

Content		Specification	Specification Value		
Machining capacity		Max. machining diameter	Φ20mm		
		Max. machining length	200mm / 1chuck		
		Max. parts unloading length	93mm		
Spindle		Main spindle through-hole diameter	Φ23mm		
		Spindle RPM (Main/Sub)	Max. 10,000rpm		
		Sub spindle chucking diameter	Φ20mm		
Tool	Type	Type	Type A	Type B	Type C
		Max. number of tools	29	28	27
		Max. machining drill	Φ10mm		
	Main	Max. machining tap	M10		
		O.D. tool	5 (□12.7X150mm)	6 (□12.7X150mm)	5 (□12.7X150mm)
		I.D. tool	4 (ER16) (OP : Rear 4)		
		Cross drill	5 (ER16)		
		Cross drill RPM	6,000rpm		
		O.D. tool	2 (□12.7X150mm)		
	SUB	I.D. tool	3 (ER16)		
		Eccentric tool	3 (ER11)	—	
		Cross drill	3 (ER16)	4 (B1 axis, ER16)	4 (B2 axis, ER16)
Cross drill RPM		6,000rpm			
Rapid feed rate		X1,Y1,X2,Y2:28m/min Z1,Z2:30m/min			
Min. command unit		0.0001mm			
Feed	C-axis min. command unit (Main/Sub)	0.0001°			
Motor	Main spindle motor	3.7/1.5kW			
	Cross drill motor	1.5kW			
	Sub spindle motor	3.7/1.5kW			
	Sub cross drill motor	1.5kW			
	Y1,Z1,X2,Z2 axis feed motor	0.5kW			
	X1,Z1,X2,Y2 axis feed motor	1.0kW			
	Coolant pump (Main/Sub)	0.25kW X 2			
	Lubricant pump	0.003kW			
Dimensions and etc.	Main spindle center height	1,010mm			
	Input power capacity	18KVA			
	Air pressure/Flow rate	0.6MPa.40L/min			
	Coolant tank	160L			
	WxDxH	2,411x1,478x2,005 mm			
NC	Weight (Standard accessories included)	2,800kg			
	NC (Mitsubishi)	M80 Type A			
	NC display	10.4 Color TFT LCD			
	Memory capacity	500kB (1280m)			
	No. of tool offset	256sets			
	Background edit function				
	C-axis control (Main/Sub spindle)				
	User macro function				
	Nose radius compensation				
	Corner chamfering/corner rounding				
	Fixed cycle				
	Complex fixed cycle				
	Geometric commands				
	Instruction manual				
	Serial In / Output interface				
	CF card / USB interface				

Standard Accessories
I.D. tool device
Cross drill unit
Manual pulse generator(MPG)37P
Coolant unit
Rotary guide bush
Drill holder
Tool holder
Main : Chuck sleeve/Spring/Spindle cap(1set)
Sub : Chuck sleeve/Spring/Spindle cap(1set)
Automatic power turn-off device
Automatic oiling device
Coolant pump (Main/Sub)
Coolant flow detector(Main/Sub)
Overload detection function
Door interlock switch
Working light(LED)
Parts conveyor
Parts catcher
Levelling pad
Three-color warning light
Cut-off detector
Display language (ENG/CHN/KOR/ETC)

Optional Accessories
Long drill holder
Fixed guide bush
Tap breakage detector (Main/sub)
Tool presetter
Tool air blow
Rear ejection unit (less than Φ17mm)
Spindle tube liner for small parts
Large-sized lubricant pump 1.8ℓ
Chip conveyor & Chip box
Medium pressure coolant
Oil mist collector
Custom colors
Tooling

FLOOR Layout

