

English

Auto lathe maker with 70 years of tradition

# **NOMURADS**

Swiss Type CNC Automatic Lathe  
**NN-32UB8**



# NN-32UB8

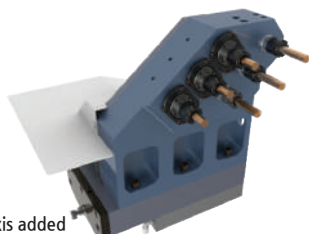
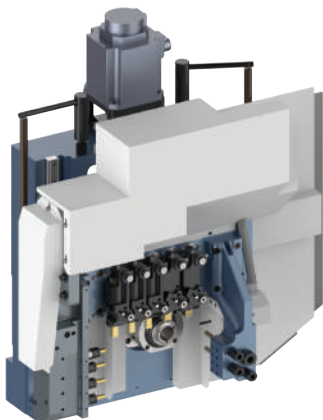
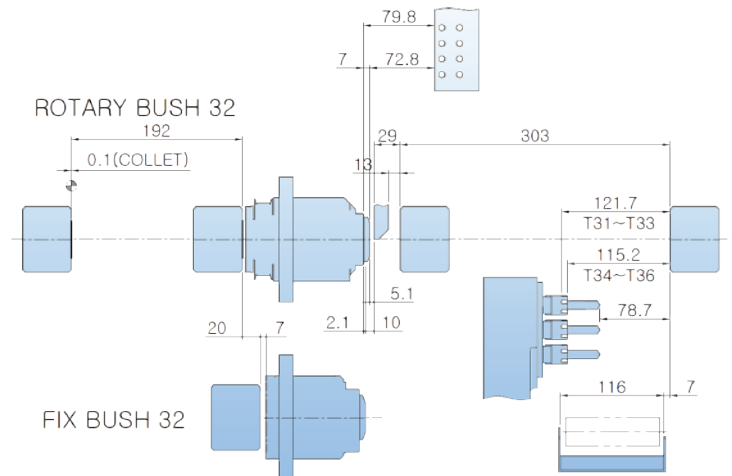
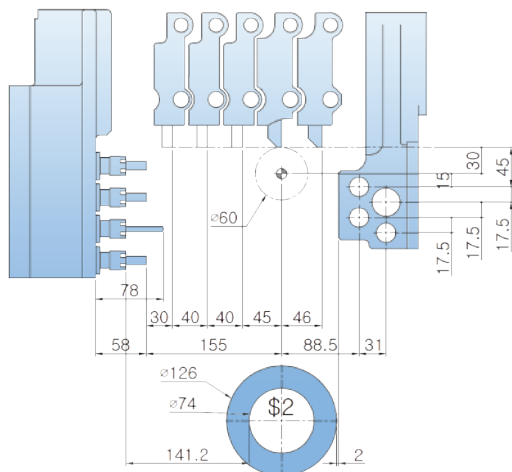
**The best selling model**  
 - Horizontal tool post  
 - Dovetail structure

**Efficient tool layout**  
 - Shortened cycle time

**High efficiency, reasonable price**



## Tool Layout



K2 type  
 Hydraulic feed axis added

### \$1(Main)

Tool name	Standard Size	Equipment
O.D. Tool	□12.7 x 3+□16x2	Standard
I.D. Tool	ER16x3 + ER20x1	Standard
Cross Drill	ER16 x 4	Standard



3-spindle drilling unit  
 (E3 unit - Option)  
 for eccentric machining

### \$2(Sub)

Tool name	K2 type (STD)
I.D. Tool	ER16 x 3
I.D. Rotary Tool	ER16 x 3



has been manufacturing swisstype auto lathe for the last 70 years. When you choose NOMURA, you will have high precision, durability and innovation for your production.



- Headquarters
- Overseas Offices
- Overseas Partners



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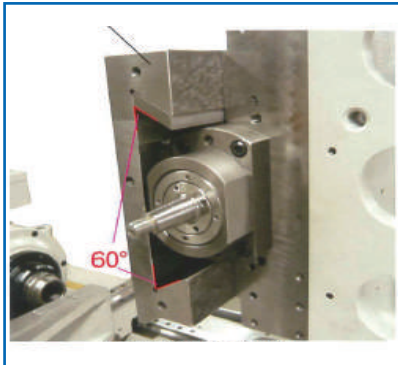
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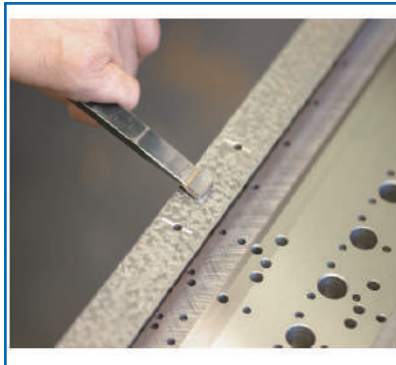
## NOMURADS

### Dovetail structure



The rigidity of NOMURA DS machine is enhanced as its structure contacts the surface of both sides.

### Hand scraping



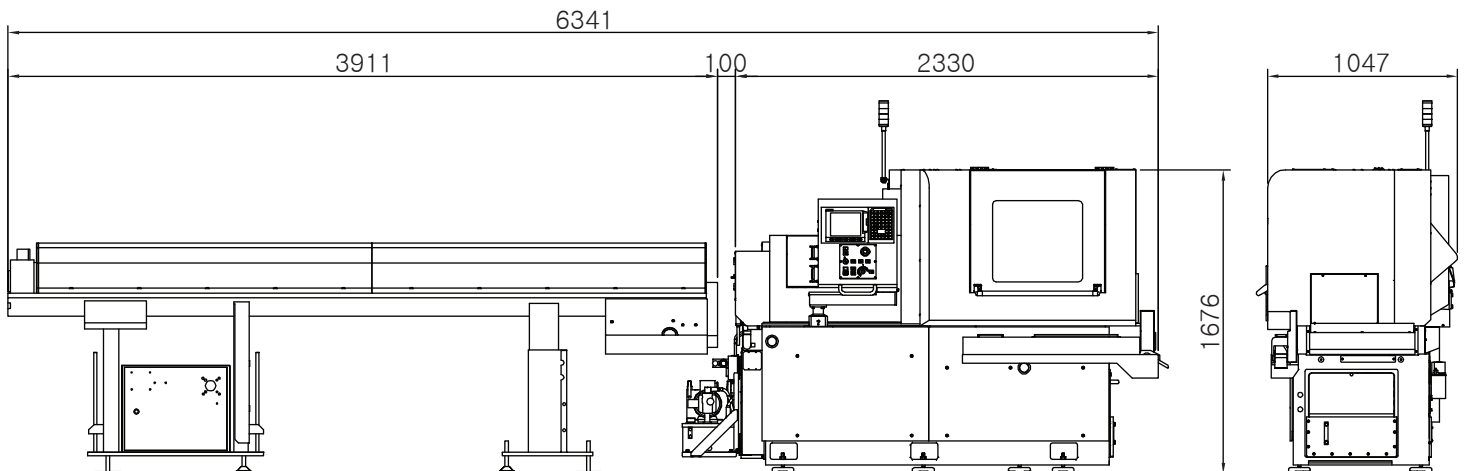
The weighty tool post is glided smoothly by our master artisans and high precision is enhanced as the result.

### Integrated casting bed



Machine vibrations is absorbed and machining tolerance affected by the temperature change of cutting oil can be minimized as temperature turning is enacted with coolant tank located in the casting bed.

## FLOOR Layout



# NN-32UB8 Specifications

Content	Specification	Specification Value	Standard Accessories
		32UB8K2	
Machining capacity	Max. machining diameter	Φ32mm	I.D. tool unit
	Max. machining length	190mm / 1chuck	Cross drill unit
	Max. parts unloading length	93mm(N:80mm)	Manual pulse generator(MPG)37P
Spindle	Main spindle through-hole diameter	Φ34mm	Main coolant unit
	Spindle rpm (Main/Sub)	Max.8,000rpm/6,000rpm	Rotary guide bush
	Sub spindle chucking diameter	Φ32mm	Tool holder
Tool	Max. number of tools	23	Drill holder
	Max. machining drill	Φ10mm	Main : Chuck sleeve /Spring/Spindle cap(1set)
	Max. machining tap	M8	Sub : Chuck sleeve /Spring/Spindle cap(1set)
Main	O.D. tool	5 (□12.7x3+□16X2X150mm max)	Automatic power turn-off device
	I.D. tool	4 (ER16X3+ER20X1)	Automatic oiling device (level detector attached)
	Cross drill	4 (ER16)	Cutting oil device
	Cross drill rpm	Max. 6,000rpm	Coolant failure detector
SUB	I.D. tool	3 (ER16)	Overload detection function
	I.D. rotary tool	3 (ER16)	Door interlock switch
Feed	Rapid feed rate	X1, X2, Y1 : 30/min Z1, Z2, : 28m/min	Working light (LED)
	Min. command unit	0.0001mm(Mitsubishi) / 0.001mm(Fanuc)	Parts conveyor
	C axis Min. command unit (Main, Sub)	0.0001°(Mitsubishi) / 0.001°(Fanuc)	Levelling pad
Motor	Main spindle motor	5.5/3.7kW(Mitsubishi) / 5.5/3.7kW(Fanuc)	Signal warning light - 3 stage
	Cross drill motor	1.5kW(Mitsubishi) / 1.0kW(Fanuc)	Display language (CHN/ENG/FRA/GER/ITA/JPN/KOR/POL/RUS/SPA)
	Sub spindle motor	3.7/1.5kW(Mitsubishi) / 3.7/2.2kW(Fanuc)	<b>Optional Accessories</b>
	\$2 rotary motor	0.9kW(Mitsubishi) / 1.0kW(Fanuc)	5-spindle cross drilling unit
	Y1,X2,Z2 axis feed motor	0.5kW(Mitsubishi) / 1.4kW(Fanuc)	3-spindle drilling unit (E3 Unit)
	X1,Z1 axis feed motor	1.0kW(Mitsubishi)/ 1.4kW(Fanuc)	Long drill holder
	Coolant pump (Main, Sub)	0.25kW	Fixed guide bush
	Lubricant pump	0.003kW	Tap breakage detector
Dimensions and etc.	Main spindle center height	1,000mm	Tool presetter
	Input power capacity	12KVA	Tool air blow
	Air pressure, flow rate	0.6MPa.20L/min	Rear ejection unit (Φ24 or less)
	Coolant tank	110L	Spindle tube liner for small part
	WxDxH	2,330 x 1,047 x 1,676mm	Large-sized lubricant pump 1.8ℓ
	Weight (Options included)	2,350kg	Chip conveyor & Chip box
NC	NC(MITSUBISHI/FANUC)	M70V Type A / Oi TF (Fanuc)	Medium / High pressure coolant
	NC display	8.4 Color TFT LCD	Automatic fire extinguisher
	Memory capacity	500KB(Mitsubishi) / 1MB(Fanuc)	Oil mist collector
	Number of tool offset	80sets(Mitsubishi) / 128sets(Fanuc)	Custom colors
	Background edit function		Tooling
	C axis function (Main, Sub spindle)		
	User macro function		
	Nose R compensation		
	Corner chamfering /Corner rounding		
	Fixed cycle		
	Complex fixed cycle		
	Geometric commands		
	Controller manual		
Serial in / Output interface			
CF card / USB interface			

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