

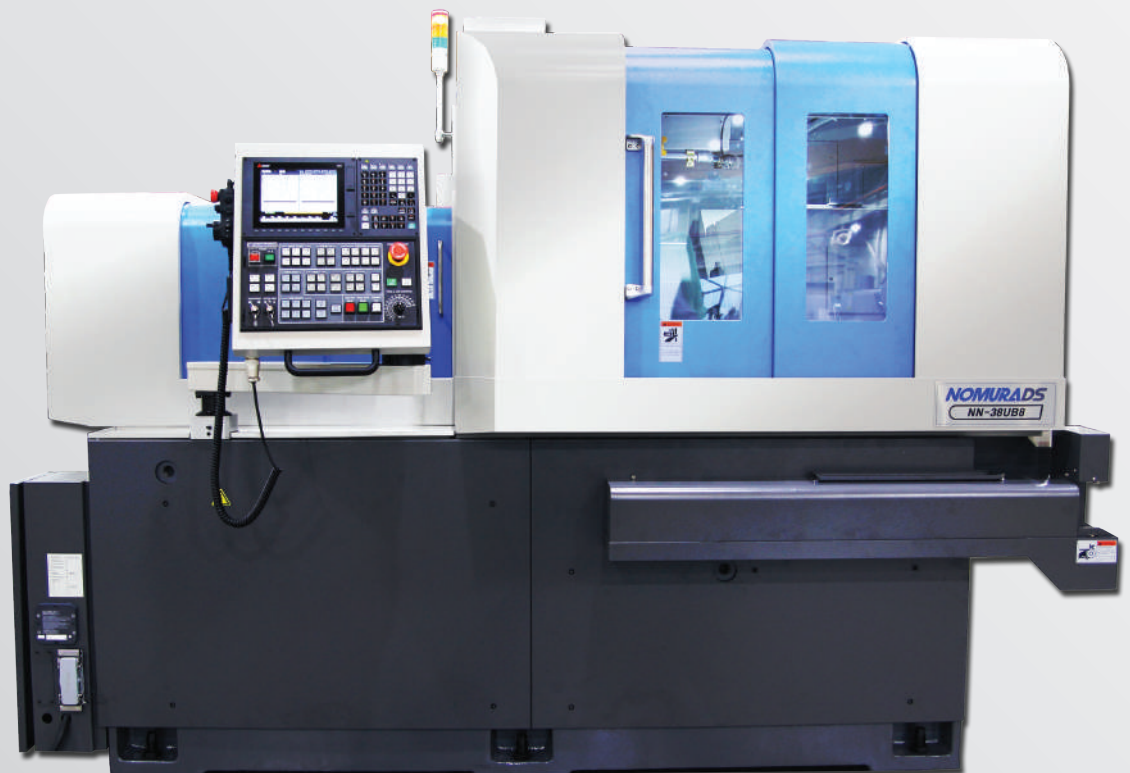
English

Auto lathe maker with 70 years of tradition

NOMURADS

Swiss Type CNC Automatic Lathe

NN-38UB8



NN-38UB8

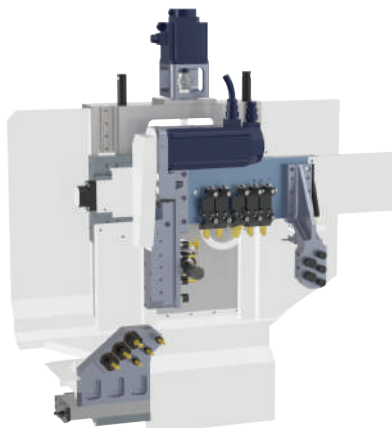
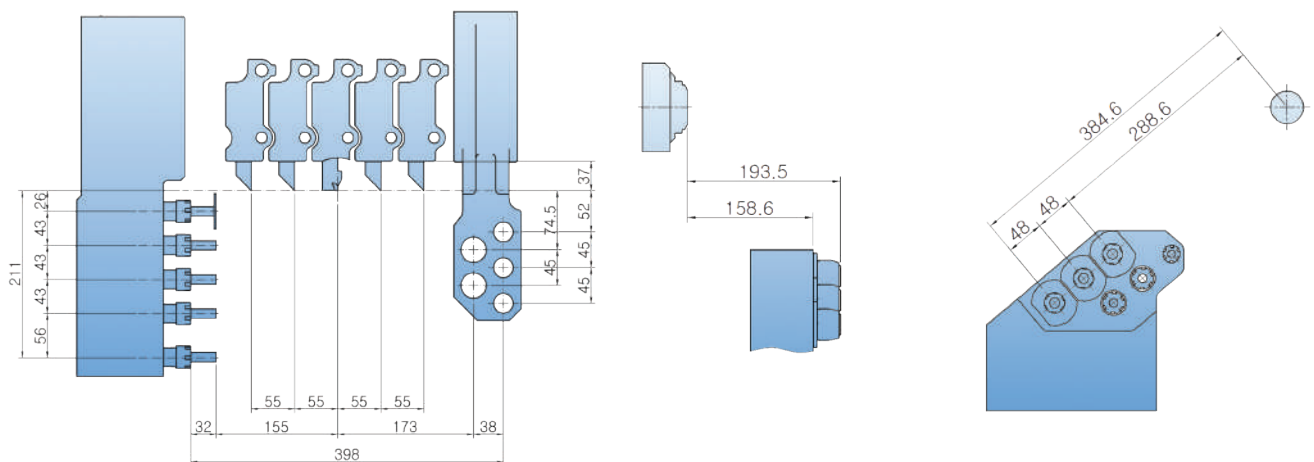
 The latest NC "MITSUBISHI M80"

 **New model**
 - For complicated shape parts
 - Shortened cycle time
 - Long drill

 **Specialized for high-precision parts**
 - Horizontal tool post
 - Dovetail structure

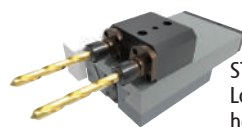


Tool Layout



\$1(Main)

Tool name	Size	Equipment
O.D. Tool	□20 x 5	Standard
I.D. Tool	ER20 x 2 + ER16 x 3	Standard
Cross Drill	ER20 x 5	Standard
Long Drill	ER16 x 2	Standard



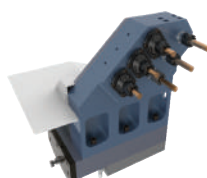
STANDARD
Long drill For deep
hole machining



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

\$2(Sub)

Tool name	K2 Type (STD)
I.D. Tool	ER16 x 1
	ER20 x 2
I.D. Rotary Tool	ER20 x 3



K2 type
Hydraulic feed axis added



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.



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- Overseas Offices
- Overseas Partners



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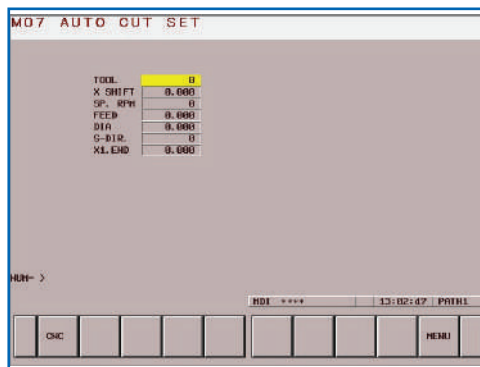
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FANUC Oi TF

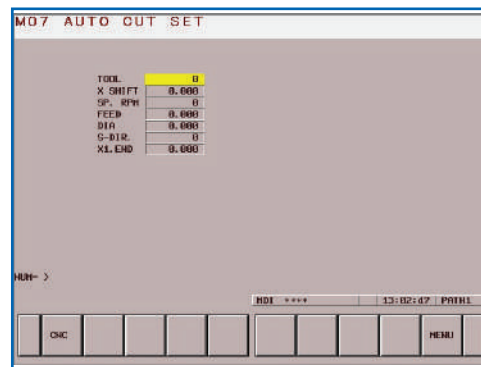


- 10.4" Color LCD
- Slant type for user's convenience
- User-friendly shortcut key

M07 AUTO CUT

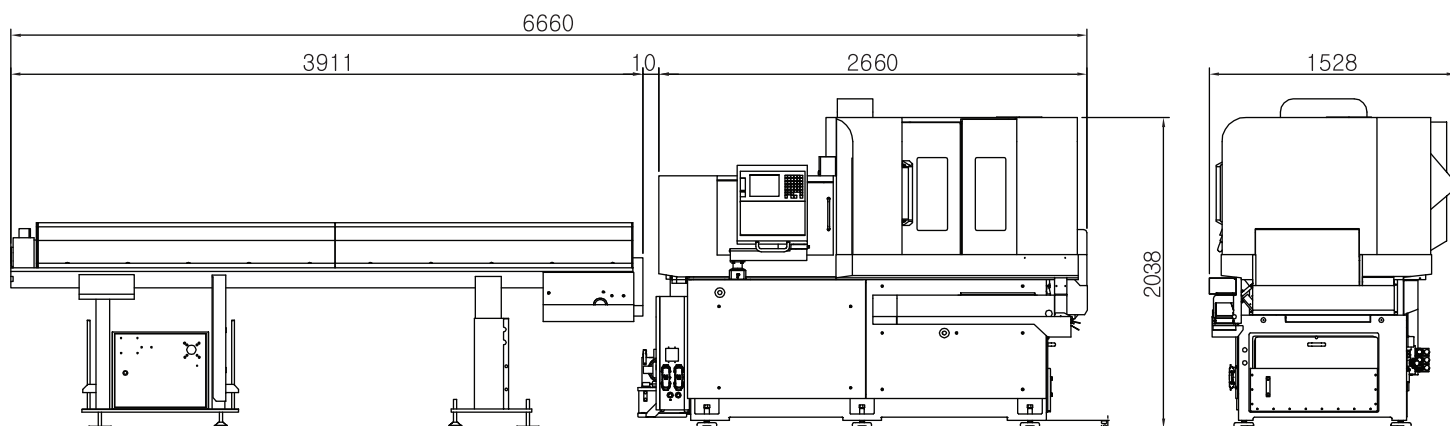


Screen for inputting information of automatic cutting function.
After inputting data according to above condition, command M07 in program.



This screen shows the setup of keep relay in PMC.
When turning the function on after moving cursor to each necessary function, the function is operated.

FLOOR Layout



NN-38UB8 Specifications

Content	Specification	Specification Value	Standard Accessories
Machining capacity	Max. machining diameter	Φ38mm	I.D. tool unit
	Max. machining length	260mm / 1chuck	Cross drill unit
	Max. parts unloading length	115mm	Manual pulse generator(MPG)37P
Spindle	Main spindle through-hole diameter	Φ43mm	Coolant unit
	Spindle rpm (Main/Sub)	Max. 8,000rpm	Rotary guide bush
	Sub spindle chucking diameter	Φ38mm	Tool holder
Tool	Max. number of tools	30	Drill holder
	Max. machining drill	Φ13mm	Main : Chuck sleeve /Spring/Spindle cap(1set)
	Max. machining tap	M12	Sub : Chuck sleeve /Spring/Spindle cap(1set)
Main	O.D. tool	5 (□20X150mm max)	Automatic power turn-off device
	I.D. tool	5 (ER16X3 + ER20X2)	Automatic oiling device (level detector attached)
	Cross drill	5 (ER20)	Cuttign oil device (Main/Sub)
	Cross drill rpm	Max. 6,000rpm	Coolant failure detector
	Long drill	2EA (Φ13)	Overload detection function
SUB	I.D. tool	3 (ER20X2 + ER16X1)	Door interlock switch
	I.D. eccentric	3 (ER20)	Working light (LED)
	Cross drill	-	Parts conveyor
	I.D. drill rpm	Max. 6,000rpm	Parts catcher
Feed	Rapid feed rate	X1, X2, Y1 : 30/min Z1, Z2, : 28m/min	Levelling pad
	Min. command unit	0.0001mm	Signal warning light - 3 stage
	C axis Min. command unit (Main, Sub)	0.0001°	Display language (CHN/ENG/FRA/GER/ITA/JPN/KOR/POL/RUS/SPA)
Motor	Main spindle motor	7.5/5.5kW	Long drill holder
	Cross drill motor	1.5kW	Chip conveyor & Chip box
	Sub spindle motor	5.5/3.7kW	Optional Accessories
	\$2 cross drill motor	0.9kW	E3 UNIT
	Y1,Z1,X2,Z2 axis feed motor	0.5kW / 1.4kW	Fixed guide bush
	X1,Y2 axis feed motor	1.0kW / 1.4kW	Tap breakage detector (Main, Sub)
	Coolant pump (Main, Sub)	0.9kW + 0.25kW	Tool presetter
	Lubricant pump	0.003kW	Tool air blow
Dimensions and etc.	Main spindle center height	1,160mm	Rear ejection unit (Φ36mm or less)
	Input power capacity	40KVA	Spindle tube liner for small part
	Air pressure, flow rate	0.6MPa.25L/min	Large-sized lubricant pump 1.8ℓ
	Coolant tank	350L(Additioanl tank included)	Medium / High pressure coolant
	WxDxH	2,660x1,528x2,038 mm	Automatic fire extinguisher
	Weight (Options included)	3,600kg	Oil mist collector
NC	NC MITSUBISHI	M80	Custom colors
	NC display	10.4 Color TFT LCD	Tooling
	Memory capacity	500KB	
	Number of tool offset	256sets	
	Background edit function		
	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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