

Machine Name : Jig grinding machine

Brand : CW

Machine Model : JG 640 CM

Stock No. : 4811231

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

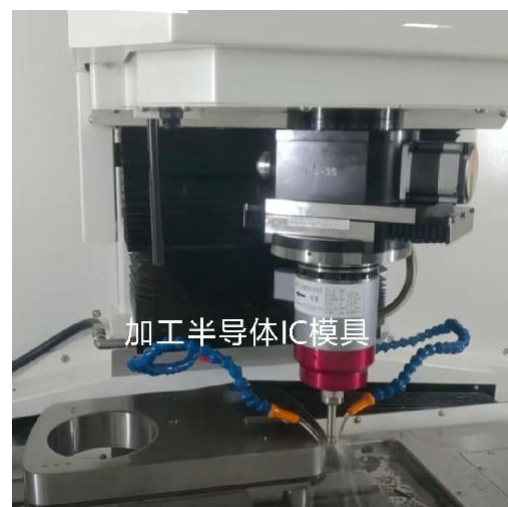
Drive and Structure:

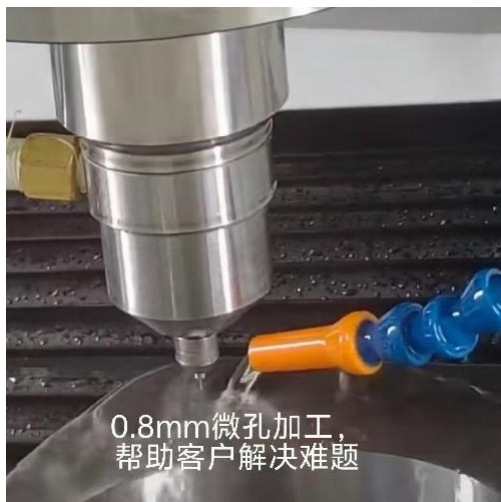
X, Y, and Z axes use linear motors for high-speed, high-precision power transmission

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





0.8mm微孔加工,
幫助客戶解決難題

10CM

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

行程(mm)：600 x 400 x 120 x 450 (X

重(kg)：350kgs

轉速(rpm/min)：1-12000 (X、Y、Z

進速率 (m/min)：(X)20、(Y)20、

分辨率：0.02 μ m最小設定單位：±

：±0.0015 mm

真圓度 $\leq$ 0.002 mm

三軸由線性馬達作高速、高精

度馬達雙螺桿&雙光學尺解析、1

軸設定