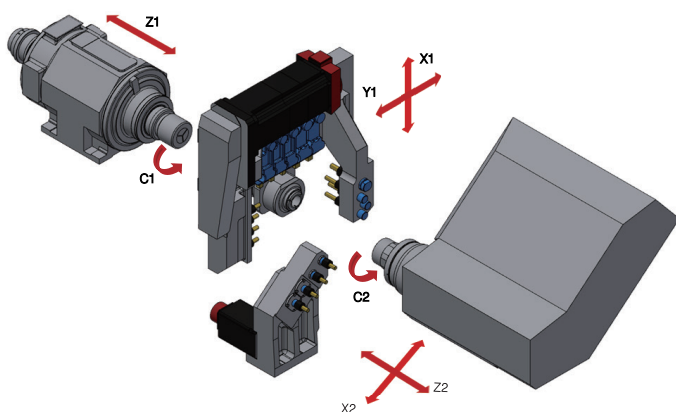
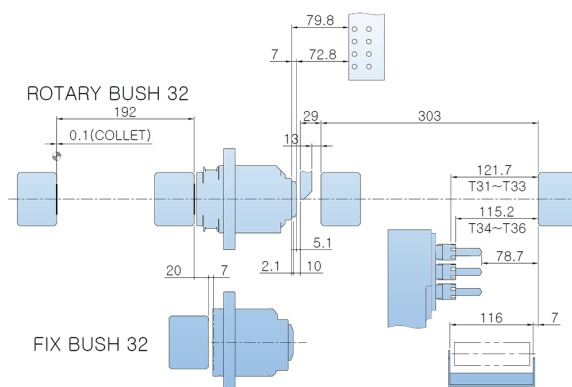


NOMURA DS

A large industrial CNC lathe machine, model AX-5000, with a blue and white body and a control panel featuring a screen and buttons. The machine is shown from a side profile, highlighting its complex structure and the integrated control system.

- Compact tool layout for efficient movement
- Horizontal tool post, dovetail structure
- Reasonably priced
- Comes standard with Micro Vibrational Technology (MVT)



Feed	Unit	Z1	X1	Y1	Z2	X2
Feed Distance	mm (in)	192 (7.56)	135 (5.31)	275 (10.83)	302 (11.89)	235 (9.25)
Rapid Feed Rate	mm/min	30	30	30	30	30

Tools		Unit	NN-32UB8			Remarks
			Standard	K	K2	
Max number of tools		EA	21		23	
Main	O.D tool		EA	5		□ 12.7X3, □ 16X2,
	I.D. tool	Front	EA	4		ER20X1, ER16X3
		Rear (OP)		4		ER20X1, ER16X3
	Cross drill		EA	4		ER16
Sub	O.D tool		EA	1	-	□ 10
	I.D. tool		EA	3	2	ER16
	Eccentric tool		EA	-	2	ER16

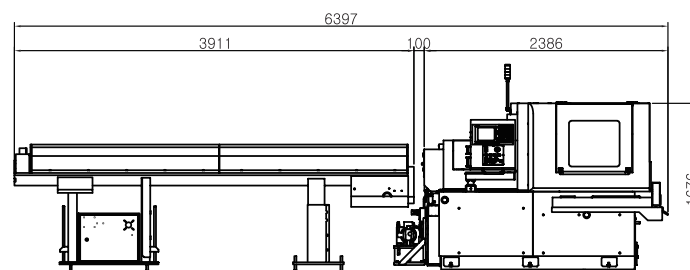
NN-32UB8 Specifications

Content		Specification	Specification Value		
			32UB8		
Machining capacity		Max. machining diameter	Φ32mm		
		Max. machining length	190mm / 1 chuck		
		Max. parts unloading length	93mm		
Spindle		Main spindle through-hole diameter	Φ37mm		
		Spindle RPM (Main/Sub)	8,000rpm/6,000rpm		
		Sub spindle chucking diameter	Φ32mm		
Tool	Type	Type	Standard	K	K2
		Max. number of tools	21(OP : 22)		23(OP : 24)
		Max. machining drill	Φ10mm		
		Max. machining tap	M8		
	Main	O.D. tool	5 (□12.7x3+□16X2X150mm)		
		I.D. tool	4 (ER16X3+ER20X1) (OP : Rear 4)		
		Cross drill	4 (ER16) (OP : 5)		
		Cross drill RPM	6,000rpm		
	SUB	O.D. tool	1 (□10)	-	-
		I.D. fixed tool	3 (ER16)	2 (ER16)	3 (ER16)
		I.D. rotary tool	-	2 (ER16)	3 (ER16)
		Feed		Rapid feed rate	30m/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) / 2.2/1.5kW(Fanuc)		
		Sub rotary motor	0.9kW(Mitsubishi) / 1.0kW(Fanuc)		
		Coolant pump (Main/Sub)	0.25kW		
		Lubricant pump	0.003kW		
		Dimensions and etc.		Main spindle center height	1,000mm
Input power capacity	20KVA				
Air pressure/Flow rate	0.6MPa.45L/min				
Coolant tank	125L				
WxDxH	2,386 x 1,109 x 1,676mm				
Weight (Standard accessories included)	2,450kg				
NC		NC UNIT	M80 Type A(Mitsubishi) / Oi-TF Plus(Fanuc)		
		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)		

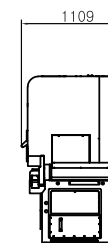
Standard Accessories
I.D. tool device
Cross drill unit
Manual pulse generator(MPG)
Coolant unit
Rotary guide bush
Drill holder
Tool holder
Main : Chuck sleeve /Spring/Spindle cap(1set)
Sub : Chuck sleeve /Spring/Spindle cap(1set)
Automatic power turn-off device
Automatic oiling device
Coolant pump (Main/Sub)
Coolant flow detector
Overload detection function
Door interlock switch
Working light(LED)
Parts conveyor
Levelling pad
Three-color warning light
Display language (ENG/CHN/KOR/ETC)
Cut-off detector

Optional Accessories
Cross drill x 5
E3 UNIT
Long drill holder
Fixed guide bush
Tap breakage detector
Tool presetter
Tool air blow
Rear ejection unit
Spindle tube liner for small parts
Chip conveyor & Chip box
Medium pressure coolant
Oil mist collector
Custom colors
Tooling

Floor Layout



NN-32UB8



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