



GMC3220

Item	Specification	Unit
Worktable	Worktable size	3000×1800
	Max. allowable load	10000
	T-slot dimensions	9*22*190
Machining Range	X-axis Max. travel	3200
	Y-axis max. travel	2000
	Z-axis max. vertical travel	1000
	Dist. from spindle nose to worktable	180/1180
	Gantry double column distance	2000
Spindle	Taper hole	BT 50-190
	Rivet Specifications	P50T-1-MAS403(45°)
	Spindle speed range	10-6000
Feed	Cutting feed speed range	1-10
	X-axis fast moving	12
	Y-axis fast moving	12
	Z-axis fast moving	8
Control System		SYNTEC 22MA
Motor	X-axis	35
	Y-axis	35
	Z-axis	35
	Spindle	15-22.5
		KW
Lead Screw Guide rail	X-axis : 55# /10 Roller rail guide	
	X/Y/Z guide rail	Y-axis: 55# Roller rail guide
		Z-axis: Box rail guide
		X-axis : 8020
	X/Y/Z lead screw	Y-axis : 5010
		Z-axis : 5010
Dimensions (length x width x height)		9300×5300×4500
Machine tool gross weight approx.		24,000



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-38-

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GMC3025

Item	Specification	Unit
Worktable	Worktable size	3000×2300
	Max. allowable load	10,000
	T-slot dimensions	11*28*200
Machining Range	X-axis Max. travel	3000
	Y-axis max. travel	2500
	Z-axis max. vertical travel	1250(1500)
	Dist. from spindle nose to worktable	250/1500
	Gantry double column distance	(+250)
Spindle	Taper hole	BT 50-Φ200
	Spindle speed range	6,000
	Cutting feed speed range	8
Feed	X-axis fast moving	15
	Y-axis fast moving	15
	Z-axis fast moving	12
	Control System	FANUC 0i MF Plus
Motor	X-axis	BIS40/36N.m
	Y-axis	BIS40/36N.m
	Z-axis	BIS40/36N.m
	Spindle	BIIP30/143N.m
Lead Screw Guide rail	X-axis : 55# /8 Roller rail guide	
	X/Y/Z guide rail	Y-axis: 55# /8 Roller rail guide
		Z-axis: Box rail guide
		X-axis : 8020
	X/Y/Z lead screw	Y-axis : 6316
		Z-axis : 6316
Dimensions (length x width x height)		6600×4800×5500
Machine tool gross weight approx.		27000



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-39-

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GMC4220

Item	Specification	Unit
Worktable	Worktable size	4000×1800
	Max. allowable load	9,000
	T-slot dimensions	9*22*190
Machining Range	X-axis Max. travel	4200
	Y-axis max. travel	2000
	Z-axis max. vertical travel	1000
	Dist. from spindle nose to worktable	180/1180
	Gantry double column distance	2000
Spindle	Taper hole	BT 50-190
	Rivet Specifications	P50T-1-MAS403(45°)
	Spindle speed range	10-6000
Feed	Cutting feed speed range	1-8
	X-axis fast moving	12
	Y-axis fast moving	12
	Z-axis fast moving	8
Control System		FANUC 0i mf Plus
Motor	X-axis	β 40
	Y-axis	β 40
	Z-axis	β 40B
	Spindle	β 30
Lead Screw Guide rail	X-axis : 55# /10 Roller rail guide	
	X/Y/Z guide rail	Y-axis: 2-55# Roller rail guide
		Z-axis: Box rail guide
		X-axis : 8020
	X/Y/Z lead screw	Y-axis : 5010
		Z-axis : 5010
Dimensions (length x width x height)		10300×5700×4900
Machine tool gross weight approx.		27,000



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-40-

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49 of 80



79 of 80

	Item	Specification	Unit
Worktable	Worktable size	1600×1200	mm
	Max. allowable load	2000	kg
	T-slot dimensions	7*22*150	mm/ slot
Machining Range	X-axis Max. travel	1700	mm
	Y-axis max. travel	1300	mm
	Z-axis max. vertical travel	700	mm
	Dist. from spindle nose to worktable	150/850	mm
	Gantry double column dist.	1300	mm
	Gantry Max. working height	930	mm
Feed	Taper hole	BT 40-Φ150	N/A
	Spindle speed range	50-8000	rpm
	Cutting feed speed range	1-10	m/min
	X-axis fast moving	20	m/min
	Y-axis fast moving	20	m/min
	Z-axis fast moving	16	m/min
Motor	Control System	Mitsubishi M80A	
	X-axis	36	N.m
	Y-axis	36	N.m
	Z-axis	36	N.m
	Spindle	DG11	Kw
Lead Screw Guide rail	X/Y/Z guide rail	X-axis : 55#6 Roller rail guide Y-axis: 55#4 Roller rail guide Z-axis: 4-#45 Roller rail guide	N/A
	X/Y/Z lead screw	X-axis : 5012	N/A
		Y-axis : 5012	
		Z-axis : 5012	
Dimensions (length x width x height)		5130×2670×3300	mm
Machine tool gross weight approx.		14,500	kg

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- 35 -

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	Item	Specification	Unit
Worktable	Worktable size	2000×1400	mm
	Max. allowable load	5000	kg
	T-slot dimensions	7*22*150	mm/ slot
Machining Range	X-axis Max. travel	2000	mm
	Y-axis max. travel	1600	mm
	Z-axis max. vertical travel	800	mm
	Dist. from spindle nose to worktable	150/950	mm
	Gantry double column dist.	1600	mm
	Gantry Max. working height	1030	mm
Feed	Taper hole	BT 50-Φ155	N/A
	Spindle speed range	50-6000	rpm
	Cutting feed speed range	1-10	m/min
	X-axis fast moving	20	m/min
	Y-axis fast moving	20	m/min
	Z-axis fast moving	16	m/min
Motor	Control System	SYNTEC	
	X-axis	38	N.m
	Y-axis	30	N.m
	Z-axis	30	N.m
	Spindle	15	Kw
Lead Screw Guide rail	X/Y/Z guide rail	X-axis : 2-#55 Roller rail guide	N/A
		Y-axis: 3-#45Roller rail guide	
	X/Y/Z lead screw	Z-axis: 4-#45 Roller rail guide	N/A
X-axis : 6316			
Dimensions (length x width x height)	Machine tool gross weight approx.	Y-axis : 5012	mm
		Z-axis : 5012	
		6430*3070*3680	
		17,500	kg

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- 36 -

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	Item	Specification	Unit
Worktable	Worktable size	2500×1800	mm
	Max. allowable load	8000	kg
	T-slot dimensions	9*22*180	mm/ slot
Machining Range	X-axis Max. travel	2700	mm
	Y-axis max. travel	2000	mm
	Z-axis max. vertical travel	1000	mm
	Dist. from spindle nose to worktable	205/1205	mm
	Gantry double column distance	2000	mm
Spindle	Taper hole	BT 50-190	N/A
	Rivet Specifications	P50T-1-MAS403(45°)	N/A
	Spindle speed range	10-6000	rpm
Feed	Cutting feed speed range	1-10	m/min
	X-axis fast moving	15	m/min
	Y-axis fast moving	15	m/min
	Z-axis fast moving	10	m/min
	Control System	Mitsubishi M80A	
Motor	X-axis	38	N.m
	Y-axis	30	N.m
	Z-axis	30	N.m
	Spindle	βiIP 30(143)	KW
Lead Screw Guide rail		X-axis : 2-#55 Roller rail guide	
	X/Y/Z guide rail	Y-axis: 2-#55Roller rail guide	
		Z-axis: Box rail guide	
		X-axis : 6312	
	X/Y/Z lead screw	Y-axis : 5010	N/A
Dimensions (length x width x height)		6700×3760×3800	mm
Machine tool gross weight approx.		21,000	kg

GMB2720



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- 37 -

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Gantry Machining Center Highlights



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-32-

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-33-

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-34-

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HMC630

HMC630/TH630



HMC630 Technical Parameter

Worktable	Worktable size	mm	630*630
	Worktable max.load	kg	950
	T-slot (num.*width*dist.)	T	
Travel	X-axis travel	mm	1050
	Y-axis travel	mm	750
	Z-axis travel	mm	900
	Dist. from spindle nose to table center	mm	130-1030
Spindle	Spindle transmission type		Belt type
	Spindle taper(BT50)	mm	φ155
	Spindle speed	rpm	6000
	Spindle motor	kw	15
Feed Speed	X/Y/Z-Axis rapid feed	m/min	20/12/20
	Cutting feed speed	mm/min	1-10000
Tool magazine	Tool number	pcs	24
	Tools change way(DISC Type)		ATC
	Tool change time	s	2.5
Precision	Positioning precision	mm	±0.008
	Reported positioning precision	mm	±0.005
Other	Overall size(5300*3700*2900)	mm	
	Machine weight	kg	10,000

HMC630 Standard Accessories

Item	Model & Specification	Brand
CNC control system	According customer	Fanuc /Mits./ Siemens
3-Axis bearing	Inner dia.40 outer dia.72	KND/HNC /GSK/Syntec
3 -Axis ball screw (C3)	X/Z: FD4012 Y:FD5012	SKF-SWE /NACHI-JPN
X/Y/Z -Axis guideway	X/Y:HG45HA ;Z:HG55HA	Hiwin/PMI-Taiwan
Automatic tool changer	24T BT50 Disk type	OKADA-Taiwan China
Spindle (direct type)	BT50-190-6000r/min	Volis/Okada/TD-TW
Pneumatic supercharger	4.5T	Haocheng-Taiwan,
Pneumatic control element	-	Airtac-Taiwan
Electric	Delixi	China
Auto lubrication system	TZ-2202-110A	China
Coolant pump	CBK4-30/3	China
Heat exchanger	HPW-10AF	China
Rotary table	1/1000	China

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-29-

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HMC1000L

HMC1000L/HMC1000S



HMC1000L Technical Parameter

Worktable	Worktable size	mm	1000*1000
	Worktable max.load	kg	4000
	T-slot (num.*width*dist.)		5-22*165
Travel	X-axis travel	mm	1800
	Y-axis travel	mm	1100
	Z-axis travel	mm	1300
	Dist. from spindle nose to table center	mm	266-1566
Spindle	Spindle transmission type		Belt type
	Spindle taper(BT 50)	mm	φ190
	Spindle speed	rpm	6000
	Spindle motor	kw	22
Feed Speed	X/Y/Z-Axis rapid feed	m/min	14/12/14
	Tool number	pcs	24
Tool magazine	Tools change way(DISC Type)	hydraulic	ATC
	Tool change time	s	4
Precision	Positioning precision	mm	±0.008
	Reported positioning precision	mm	±0.005
Other	Overall size	mm	
	Machine weight	kg	15,000

HMC1000L Standard Accessories

Item	Model & Specification	Brand
CNC control system	According customer	Fanuc /Mits./ Siemens
3-Axis bearing	XYZ: 4072	KND/HNC /GSK/Syntec
3 axis ball screw (C3)	X/Y/Z: 5010	SKF-Swit./NACHI-JPN
X/Y/Z -Axis guideway	X/Z:55# , Y: box guideway	Hiwin/PMI-Taiwan
Automatic tool changer	24T type	OKADA-Taiwan
Spindle (belt type)	BT50-190-6000r/min	Volis/Okada/TD-TW
Lubricating oil pump	4L	CHINA
Balance cylinder	11L	CHINA
Electric	Delixi	China
Auto lubrication system	TZ-2202-110A	China
Coolant pump	CBK4-30/3	China
Heat exchanger	HPW-10AF	China
Rotary table	1000*1000 (1/1000)	Delong-Taiwan

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-30-

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HMC1075L technical parameter

Worktable	Worktable size	mm	1300*600
	Worktable max.load	kg	800
	T-slot		5-18*105
Travel	X-axis travel	mm	1000
	Y-axis travel	mm	750
	Z-axis travel	mm	600
	Dist. from spindle nose to table center	mm	115-715
Spindle	Dist. from spindle center to table surface	mm	110-860
	Spindle transmission type		Belt type
	Spindle taper(BT 50)		φ150
	Spindle speed	rpm	6000
Feed Speed	Spindle motor	kw	11
	X/Y/Z-axis rapid feed	m/min	15/12/15
Tool magazine	Cutting feed speed	mm/min	1-10000
	Tool number	pcs	24
Precision	Tools change way(Disc type)		ATC
	Tool change time	s	2.5
Other	Positioning precision	mm	±0.008
	Reported positioning precision	mm	±0.005
Other	Overall size(3700*3050*2700)	mm	
	Machine weight	kg	8000

HMC1075L

HMC1290L/1395L/1814L



HMC1075L Standard Accessories

Item	Model & Specification	Brand
CNC control system	According customer	Fanuc /Mit./ Siemens
3-Axis bearing	Inner dia.40 outer dia.72	KND/HNC /GSK/Syntec
3 -Axis ball screw (C3)	X/Z: FD4012 Y:FD5010	SKF-Swiss /NACHI-JPN
X/Y/Z-Axis guideway	X:45, Z:55*4, Z: box guiderail	Hiwin/PMI-Taiwan
Auto tool changer	24T BT50 Disk type	Hiwin/PMI-Taiwan
Spindle (direct type)	BT50-150-6000r/min	OKADA-Taiwan
Pneumatic supercharger	4.5T	Volis/Okada/TD-TW
Pneumatic control element	-	China
Electric	Delixi	Haocheng-Taiwan
Auto lubrication system	TZ-2202-110A	Airtac-Taiwan
Coolant pump	CBK4-30/3	China
Heat exchanger	HPW-10AF	China

Gantry Machining Center



GMC2014



GMC3025



GMC2518



GMC4220

