

NOMURA DS

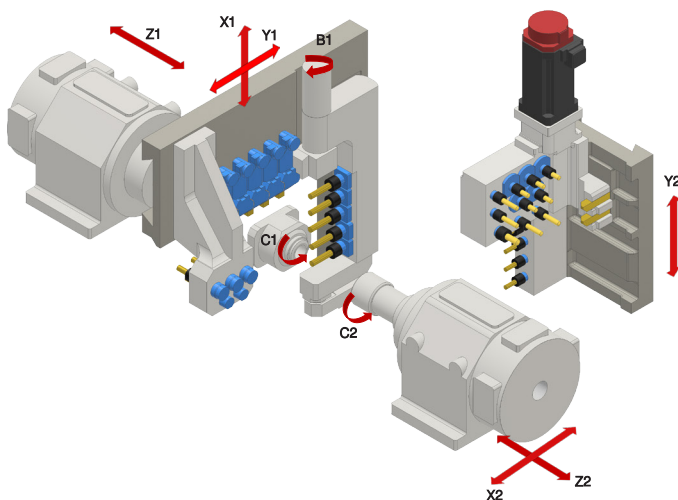
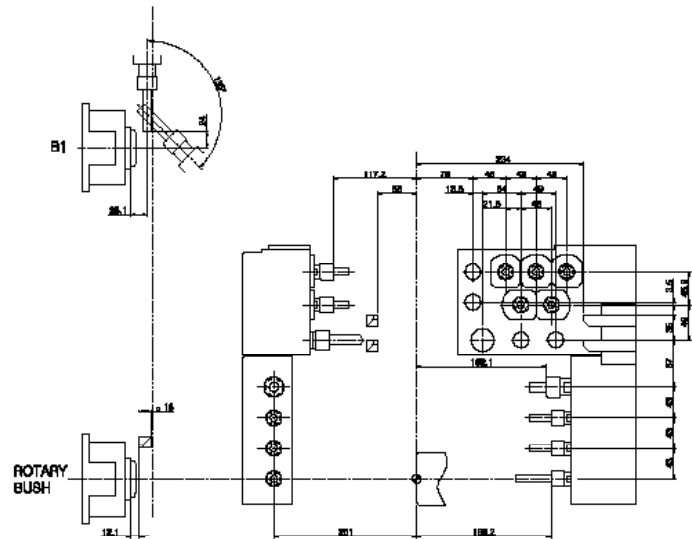
- B-axis programmable to 0-135°
- Expansive tooling layout
- Horizontal tool post for chip evacuation
- Dovetail structure for rigidity
- Comes standard with Micro Vibrational Technology (MVT)



Technical drawing showing a side view of a mechanical assembly. The drawing includes dimensions in millimeters (mm) and a scale of 1:1.

Key dimensions and features:

- Overall width: 186 mm
- Overall height: 158 mm
- Distance from left edge to center of first rod: 36 mm
- Distance between centers of rods: 57.5 mm
- Distance from center of last rod to right edge: 186 mm
- Distance from left edge to center of first rod: 36 mm
- Distance from center of first rod to center of last rod: 328.5 mm
- Distance from center of last rod to right edge: 186 mm
- Overall width: 186 mm
- Overall height: 158 mm
- Scale: 1:1



Feed	Unit	Z1	X1	Y1	X2	Y2
Feed Distance	mm (in)	300 (11.81)	228 (8.98)	416 (16.38)	234 (9.21)	290.4 (11.42)
Rapid Feed Rate	m/min	30	30	30	30	30

Tools		Unit	NN-38JXB	Remarks
Max number of tools		EA	31	
Main	O.D. tool	EA	5	□ 16x150mm max
	I.D. tool	EA	5	ER16x2, ER20x3
	Cross Drill	EA	5	ER20
Sub	O.D. tool	EA	2	□ 16 OP:3
	I.D. fixed tool	EA	5	ER16x4, ER20x1
	I.D. rotary tool	EA	5	ER16
	Cross Drill	EA	4	ER16x3, ER20x1

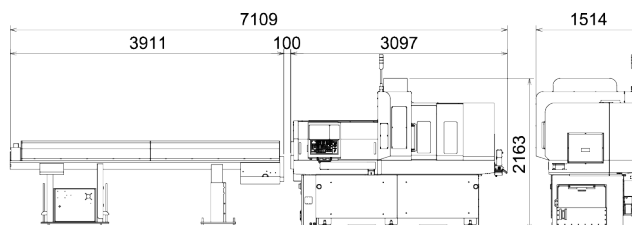
NN-38JXB Specifications

Content		Specification	Specification Value
			NN-38JXB
Machining capacity		Max. machining diameter	Φ38mm
		Max. machining length	300mm / 1 chuck
		Max. parts unloading length	100mm
Spindle		Main spindle through-hole diameter	Φ43mm
		Spindle RPM (Main/Sub)	8,000rpm
		Sub spindle chucking diameter	Φ38mm
Tool	Type	Type	Standard
		Max. number of tools	3(OP : 32)
		Max. machining drill	Φ13mm
		Max. machining tap	M12
	Main	O.D. tool	5 (□16x150mm max)
		I.D. tool	5 (ER16X2, ER20x3)
		Cross drill	5 (ER20)
		Cross drill RPM	6,000rpm
	SUB	O.D. tool	2 (□16) (OP : 3)
		I.D. fixed tool	5 (ER16x4, ER20x1)
		I.D. rotary tool	5 (ER16)
		Cross drill	4 (ER16x3, ER20x1)
		Cross drill RPM	6,000rpm
		Rapid feed rate	30m/min
Feed		Min. command unit	0.0001mm
		C-axis min. command unit (Main/Sub)	0.0001°
Motor		Main spindle motor	7.5/5.5kW (Mitsubishi) / 11.0/5.5kW (Fanuc)
		Cross drill motor	1.5kW (Mitsubishi) / 2.2kW (Fanuc)
		Sub spindle motor	7.5/3.7kW (Mitsubishi) / 7.5/5.5kW (Fanuc)
		Sub rotary motor	1.5kW (Mitsubishi) / 2.2kW (Fanuc)
		Coolant pump (Main/Sub)	0.4kW
		Lubricant pump	0.003kW
Dimensions and etc.		Main spindle center height	1,100mm
		Input power capacity	25KVA
		Air pressure/Flow rate	0.6MPa. 45L/min
		Coolant tank	200L
		WxDxH	3,097x1,514x2,163mm
		Weight (Standard accessories included)	3,800kg
NC		NC UNIT	M80 Type A(Mitsubishi) / Oi-TF Plus(Fanuc)
		NC display	10.4" Color LCD
		Memory capacity	500KB (Mitsubishi) / 2MB (Fanuc)
		No. of tool offset	256 Sets (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 (Main/Sub)
Overload detection function
Door interlock switch
Working light (LED)
Parts conveyor
Parts catcher
Levelling pad
Three-color warning light
Cut-off detector
Display language (ENG/CHN/KOR/ETC)

Optional Accessories
3-axis eccentric drill (E3 unit)
6-Axis Cross Drill Unit (ER16)
Wedge Outer Diameter Tool (□16)
Fixed guide bush
Tool presetter
Rear ejection unit
Spindle tube liner for small parts
Chip conveyor & Chip box
Medium pressure coolant
Oil mist collector
Custom colors
Tooling

Floor Layout



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