

Machine Name : CNC turning lathe

Brand : Yunnan Yiji

Machine Model : CKNC6180

Stock No. : 4812631

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: FANUC (Optional)

Machining Capacity

Maximum Swing Diameter Over Bed: $\Phi 800$ mm

Maximum Swing Diameter Over Slide: $\Phi 480$ mm

Maximum Center Distance: 1000 / 1500 / 2000 / 3000 mm

Maximum X-Axis Travel (Longitudinal): 470 mm

Maximum Z-Axis Travel (Longitudinal): 1000 / 1500 / 2000 / 3000 mm

Guideway Width: 600 mm

X/Z-Axis Ball Screws: 3210 / 6310

Rapid Traverse Rate:

X-Axis: 8 m/min

Z-Axis: 4 m/min

Machining Accuracy: IT6-IT7

Spindle

Spindle Head Model: C-11

Spindle Taper / Through Hole: External 1:4; Internal 1:20 / $\Phi 105$ mm

Spindle Speed: Three-speed gearbox with variable frequency drive and stepless speed adjustment within each range

Low Range: 45-125 rpm

Medium Range: 110-350 rpm

High Range: 290-950 rpm

Chuck Size: $\Phi 630$ mm Four-Jaw Chuck

Accuracy

Positioning Accuracy:

X-Axis (Longitudinal): ≤ 0.02 mm

Z-Axis (Longitudinal): ≤ 0.025 mm

Repeat Positioning Accuracy:

X-Axis (Longitudinal): ≤ 0.012 mm

Z-Axis (Longitudinal): ≤ 0.015 mm

Tool Rest

Type: Four-Station Tool Holder

Tool Holder Size: 300 × 300 mm

Tool Size: 40 × 40 mm

Tailstock

Tailstock Quill Diameter / Travel: $\Phi 120$ mm / 250 mm

Tailstock Center Taper: MT6

Motor

Main Motor Power: 15 kW (Variable Frequency Motor)

Configuration:

$\Phi 630$ mm Four-Jaw Chuck × 1 set

Double-Ended Wrenches × 1 set

Hex Socket Wrenches × 1 set

Shock-Absorbing Pads × 1 set

Screwdrivers × 1 set

Factory Certificate of Conformity × 1 copy

Packing List × 1 copy

Operation Manual (Electronic Version) × 1 copy

