

Machine Name : Five axis CNC tool grinder

Brand : Yatong CNC

Machine Model : YT200

Stock No. : 10877

Ex-factory Date : 2026



Main Technical Parameters:

I. Core Parameters and Configuration Description of the Product

1.1 Model differences and spindle core parameters

Model: YT200

Structural type: Double grinding head

The rated power of spindle is 8.2kW

Main KAFO power: 19kW

Maximum machining diameter of hard alloy Tool: $\Phi 16\text{mm}$

1.2 List of High-end Hardware Configurations (Over 95% Imported)

Basic structural components

Bed: Mineral casting bed;

Moving parts: Ductile iron 500

Ensure rigidity and stability

glass scale CNC System

The DD motor is equipped with a built-in circular glass scale.

Linear glass scale: Not included as standard. Heidenhain is available for purchase

Optional upgrade

Drivers and Coding

actuating motor + drive: Customized and dedicated by Yatong.

Servo encoder: Henschler, Germany

A/C axis encoder: Renishaw, UK (the same brand as Anka)

The core components are worktablemarked against international first-line standards

drive components

screw rod, guideway: Japan THK;

X-axis guideway: 35 specification;

Y/ Z-axis guideway/screw rod: 25 specification

Ensure drive precision

Auxiliary accessories

Drag chain cables and control circuits: Imported from Germany;

Protective covers and tiger skin covers: Imported from Germany

Enhance the durability of equipment

1.3 Core indicators of precision

Positioning precision: $\leq 2\mu\text{m}$

precision of 300mm length upper busbar and side busbar: $\leq 2\mu\text{m}$

1.4 Standard accessories and optional upgrade items

(1) Standard accessories (factory standard configuration; additional items need to be purchased separately)

1. Shobolin original cylinder clamps: 2 specifications;

2. Xiao Bolin domestic tools Tool holder: 1 W25;

3. grinding wheel rods: 6 pieces;

4. Customer-specified material worktables: 4, with exclusive standard configuration for robot models;

5. torsion wrench: 1 set;

6. grinding wheel disassembly and assembly fixture: 1 set.

(2) Optional upgrade items

Linear glass scale: Heidenhain XYZ 3 axes

li. Core Technologies and Advantages

1. Software strength: worktablemarking against the international first-line brand ANCA, it adopts RN32 1:1 process software, which is powerful

The modules are basically fully activated, mature and sWorktable.

2. CNC System Accessories: Equipped with a 5 axes simultaneous control CNC CNC System, it features high precision, good rigidity and strong reliability .

3. Efficiency advantage: The machining efficiency is about 30% higher than that of peers, with outstanding overall cost performance.

4. Quality Assurance: 95% imported core components, with precision reaching 2 μ m level, worktablemarking against the standards of imported equipment;

