


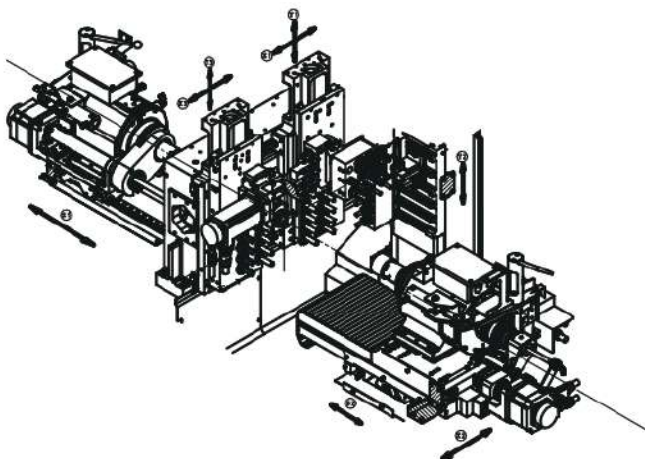
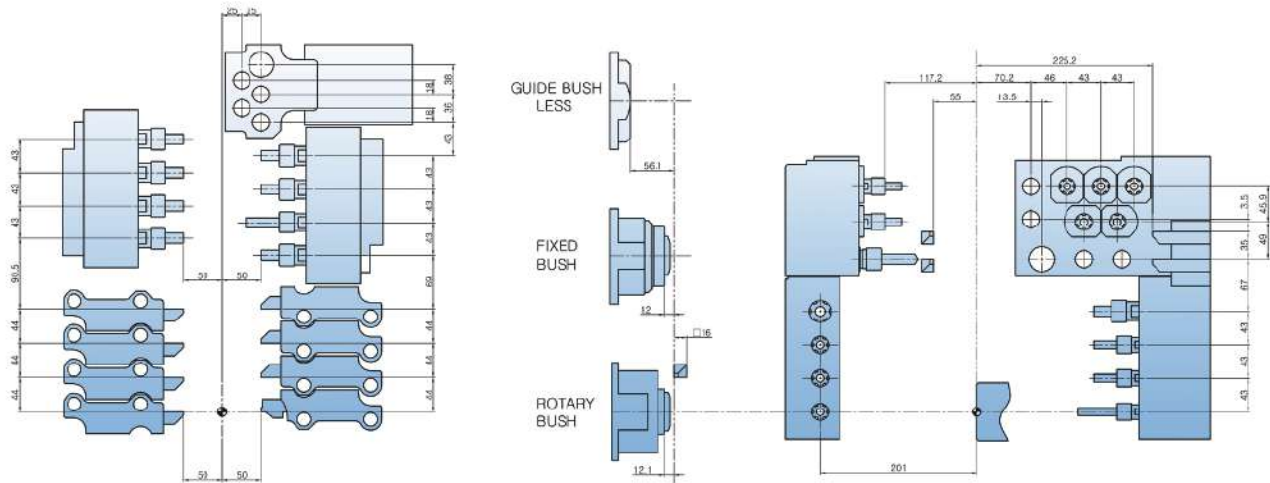


NN-32DB

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Flagship machine specialized for difficult parts to cut
 -Opposite type tool layout
 -Balance O,D cutting
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Best tool layout among equivalent models
 -Increased tooling
 -Minimized C/T
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Minimized thermal deformation and vibration
 -Integrated casting bed
 -Dovetail structure



TOOL Layout



Feed	Unit	Z1	X1	Y1	Z2	X2	Y2	X3	Y3
Feed distance	mm	300	54	451	369	227	293	54	451
Rapid feed rate	m/min	28	20	28	28	28	28	20	28

Tools	Unit	NN-32DB		Remarks
		Standard		
Max. number of tools	EA	36		
Main	O.D. tool	EA	8	□16x4x2
	I.D. tool	EA	5	(ER20x1)+(ER16x4)
	Cross drill	EA	8	(ER20x4x2)
SUB	O.D. tool	EA	2	(□16x2(3))
	I.D. tool	EA	4	(ER20x1)+(ER16x3(4))
	Eccentric+Cross	EA	9	(ER16x5)+(ER20x1+ER16x3)

Content	Specification	Specification Value	
		NN-32DB	
Machining capacity	Max. machining diameter	Φ32mm	
	Max. machining length	FB330mm/ RB300mm	
	Max. parts unloading length	100mm	
Spindle	Main spindle through-hole diameter	Φ34mm	
	Spindle RPM (Main/Sub)	Max.8,000rpm	
	Sub spindle chucking diameter	Φ32mm	
Tool	Type	Type	Standard
		Max. number of tools	36
		Max. machining drill	Φ10mm
		Max. machining tap	M8
	Main	O.D. tool	8 (□16x4x2)
		I.D. tool	5 (ER20x1)+(ER16X4)
		Cross drill	8(ER20x4x2)
		Cross drill RPM	6,000rpm
	SUB	O.D. tool	2 (□16x2(3))
		I.D. tool	4(ER20x1)+(ER16x3(4))
I.D. rotary tool		9 (E5x5)+(C.5x4) (ER16x5)+(ER20x1+ER16x3)	
Cross drill RPM		6,000rpm	
Feed	Rapid feed rate	(Z1,Y1,Y3,Z2,X2,Y2)28m/min (X1,X3)20m/min	
	Min. command unit	0.0001mm	
	C-axis min. command unit (Main/Sub)	0.0001°	
Motor	Main spindle motor	7.5/3.7kW	
	Cross drill motor	1.5kW	
	Sub spindle motor	7.5/3.7kW	
	Sub rotary motor	1.5kW	
	X1,Y1,Z1,X3,Y3 axis feed motor	1.0kW	
	X2,Y2,Z2 axis feed motor	1.0kW	
	Coolant pump (Main/Sub)	0.25kW	
	Lubricant pump	0.003kW	
Dimensions and etc.	Main spindle center height	1,060mm	
	Input power capacity	17KVA	
	Air pressure/Flow rate	0.6MPa.20L/min	
	Coolant tank	205L	
	WxDxH	3,005X1,310X2,015mm	
	Weight (Standard accessories included)	3,850kg	
NC	NC (Mitsubishi)	M830S	
	NC display	15" Color LCD	
	Memory capacity	500KB(Mitsubishi)	
	No. of tool offset	333sets(Mitsubishi)	
	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
Coolant flow detector
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
Tool presetter
Tool air blow
Rear ejection unit
Spindle tube liner for small parts
Chip conveyor & Chip box
Medium pressure coolant
Custom colors
Tooling

FLOOR Layout

