



Model #
HMC 630A
/ 630B

ITEM	SPECIFICATIONS		630A / 630B	
Travel	X-Axis,Y-Axis,Z-Axis		X: 1050, Y: 850, Z: 950mm	
	Spindle Nose To Pallet		150-1100mm	
	Spindle Center To Pallet Surface		90-940mm	
Table	Table Size	630X630mm		
	Workbench Number	1(Opt.2)		
	Workbench Surface Configuration	M16-125mm		
	The Workbench Maximum Load	1200kg		
	The Smallest Unit of Setting	1°(Opt.0.001°)		
Spindle	Spindle Taper	BT-50		
	Type Of Driving	Beltt Type	Direct Type	Gear head
	Spindle RPM	6000 rpm	8000 rpm	6000 rpm
	Spindle Motor type	OIMF-β	OIMF-α	OIMF-β
Controller and Motor	Spindle Motor	15/18.5 kW (143.3Nm)	22/26 kW (140Nm)	15/18.5 kW (143.3Nm)
	X Axis Servo Motor	3kW(36Nm)	7kW(30Nm)	3kW(36Nm)
	Y Axis Servo Motor	3kW(36Nm)BS	6kW(38Nm)BS	3kW(36Nm)BS
	Z Axis Servo Motor	3kW(36Nm)	7kW(30Nm)	3kW(36Nm)
	B Axis Servo Motor	2.5kW (20Nm)	3kW (12Nm)	2.5kW (20Nm)
	Spindle Motor type	OIMF-β	OIMF-α	OIMF-β
	X. Z Axis Rapid Feed Rate	24m/min	24m/min	24m/min

Feed Rate	Y Axis Rapid Feed Rate	24m/min	24m/min	24m/min
	X. Y. Z Max.Cutting Feed Rate	6m/min	6m/min	6m/min
ATC	Arm Type (Tool to Tool)	30T (4.5 sec)		
	Tool Shank	BT-50		
	Max. Tool Diameter*Length(adjacent)	φ200*350mm(φ105*350mm)		
	Max. Tool Weight	15kg		
Others	Approximate Weight	A: 15500kg / B: 17000kg		
	Floor Space Measurement	A: 6000*4600*3800mm		
		B: 6500*4600*3800mm		

Standard Accessories

- Fully-Enclosed Splash Guard
- Electrical Cabinet with Heat Exchanger
- Work Lamp + Alarm Lamp
- High Pressured Coolant & Air Gun
- Spindle Air Blast & Coolant Nozzle
- Rigid Tapping
- Auto Lubrication System
- Editable CF Card Function
- Portable Hand Wheel (MPG)
- Auto interrupt & Power Off System
- Leveling Blocks & Screws
- Tool & Tool Box
- Chip Flushing System
- Spindle Coolant System
- Screw Type Chip Conveyor+Cart
- Operation Manual

Optional Accessories

- FANUC 0i-MF-(ALPHA PACKAGE)+AICC II
- Air Conditioner for Electrical Cabinet
- Chain type ATC-40T (40 taper)
- Chain type ATC-60T (40 taper)
- Chain type ATC-80T (40 taper)
- CTS 30 bar / 50 bar
- Heidenhain linear scales for XYZ
- Renishaw TS-27R (touch probe)
- Renishaw NC4 (laser probe)
- Renishaw OMP60 (workpiece probe)
- Transformer 30kva
- Oil Skimmer
- CE standard



Model #
HMC 800A
/ 800B



ITEM	SPECIFICATIONS		800A / 800B	
Travel	X-Axis,Y-Axis,Z-Axis		X: 1300, Y: 1000, Z: 1050mm	
	Spindle Nose To Pallet		150-1200mm	
	Spindle Center To Pallet Surface		90-1090-0-1000mm	
Table	Table Size		800X800mm	
	Workbench Number		1(Opt.2)	
	Workbench Surface Configuration		M16-160mm	
	The Workbench Maximum Load		1300-2000kg	
	The Smallest Unit of Setting		1°(Opt.0.001°)	
Spindle	Spindle Taper		BT-50	
	Type Of Driving		Beltt Type	
	Spindle RPM		6000 rpm	
	Spindle Motor type		0IMF-β	
Controller and Motor	Spindle Motor		15/18.5 kW (143.3Nm)	
	X Axis Servo Motor		3kW(36Nm)	
	Y Axis Servo Motor		3kW(36Nm)BS	
	Z Axis Servo Motor		3kW(36Nm)	
	B Axis Servo Motor		2.5kW (20Nm)	
	Spindle Motor type		0IMF-β	
Feed Rate	X. Z Axis Rapid Feed Rate		24m/min	
	Y Axis Rapid Feed Rate		24m/min	
	X. Y. Z Max.Cutting Feed Rate		6m/min	
ATC	Arm Type (Tool to Tool)		30T (4.5 sec)	
	Tool Shank		BT-50	
	Max. Tool Diameter*Length(adjacent)		φ200*350mm(φ105*350mm)	
	Max. Tool Weight		15kg	
Others	Approximate Weight		A: 16,500kg / B:20,000kg	
	Floor Space Measurement		A: 6000*5000*3800mm	
			B: 7000*5000*3800mm	

Standard Accessories	Optional Accessories
• Fully-Enclosed Splash Guard	◎ FANUC 0i-MF-(ALPHA PACKAGE)+AICC II
• Electrical Cabinet with Heat Exchanger	◎ Air Conditioner for Electrical Cabinet
• Work Lamp + Alarm Lamp	◎ Chain type ATC-40T (40 taper)
• High Pressured Coolant & Air Gun	◎ Chain type ATC-60T (40 taper)
• Spindle Air Blast & Coolant Nozzle	◎ Chain type ATC-80T (40 taper)
• Rigid Tapping	◎ CTS 30 bar / 50 bar
• Auto Lubrication System	◎ Heidenhain linear scales for XYZ
• Editable CF Card Function	◎ Renishaw TS-27R (touch probe)
• Portable Hand Wheel (MPG)	◎ Renishaw NC4 (laser probe)
• Auto interrupt & Power Off System	◎ Renishaw OMP60 (workpiece probe)
• Leveling Blocks & Screws	◎ Transformer 30kva
• Tool & Tool Box	◎ Oil Skimmer
• Chip Flushing System	◎ CE standard
• Spindle Coolant System	
• Screw Type Chip Conveyor+Cart	
• Operation Manual	