Machine Name : Jig grinding machine

Brand : CW

Machine Model : JG 640 CM

Stock No. : 811231

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: FANUC 31iB Plus
X × Y × Z × W-axis Travel: 600 × 400 × 120 × 450 mm
Maximum Load: 350 kg
Cutting and Motion Performance:
Cutting feed (X, Y, Z axes): 1–12,000 mm/min
Maximum displacement rate:
X-axis: 20 m/min
Y-axis: 20 m/min
Z-axis: 20 m/min
W-axis: 10 m/min
Precision and Measurement:
Optical scale resolution: 0.02 μm
Minimum setting unit: ±0.0001 mm
Positioning accuracy: ±0.0015 mm
True roundness in planetary grinding: ≤0.002 mm
Drive and Structure:
X, Y, and Z axes use linear motors for high-speed, high-precision power transmission
W-axis uses a servo motor with twin-screw and dual optical scale feedback for balanced vertical motion
Functions and Settings:
Supports 12 sets of feed axis configurations

PamtonSchnell

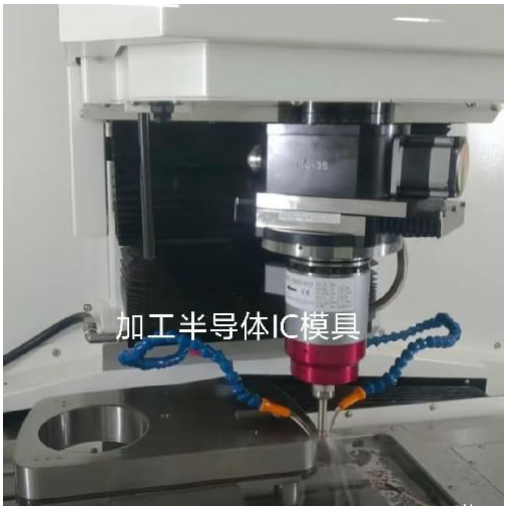




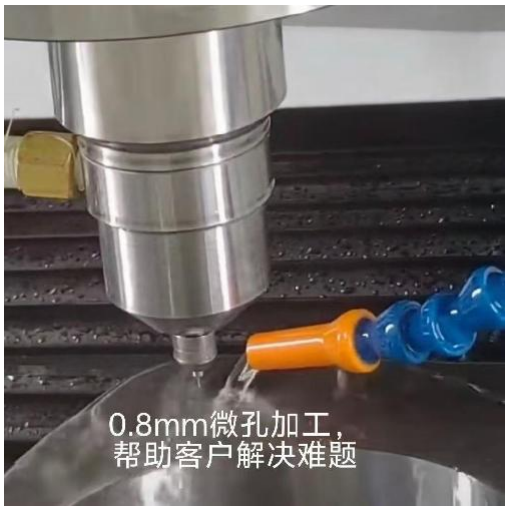








PamtonSchnell



40CM

FANUC 31i-B Plus
精密異形輪廓研削
Z、Cs 四軸同時控制行程
機能直覺式操控
全自動異常輸出
研磨頭動力輸出
(mm)：600 x 400 x 120 x 450 (X
(kg)：350kgs

nm/min)：1-12000 (X、Y、Z
速率 (m/min)：(X)20、(Y)20、
斤度: 0.02 um最小設定單位: ±
：±0.0015 mm
真圓度 ≦0.002 mm
三軸由線性馬達作高速、高精
級馬達雙螺桿&雙光學尺解析、
軸設定