798

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: GSK 988

Machining Capacity

Maximum swing diameter over bed: 560 mm

Maximum swing diameter over slide plate: 320 mm

Maximum machining diameter: 280 mm

Maximum machining length: 490 mm

Spindle nose type: A2-6

Spindle through-hole diameter: 50 mm

Spindle speed range: 50 – 4000 r/min

Spindle speed stages: stepless regulation

Main motor output power: 15 kW (15 min) / 11 kW (continuous)

X-axis travel: 200 mm

Z-axis travel: 500 mm

X-axis rapid traverse rate: 20 m/min

Z-axis rapid traverse rate: 20 m/min

Overall tailstock travel: 450 mm

Tailstock taper: Morse No.4

Standard tool turret: Horizontal 12-station type

External turning tool size: 25 × 25 mm

Boring bar diameter: $\Phi 32$ / $\Phi 25$ / $\Phi 20$ mm

Adjacent tool selection: available

Workpiece Load Capacity

Disc-type parts: 200 kg (including chuck and accessories)

Shaft-type parts: 500 kg (including chuck and accessories)

Chuck diameter: 8 inches

Center height (from floor): 1050 mm

Machine gross weight: 4300 kg

Overall dimensions (L × W × H): 3570 × 1900 × 1850 mm

Machining Accuracy:

Machining accuracy grade: IT6

Roundness: 0.0025 mm

Diameter consistency: 0.010 mm

Flatness: 0.010 mm

Surface Roughness:

External cylindrical surface: Ra 1.6 μm

Arc surface / tapered surface: Ra 3.2 μm

Positioning Accuracy:

X-axis: 0.010 mm

Z-axis: 0.010 mm

Repeat Positioning Accuracy:

X-axis: 0.008 mm

Z-axis: 0.008 mm

