



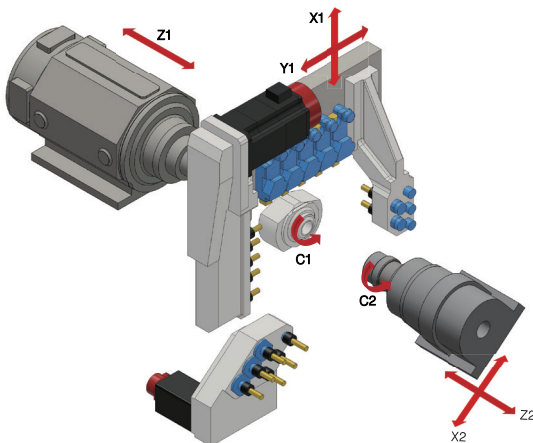
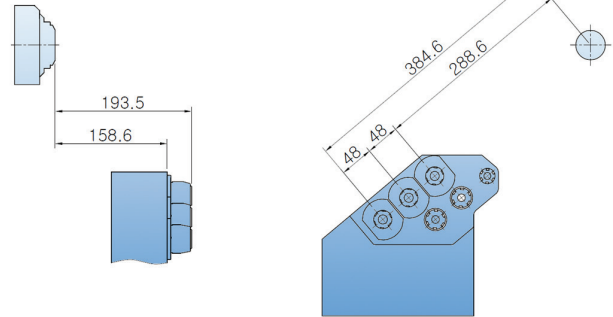
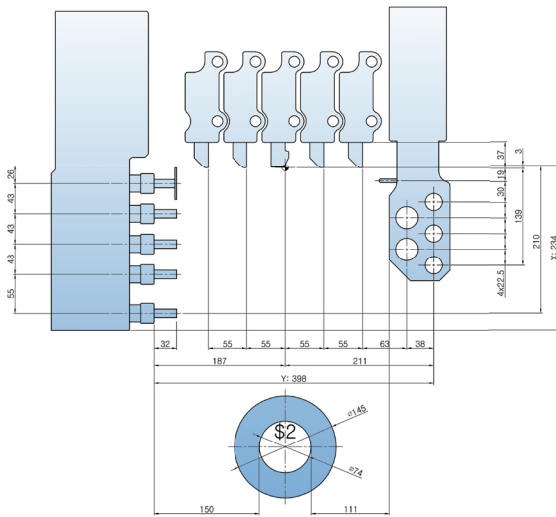


-  The latest NC "MITSUBISHI M80"
-  The best tool layout among equivalent models
 - For complex shape machining
 - Drastically shortened cycle time
-  Improved machining capability
 - Long drill
-  Improved machining capacity with high-precision parts & difficult to cut material
 - Horizontal tool post
 - Dovetail structure



TOOL Layout



	Feed	Unit	Z1	X1	Y1	Z2	X2
	Feed distance	mm	273	230	416	316.5	399.2
	Rapid feed rate	m/min	30	30	30	30	30

	Tools	Unit	NN-38UB8		Remarks	
			K	K2		
	Max. number of tools	EA	24	26		
Main	O.D. tool	EA	5		□20	
	I.D. tool	Front	EA	5		ER20X2,ER16X3
		REAR(OP)	EA	5		ER20X2,ER16X3
	Cross drill	EA	5		ER20	
SUB	I.D. tool	EA	2	3	K: ER20 K2: ER16x1+ER20x2	
	Eccentric tool	EA	2	3	ER20	

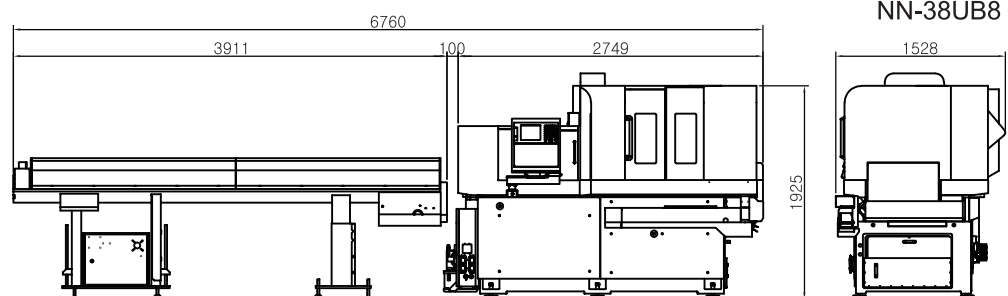
NN-38UB8 Specifications

Content	Specification	Specification Value		
		NN - 38UB8		
Machining capacity	Max. machining diameter	Φ38mm (OP : Φ42mm)		
	Max. machining length	260mm / 1 chuck		
	Max. parts unloading length	115mm		
Spindle	Main spindle through-hole diameter	Φ43mm		
	Spindle RPM (Main/Sub)	8,000rpm		
	Sub spindle chucking diameter	Φ38mm		
Tool	Type	Type	K	K2
		Max. number of tools	24	26
		Max. machining drill	Φ13mm	
		Max. machining tap	M8	
	Main	O.D. tool	5 (□20X150mm)	
		I.D. tool	5 (ER16X3+ER20X2) (OP : Rear 5)	
		Cross drill	5 (ER20)	
	SUB	Cross drill RPM	6,000rpm	
		I.D. fixed tool	2 (ER20)	3 (ER16x1+ER20x2)
		I.D. rotary tool	2 (ER20)	3 (ER20)
Feed	Rapid feed rate	30m/min		
	Min. command unit	0.0001mm		
	C-axis min. command unit (Main/Sub)	0.0001°		
Motor	Main spindle motor	7.5/5.5kW (Mitsubishi) 11.0/7.5kW (Fanuc)		
	Cross drill motor	1.5kW (Mitsubishi) 2.2kW (Fanuc)		
	Sub spindle motor	5.5/3.7kW		
	Sub rotary motor	0.9kW (Mitsubishi) 1.0kW (Fanuc)		
	Coolant pump (Main/Sub)	0.9kW		
	Lubricant pump	0.003kW		
	Main spindle center height	1,160mm		
Dimensions and etc.	Input power capacity	40KVA		
	Air pressure/Flow rate	0.6MPa. 45L/min		
	Coolant tank	370L(Additional tank included)		
	WxDxH	2,749x1,528x1925 mm		
	Weight (Standard accessories included)	3,600kg		
	NC UNIT	M80 Type A(Mitsubishi) / Oi-TF Plus(Fanuc)		
NC	NC display	8.4 Color TFT LCD(Mitsubishi) 10.4 Color TFT LCD(Fanuc)		
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)		
	No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)		

Standard Accessories
I.D. tool device
Cross drill unit
Manual pulse generator(MPG)
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 conveyer
Parts catcher
Levelling pad
Three-color warning light
Display language (ENG/CHN/KOR/ETC)
Chip conveyer & Chip box

Optional Accessories
E3 UNIT
Fixed guide bush
Tap breakage detector (Main/sub)
Tool presetter
Tool air blow
Rear ejection unit (less than Φ36mm)
Spindle tube liner for small parts
Medium pressure coolant
Oil mist collector
Custom colors
Tooling
Long drill

FLOOR Layout



NN-38UB8