



GM1580 GM2011

Smart CNC Solutions

*Gantry Machining Center Family Series*

# GANTRY SERIES



# Gantry Machining Center Series

## Specifications

	Unit	GM1580	GM2011
<b>Table</b>	Table size	mm 1600×800	2000×900
	Max. load	kg 2000	2500
	T slot(width×nos.×distance)	mm 22×5×140	22×7×125
<b>Capacity</b>	X Travel	mm 1500	2000
	Y Travel	mm 1000	1200
	Z Travel	mm 620	800
	Spindle nose to table	mm 180-800	120-920
	Gantry width	mm 950	1150
<b>Spindle</b>	Guideway type	LM (Roller)	LM(Roller)
	Spindle speed	rpm 8000, *6000	8000,*6000
	Spindle type	BT50-155, *BT50-190	BT50-155, *BT50-190
<b>Feed</b>	Main servo motor	kW 15/18.5	15/18.5
	X/Y/Z axis rapid traverse	m/min 20	20
<b>ATC</b>	Max. feedrate	mm/min 10000	10000
	ATC capacity/type	No./type 24/Disk Arm	24/Disk Arm
<b>Others</b>	Max. weight of tool	kg 18	18
	Power capacity	kVA 40	40
	Dimension	mm 4650×2850×3550	5100×2950×3650
	Weight (about)	kg 15000	18000

## Machine Characteristics

- Optimized design of column bearing surface and gantry structure, excellent support rigidity, reliable structure.
- BT50 big spindle with powerful spindle servo motor, suitable for heavy cuts in low speeds and and precision cuts in high speeds.
- Bigger specs. heavy duty lineaer motion guideway on X/ Y/ Z axis. The layout of six runner blocks of # 45 on X & Y axis and six runner blocks of #55 on Z axis realizes high rigidity and good accuracy mantaince. Cylinder balance weight on Z axis makes excellent deceleration and acceleration.
- 4th axis is available as option according to customized requirements.

### Standard Features

- BT50 8000rpm spindle
- Arm type ATC
- Ergonomic CNC Panel & MPG
- Automatic Lubrication System
- Full Machine Enclosure
- Air Conditioned Electrical Cabinet
- Air System w/ Handheld Air Gun

### Optional Features

- CNC Controlled 4th Axis Rotary Table
- Different CNC Control System

