

Machine Name : CNC Gantry machining Center

Brand : KEN ICHI

Machine Model : Focus 5-2022

Stock No. : 811446

Ex-factory Date : 2018



Main Technical Parameters:

CNC System: Heidenhain TNC-640 (5-axis simultaneous control)

Three-axis travel (X × Y × Z): 2200 × 2000 × 1000 mm

Distance between the two columns: 1650 mm

Distance from spindle nose to worktable: -150 to 850 mm

Structural form: High-rigidity integrated gantry structure

Worktable size: 2200 × 1300 mm

T-slot specification: 18 mm (pitch 180 mm)

Maximum load capacity: 4000 kg

Spindle taper: HSK-A63

Spindle speed: 24,000 rpm

Spindle power: 21 kW (S1)

5-axis head: European-imported TCH-L13 (EVO), direct drive by torque motor

A-axis travel: $\pm 110^\circ$

C-axis travel: 360° continuous

Tool magazine capacity: 36

Tool holder type: HSK-A63

Maximum tool weight: 8 kg

Tool changing time (tool-to-tool): approximately 6 seconds

Position feedback: X / Y / Z full closed-loop Heidenhain linear scales

Guideway type: 6 roller linear guideways (2 for X, 2 for Y, 2 for Z)

Chip removal method: Spiral + scraper chip conveyor

Machine dimensions (L × W × H): approximately 8500 × 4500 × 4200 mm

Overall weight: approximately 52 tons



