

English

Auto lathe maker with 70 years of tradition

NOMURADS

Swiss Type CNC Automatic Lathe

NN-10EX2

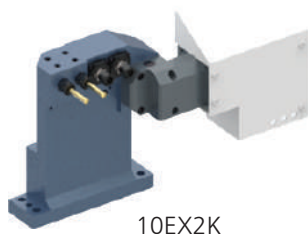
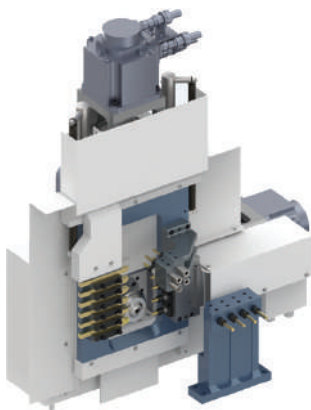
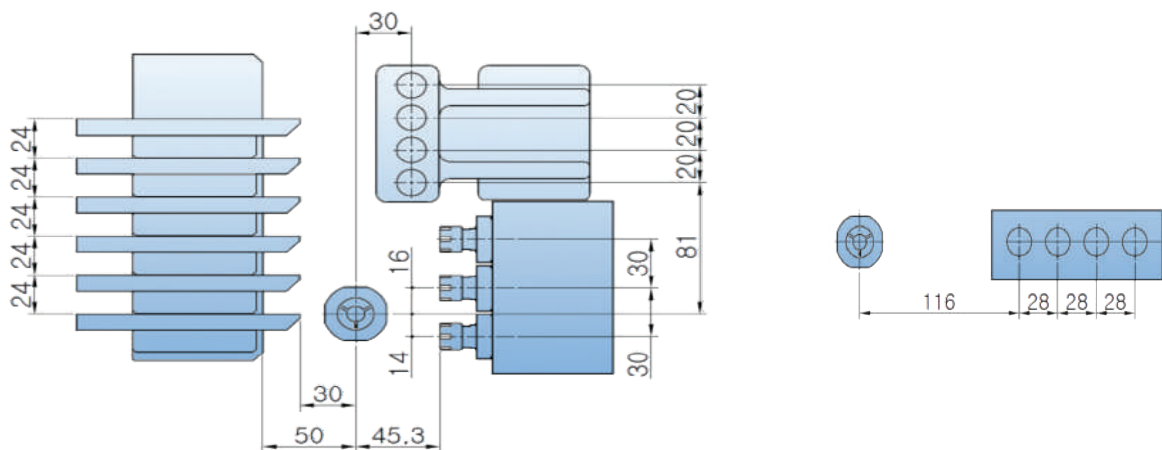


NN-10EX2

- Specialized for high-precision and complicated machining under $\Phi 10$
- Improved productivity (Shortened cycle time)
- Built-in Main & Sub
- The latest NC "MITSUBISHI M80"
- MITSUBISHI M80



Tool Layout



\$1(Main)

Tool name	Size	Equipment
O.D. Tool	$\square 10 \times 6$	Standard
I.D. Tool	ER11 x 4	Standard
Cross Drill	ER11 x 4	Standard

\$2(Sub)

10EX2

Tool name	Size	Equipment
I.D. Tool	ER11 x 4	Standard

10EX2K

Tool name	Size	Equipment
I.D. Tool	ER11 x 2	Standard
Cross Drill	ER11 x 2	Standard



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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Hand scraping



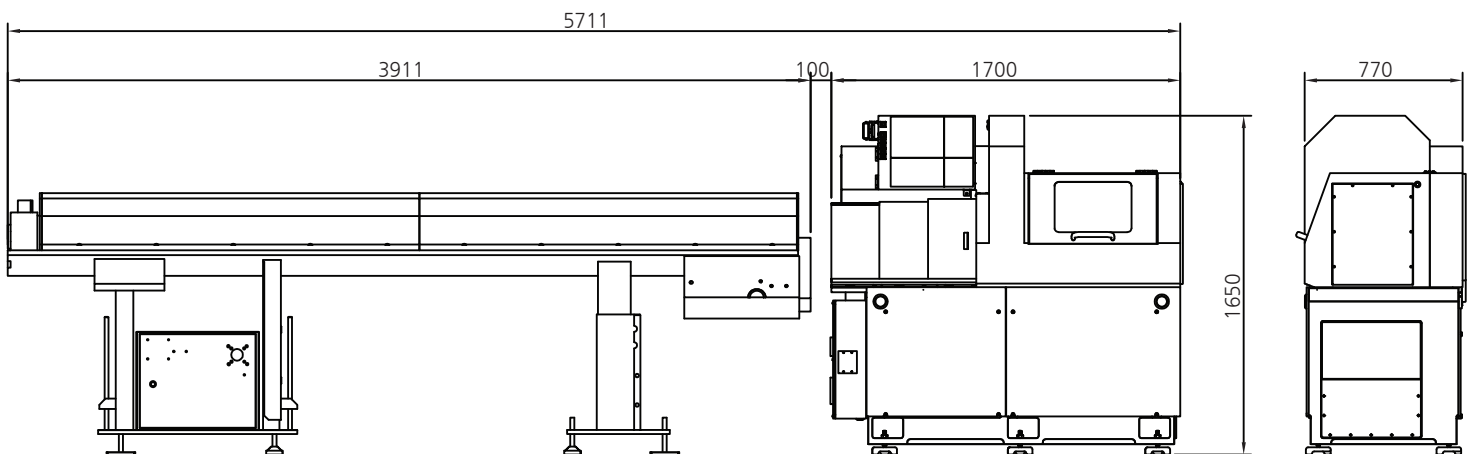
The weighty tool post is glided smoothly by our master artisans and high precision is enhanced as the result.

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-10EX2 Specifications

Content	Specification	Specification Value	Standard Accessories
Machining capacity	Max. machining diameter	Φ10mm	I.D. tool unit
	Max. machining length	RB : 110mm / 1chuck FB : 135mm / 1chuck	Tool holder
	Max. parts unloading length	50mm	Rotary guide bush
Spindle	Main spindle through-hole diameter	Φ13mm	Rotary guide bush drive unit
	Spindle rpm (Main/Sub)	Max. 15,000rpm/15,000rpm	Drill holder
	Sub spindle chucking diameter	Φ10mm	Main : Chuck sleeve /Spring/Spindle cap(1set)
Tool	Max. number of tools	22	Sub : Chuck sleeve /Spring/Spindle cap(1set)
	Max. machining drill	Φ7mm	Automatic power turn-off device
	Max. machining tap	M6	Automatic oiling device (level detector attached)
Main	O.D. tool (□10x130mm or less)	6	Cutting oil device
	I.D. tool (ER11)	4	Coolant failure detector
	Cross drill (ER11)	4	Overload detection function
	Cross drill rpm	Max.10,000rpm	Door interlock switch
SUB	I.D. tool	4	Working light (LED)
	I.D. rotary tool		Parts catcher
	Max. frontal hole machining diameter	Φ7mm	Working tools
	Max. frontal tap diameter	M6	Levelling pad
Feed	Rapid feed rate	28m/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	3.7/1.5kW	O.D. tool post (6EA)
	Cross drill motor	0.4kW	3-spindle drilling unit (Eccentric)
	Sub spindle motor	1.1/0.75kW	Long drill holder
	\$2 rotary motor	0.4kW	Fixed guide bush
	Y1,Y1,Z1,Z2 axis feed motor	0.5kW	Tap breakage detector
	Coolant pump (Main, Sub)	0.25kW	Tool air blow
	Lubricant pump	0.003kW	Rear ejection unit (Φ7mm or less)
Dimensions and etc.	Main spindle center height	1,000mm	Spindle tube liner for small part
	Input power capacity	6.8KVA	Large-sized lubricant pump 1.8ℓ
	Air pressure, flow rate	0.6MPa.30L/min	Chip conveyor & Chip box
	Coolant tank	110L	Medium / High pressure coolant
	WxDxH	1,700 x 770 x 1,650mm	Automatic fire extinguisher
	Weight (Options included)	1,500kg	Oil mist collector
NC	MITSUBISHI NC	M80	Custom colors
	NC display	8.4 Color TFT LCD	Tooling
	Memory capacity	500KB	
	Number of tool offset	256sets	



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