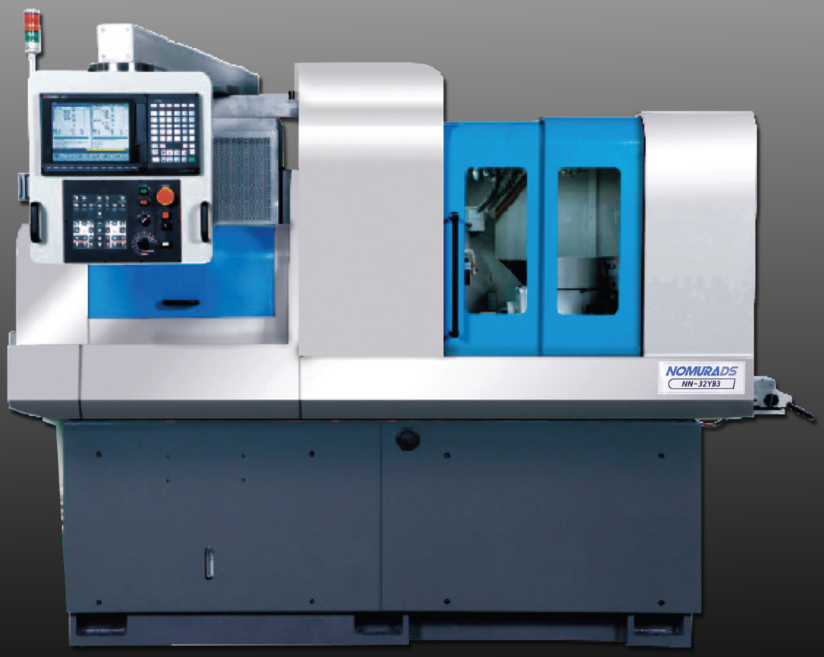
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Known world-wide for extreme rigidity and process stability

NOMURA SWISS®

Swiss Type CNC Automatic Lathe

NN-32YB3



CNC AUTOMATIC LATHE

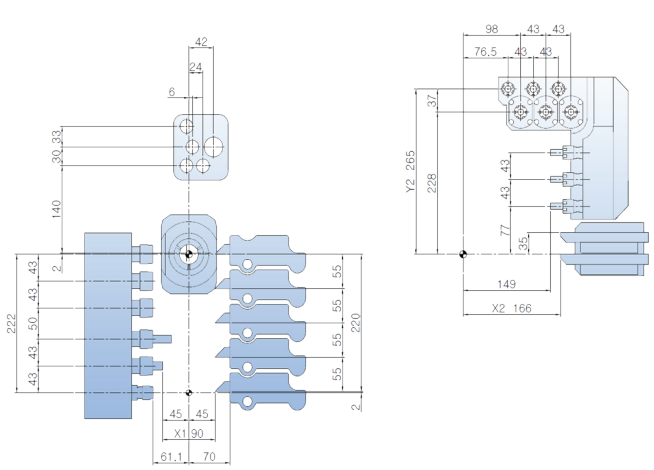
NN-32YB3

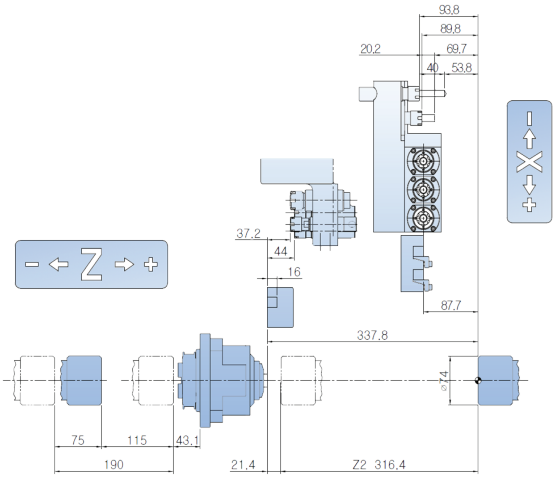


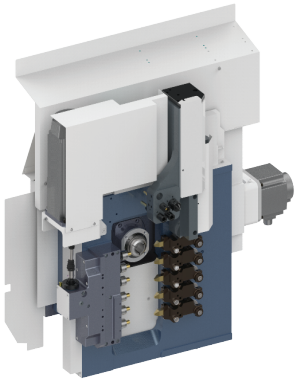
- **Back tool stand, best tool capacity**
- **The best model among equivalent models in high precision and machinability of difficult-to-cut materials**
  - Horizontal tool post
  - Dovetail structure
- **Appropriate for complex shape machining**
  - Improved tooling capability
- **Minimized thermal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

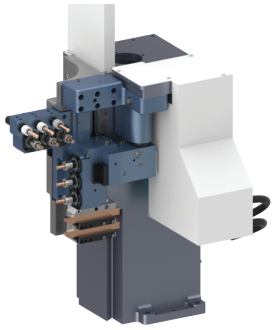
TOOL LAYOUT

TOOL LAYOUT









$1 (Main)

Tool name	Size	Equipment
O.D. Tool	□16.0 x 5	Standard
I.D. Tool	ER-20 x 1/ER16 x 3	Standard
Cross Drill	ER20 x 6	Standard

$2 (Sub)

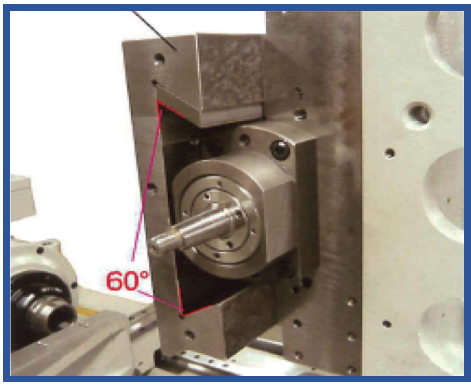
Tool name	Size	Equipment
O.D. Tool	□16.0 x 2	Standard
I.D. Tool	ER16 x 3	Standard
Cross Drill	ER16 x 3	Standard
Eccentric Drill	ER16 x 3	Standard

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DOVETAIL STRUCTURE



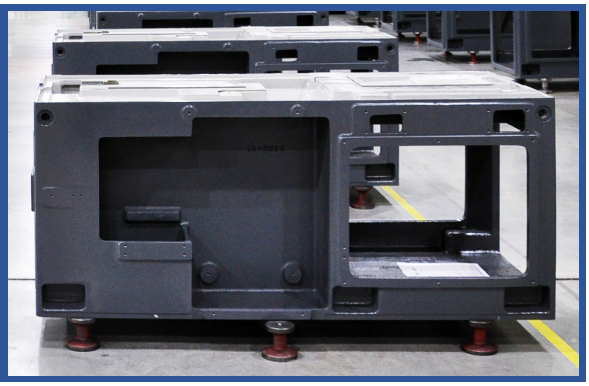
Nomura's world-recognized rigidity is enhanced through the precise contact built into our dovetail structures.

HAND SCRAPPING



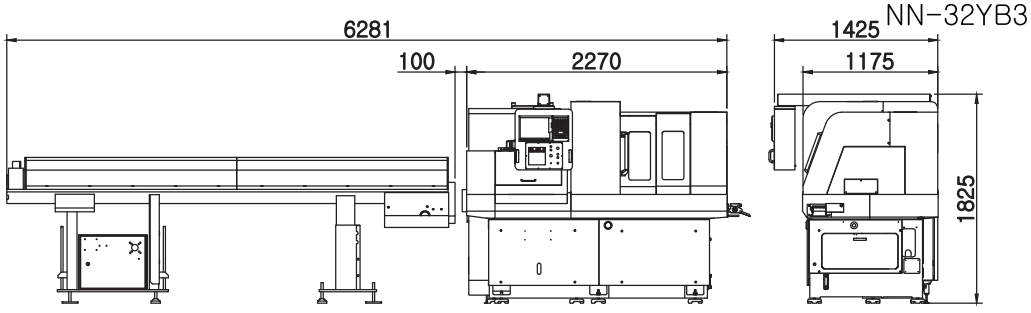
Master artisans painstakingly hand scrap Nomura machine ways for maximum precision and machine longevity

INTEGRATED CASTING BED



Nomura machines are built on a solid cast foundation carefully engineered to absorb machining stresses and tolerance specifications affected by such variables as temperature change.
The coolant tank designed into the casting bed is an excellent example of temperature control.

FLOOR Layout



NN-32YB3 Specifications

Content	Specification	Specification Value	Standard Accessories
Machining capacity	Max. machining diameter	Φ32mm	I.D. tool unit
	Max. machining length	190mm /1chuck	Cross drill unit
	Max. parts unloading length	93mm	Manual pulse generator(MPG)37P
Spindle	Main spindle through-hole diameter	Φ37mm	Coolant unit
	Spindle rpm (Main/Sub)	Max. 8,000rpm	Rotary guide bush
	Sub spindle chucking diameter	Φ32mm	Tool holder
Tool	Max. number of tools	30	Drill holder
	Max. machining drill	Φ13mm	Main : Chuck sleeve /Spring/Spindle cap(1set)
	Max. machining tap	M10	Sub : Chuck sleeve /Spring/Spindle cap(1set)
Main	O.D. tool	5 (□16X150mm max)	Automatic power turn-off device
	I.D. tool	4 (ER16x3 + ER20x1)	Automatic oiling device (level detector attached)
	Cross drill	6 (ER20x6)	Cutting oil device (Main/Sub)
	Cross drill rpm	Max. 6,000rpm	Coolant failure detector
SUB	O.D. tool	2 (□16X150mm max)	Overload detection function
	I.D. tool	3 (ER16)	Door interlock switch
	I.D. eccentric	3 (ER16)	Working light (LED)
	Cross drill	3 (ER16)	Parts conveyor
	Cross drill rpm	Max. 6,000rpm	Levelling pad
Feed	Rapid feed rate	36m/min	Signal warning light - 3 stage
	Min. command unit	0.0001mm	Display language (CHN/ENG/FRA/GER/ITA/JPN/KOR/POL/RUS/SPA)
	C axis Min. command unit (Main, Sub)	0.0001°	**Optional Accessories**
Motor	Main spindle motor	5.5/3.7Kw(Mitsubishi) / 7.5/5.5kW(Fanuc)	Fanuc Oi-TF
	Cross drill motor	1.5kW(Mitsubishi) / 1.0kW(Fanuc)	E3 UNIT
	Sub spindle motor	3.7/1.5kW(Mitsubishi)/ 5.5/2.2kW(Fanuc)	7-spindle cross drilling unit
	$2 cross drill motor	1.5kW(Mitsubishi) / 1.0kW(Fanuc)	O.D. tool post (6 holes)
	X1.Y1,Z1,X2.Y2.Z2 axis feed motor	1.0kW(Mitsubishi) / 1.4kW(Fanuc)	Long drill holder
	Coolant pump (Main, Sub)	0.25kW x 2	Fixed guide bush
	Lubricant pump	0.003kW	Tap breakage detector
Dimensions and etc.	Main spindle center height	1,000mm	Tool presetter
	Input power capacity	15KVA	Tool air blow
	Air pressure, flow rate	0.6MPa. 20L/min	Rear ejection unit (Φ27mm or less)
	Coolant tank	100L	Spindle tube liner for small part
	WxDxH	2,270x1,425x1,825 mm	Large-sized lubricant pump 1.8ℓ
	Weight (Options included)	3,030kg	Chip conveyor & Chip box
NC	NC(MITSUBISHI/FANUC)	M70V Type A / 0i TF (Fanuc)	Medium / High pressure coolant
	NC display	10.4 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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