

Machine Name : 5 Axis Machining Center

Brand : Taikan

Machine Model : G-BU2030

Stock No. : 4812658

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: SIEMENS ONE 5-axis simultaneous control

Worktable Size: 3000 × 2000 mm

Worktable Load Capacity: 5 tons/m²

Three-axis Travel (X/Y/Z): 3200 × 2200 × 1000 mm

Spindle Nose to Worktable Distance: 100-1100 mm

Effective Gantry Width: 3200 mm

Spindle Taper: HSK-A63

Spindle Speed: 18,000 rpm

Spindle Motor Power: 30 kW

Spindle Torque (S1/S6-40%): 72/85 Nm

A-axis Swing Angle: ±110°

C-axis Rotation Angle: ±360°

Maximum Speed of A/C Axis: 60 rpm

Cutting Feed Rate: 20,000 mm/min

X/Y/Z Rapid Traverse Rate: 24,000/24,000/24,000 mm/min

Positioning Accuracy (X/Y/Z): 0.023/0.019/0.014 mm (Full Closed Loop)

Repeat Positioning Accuracy (X/Y/Z): 0.018/0.012/0.009 mm (Full Closed Loop)

Positioning Accuracy of A/C Axis: 8"

Repeat Positioning Accuracy of A/C Axis: 4"

Z-axis Counterbalance: Hydraulic + Nitrogen Balance

Air Pressure: 0.6-0.8 MPa

Machine Dimensions: 8500 × 6600 × 5500 mm

Standard Configuration:

SIEMENS ONE CNC System

19-inch Monitor

A/C Dual-axis Tilting Milling Head

Chain Chip Conveyor + Chip Collection Cart

Automatic Lubrication System

Spindle Cooling System

Workpiece Cooling System

Electrical Cabinet Air Conditioner

Hydraulic Station

Full Enclosure Sheet Metal (Open Top)
Ram Nitrogen Balance System
Optional Configuration:
24-tool HSK-A63 Tool Magazine
3 MPa Spindle Center Through Coolant
Chip Flushing Water Gun
Sunken Foundation

