

NN-32KM Specifications



ITEM	Specification	NN-32KM	
Machining Capacity	Max. machining diameter	Φ32mm	
	Max. machining length	320mm /1chuck	
	Max. parts unloading length	125mm	
Spindle	Main spindle through-hole diameter	Φ43mm	
	Spindle RPM	Max. 8,000rpm	
	Sub spindle chucking diameter	Φ32mm	
Tool	Max. number of tools	26 (Standard - 5 axis) / 28 (Option- 6 axis)	
	Type	Max. machining drill (O.D. tool/S3/S4)	Φ13 / Φ10 / Φ8
		Max. machining tap (O.D. tool/S3/S4)	M12 / M8 / M6
	Main	O.D. tool	5 (□16X150mm max)
		I.D. tool	5 (ER16X3+ER20X2)
		Cross drill	5 (ER16)
		Cross drill RPM	Max. 6,000rpm
	Sub	I.D. tool	2 (ER16) / 4 (ER16) (Option -6 axis)
		I.D. eccentric tool	4 (ER16) / 4(ER16) (Option -6 axis)
		Cross drill RPM	Max. 6,000rpm
Feed	Rapid feed rate	32m/min (Y2: 24m/min)	
	Min. command unit	0.0001mm	
	C-axis min. command unit (Main/Sub)	0.0001°	
Motor	Main spindle motor	5.5/7.5kW	
	Cross drill motor	1.5kW	
	Sub spindle motor	3.7/5.5kW	
	Sub rotary motor	0.9kW	
	X1,Y1,Z1,X2,Z2 axis feed motor	1.0kW	
	Y2 axis feed motor	0.5kW	
	Coolant pump	1.1kW	
Lubricant pump	0.003kW		
Dimensions and etc.	Main spindle center height	1,025mm	
	Input power capacity	24KVA	
	Air pressure/Flow rate	0.6MPa., 60L/min	
	Coolant tank	250L	
	WxDxH	2,896x1,460x1,755 mm	
Weight (Standard accessories included)	3,800kg		
NC	NC (Mitsubishi)	Mitsubishi M80	
	NC display	8.4 Color TFT LCD	
	Memory capacity	500KB	
	No. of tool offset	80 Sets	
	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
Overload detection function
Door interlock switch
Working light(LED)
Parts conveyor
Levelling pad
Three-color warning light
Display language (ENG/FRA/GER/ITA/JPN/KOR/POL/RUS/SPA/ETC)

Optional Accessories
Fixed guide bush
Tool presetter
Tool air blow
Rear ejection unit
Spindle tube liner for small parts
Large-sized lubricant pump 1.8t
Chip conveyor & Chip box
Medium/High pressure coolant
Oil mist collector
Custom colors
Tooling
Wedge type O.D. tool (□16X150mm X6)
Max. machining diameter Φ38mm (Main)

FLOOR Layout

