Machine Name : 5 Axis Machining Center

Brand : Taikan

Machine Model : G-BU2030

Stock No. : 812658

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