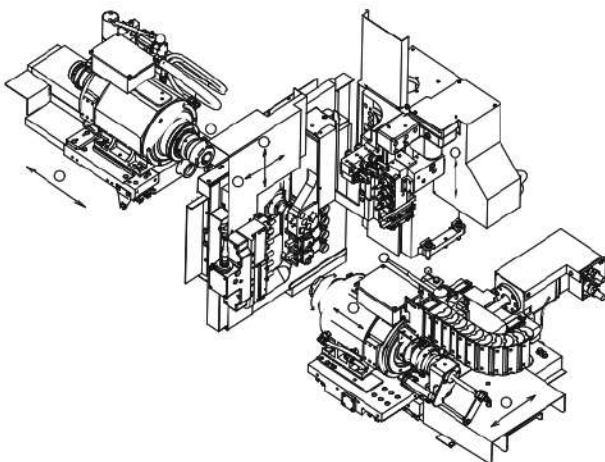
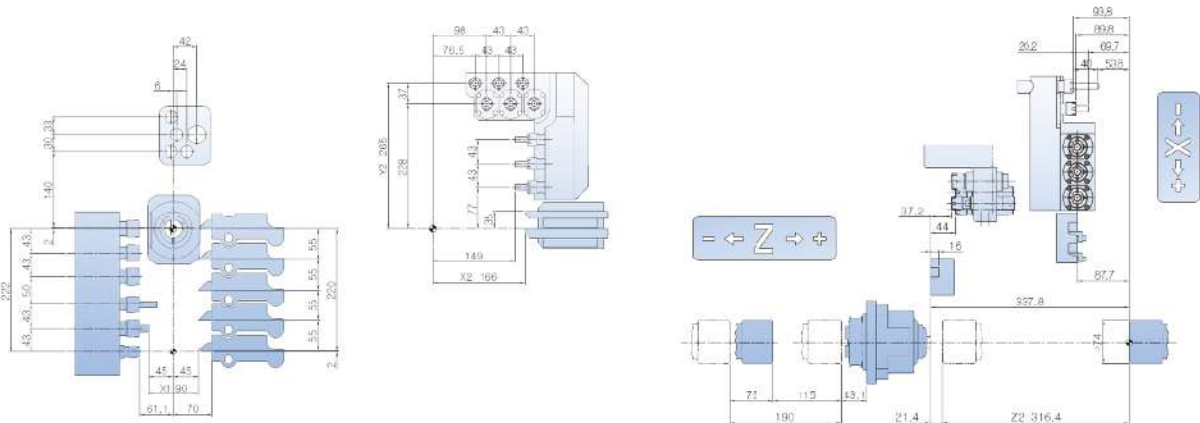


NN-32YB3

-  **Back tool stand, best tool capacity**
-  **The best model among equivalent models in high precision and machinability of difficult-to-cut materials**
 - Horizontal tool post
 - Dovetail structure
-  **Appropriate for complex shape machining**
 - Improved Tooling capability
-  **Minimized heat deformation and vibration**
 - Intergrated casting bed



TOOL Layout



Feed	Unit	Z1	X1	Y1	Z2	X2	Y2
Feed distance	mm	190	96	223	316.4	184	265
Rapid feed rate	m/min	36	36	36	36	36	36

Tools		Unit	NN-32YB3	Remarks	
Max. number of tools		EA	30		
Main	O.D tool	EA	5	□16	
	I.D. tool	Front	EA	4	ER20X1,ER16X3
		Rear(OP)	EA	4	ER20X1,ER16X3
Cross drill	EA	6	ER20X6		
SUB	O.D tool	EA	2	□16	
	I.D. tool	EA	3	ER16	
	Eccentric tool	EA	3	ER16	
	Cross drill	EA	3	ER16	

NN-32YB3 Specifications

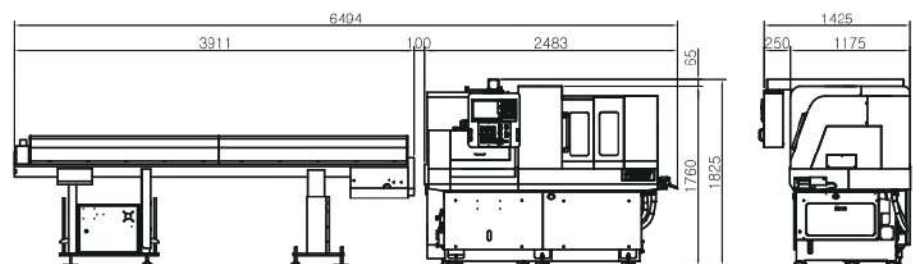


Content		Specification	Specification Value
Machining capacity		Max. machining diameter	Φ32mm
		Max. machining length	190mm /1chuck
		Max. parts unloading length	93mm
Spindle		Main spindle through-hole diameter	Φ37mm
		Spindle RPM (Main/Sub)	Max. 8,000rpm
		Sub spindle chucking diameter	Φ32mm
Tool	Type	Max. number of tools	30
		Max. machining drill	Φ13mm
		Max. machining tap	M10
	Main	O.D. tool	5 (□16X150mm max)
		I.D. tool	4 (ER16X3+ER20X1) (OP : Rear4)
		Cross drill	6 (ER20x6)
		Cross drill RPM	Max. 6,000rpm
		O.D. tool	2 (□16X150mm max)
		I.D. tool	3 (ER16)
	SUB	Eccentric tool	3 (ER16)
		Cross drill	3 (ER16)
		Cross drill RPM	Max. 6,000rpm
Feed		Rapid feed rate	36m/min
		Min. command unit	0.0001mm
		C-axis min. command unit (Main/Sub)	0.0001°
Motor		Main spindle motor	5.5/3.7Kw(Mitsubishi) / 7.5/5.5kW(Fanuc)
		Cross drill motor	1.5kW(Mitsubishi) / 1.0kW(Fanuc)
		Sub spindle motor	3.7/1.5kW(Mitsubishi)/ 5.5/2.2kW(Fanuc)
		Sub cross drill motor	1.5kW(Mitsubishi) / 1.0kW(Fanuc)
		X1,Y1,Z1,X2,Y2,Z2 axis feed motor	1.0kW(Mitsubishi) / 1.4kW(Fanuc)
		Coolant pump (Main/Sub)	0.25kW x 2
Dimensions and etc.		Lubricant pump	0.003kW
		Main spindle center height	1,000mm
		Input power capacity	25KVA
		Air pressure/Flow rate	0.6MPa. 20L/min
		Coolant tank	100L
		WxDxH	2,483 x 1,425 x 1,825 mm
NC		Weight (Standard accessories included)	3,030kg
		NC (Mitsubishi/Fanuc)	M80 Type A / Oi TF (Fanuc)
		NC display	10.4 Color TFT LCD
		Memory capacity	500KB(Mitsubishi) / 1MB(Fanuc)
		No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)
		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
NC (Fanuc Oi-TF)
E3 UNIT
Cross drill X 7
O.D. tool X 6
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



NN-32YB3