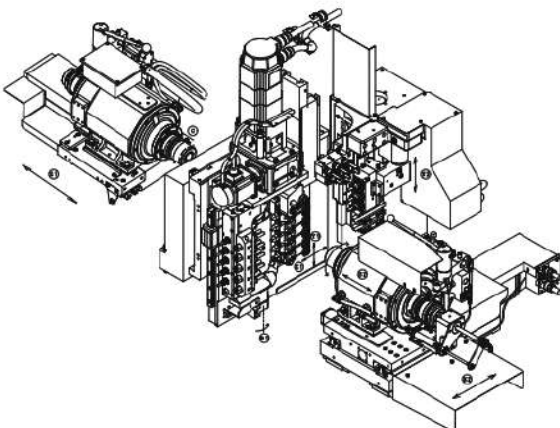
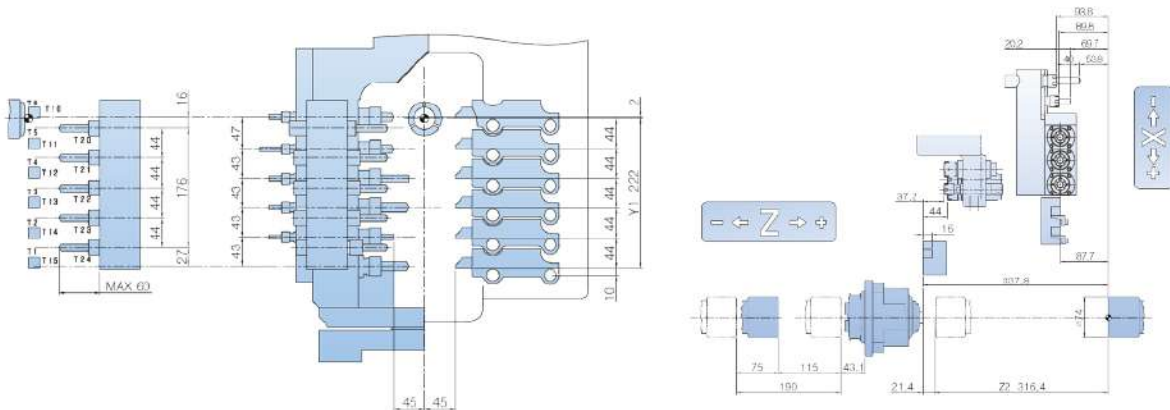


# NN-32YB3XB

-  **Main and B axis control**  
- Angle partition machining
-  **The best model among equivalent models in high precision and machinability of difficult-to-cut materials**  
- Horizontal tool post  
- Dovetail structure
-  **Specialized for complicated shape parts**  
- Improved Tooling capacity
-  **Minimized heat deformation and vibration**  
- Integrated casting bed



## TOOL Layout



Feed	Unit	Z1	X1	Y1	Z2	X2	Y2
Feed distance	mm	190	96	222	316.4	184	265
Rapid feed rate	m/min	28	20	28	28	25	28

Tools		Unit	NN-32YB3XB	Remarks	
Max. number of tools		EA	39		
Main	O.D. tool	EA	6	□16	
	I.D. tool	Front	EA	6	ER20X1,ER16X5
		Rear(OP)	EA	6	ER20X1,ER16X5
	Cross drill (Baxis)	Front	EA	5	ER20
Rear(OP)		EA	5	ER11	
SUB	O.D. tool	EA	2	□16	
	I.D. tool	EA	3	ER16	
	Eccentric tool	EA	3	ER16	
	Cross drill	EA	3	ER16	

# NN-32YB3XB Specifications



Content	Specification	Specification Value	
Machining capacity	Max. machining diameter	Φ32mm	
	Max. machining length	190mm /1chuck	
	Max. parts unloading length	93mm	
Spindle	Main spindle through-hole diameter	Φ37mm	
	Spindle RPM (Main/Sub)	Max. 8,000rpm	
	Sub spindle chucking diameter	Φ32mm	
Tool	Type	Max. number of tools	39
		Max. machining drill	Φ13mm
		Max. machining tap	M10
	Main	O.D. tool	6 (□16X150mm max)
		I.D. tool	6 (ER16X5+ER20X1) (OP : Rear 6)
		Cross drill (B axis)	Front 5 (ER20X5) + Rear 5 (ER11X5)
		Cross drill RPM	Max. 6,000rpm
	SUB	O.D. tool	2 (□16X150mm max)
		I.D. tool	3 (ER16)
		Eccentric tool	3 (ER16)
		Cross drill	3 (ER16)
		Cross drill RPM	Max. 6,000rpm
Feed	Rapid feed rate	X1 : 20/min X2 : 25m/min Z1,Z2,Y1,Y2 : 28m/min	
	Min. command unit	0.0001mm	
	C-axis min. command unit (Main/Sub)	0.0001°	
Motor	Main spindle motor	5.5/3.7kW	
	Cross drill motor	1.5kW	
	Sub spindle motor	3.7/1.5kW	
	Sub cross drill motor	1.5kW	
	X1,Y1,Z1,X2,Y2,Z2 axis feed motor	1.0kW	
	Coolant pump (Main/Sub)	0.25kW x 2	
	Lubricant pump	0.003kW	
Dimensions and etc.	Main spindle center height	1,000mm	
	Input power capacity	25KVA	
	Air pressure/Flow rate	0.6MPa. 20L/min	
	Coolant tank	100L	
	WxDxH	2,278 x 1,656 x 1,990 mm	
	Weight (Standard accessories included)	3,050kg	
NC	NC (Mitsubishi)	M80 Type A	
	NC display	10.4 Color TFT LCD	
	Memory capacity	500KB	
	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
Levelling pad
Three-color warning light
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 Φ27mm)
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

