

GS SERIES

Gentry Type Machining Center



High Speed Solution for Large Mold and Workpiece Machining Project

Precise contour accuracy, high-speed cutting feedrate, and excellent surface roughness.

- 30 m/min Feed Rate (OPT.)
- Positioning Accuracy P 0.006mm
- Repeatability Ps 0.004mm
- Aluminum Alloy Chips Removal Rate 5,000 cc/min

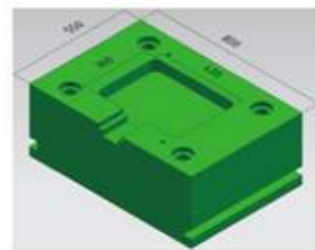


- ▶ Optimal dynamic response mechanism to achieve high speed feed and high acceleration and deceleration.
- ▶ Machine head/ Moving beam/ Base : 1/3/7
- ▶ Excellent structure for steady and speedy motion

Optional Spindles For Fanuc Controller



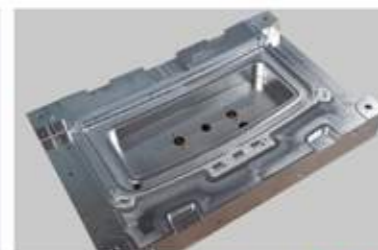
Mold Base High Speed Feed Cutting



- Size : L800mm,W550mm ,H250mm
- Material : S45C
- Tool: D40R1
- Speed : 2,000rpm
- Cutting Feed Rate : 10,000mm/min

Features

- F10,000mm/min High Feed Machining
- 300 cc/min Material Removal Rate
- VC 250m/min
- 0.008 mm Position Accuracy of Boring Hole (Pitch 400x 700mm)



Large Mold Machining

- F10,000mm/min High Speed Mold Surface Machining
- 0.3G Acceleration
- Tool Marks Gap: Ra<0.2 μm

Model	X axis	Y axis	Z axis	Table dimension	Max. table load	Spindle motor (S1/S6)	Spindle speed	Cutting feed rate	Rapid traverse(x/y/z)
Unit	mm	mm	mm	mm	kg/m ²	kW	rpm	mm/min	m/min
GS-1220	1,200	2,000	800/1,000 (Opt.)	1,200 x 2,000	3,000	L:15 / 18.5 kW	15,000	1~24,000	XYZ:24 / 30(Opt.)
GS-1620	1,600			1,600 x 2,000					
GS-2020	2,000			2,000 x 2,000					
GS-2520	2,500			2,500 x 2,000					
GS-3020	3,000			3,000 x 2,000					

For details, please refer to Machine Specification Instruction

High Speed
Machining