



Swiss Type CNC Automatic Lathe Series

NOMURADS has been manufacturing swiss type CNC auto lathe for the last 75 years.
when you choose NOMURADS, you will have high precision, durability and innobation for your production.



NOMURADS

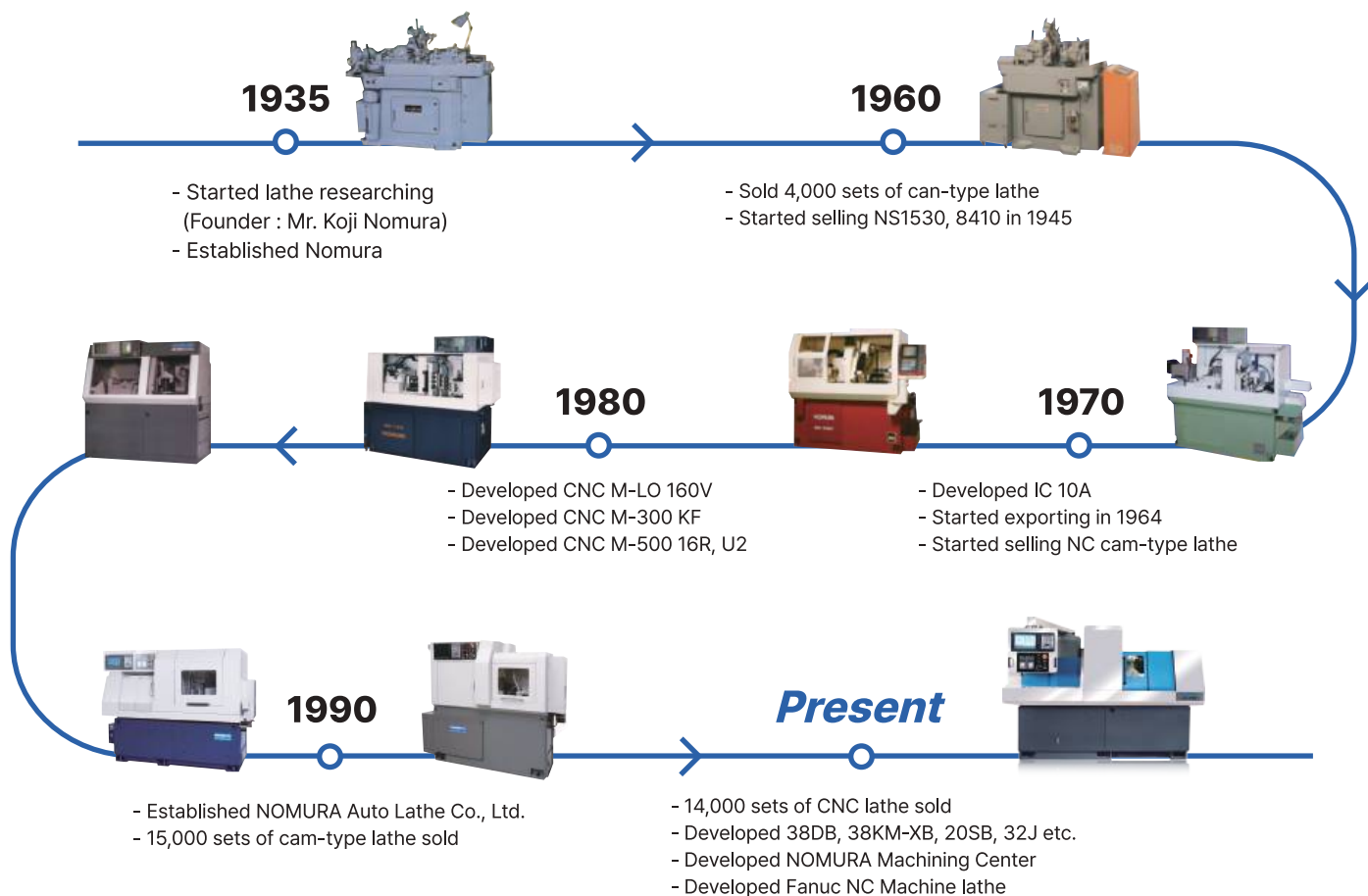
NOMURADS

has been manufacturing swiss type CNC auto lathe for the last 75 years. When you choose NOMURADS, you will have high precision, durability and innovation for your production.



History

75 year's legacy for Swisstype CNC auto Lathes

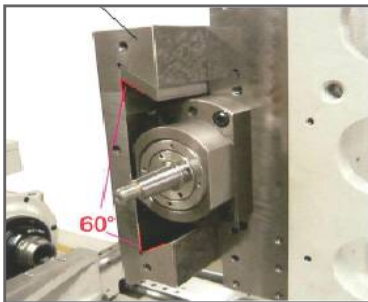


Overseas Partners



NOMURADS Features

Dovetail structure



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

Hand scraping



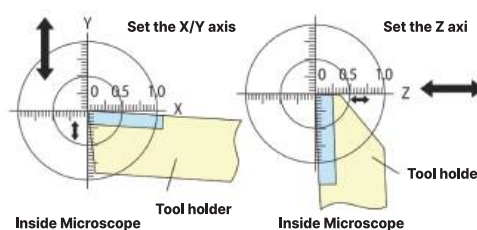
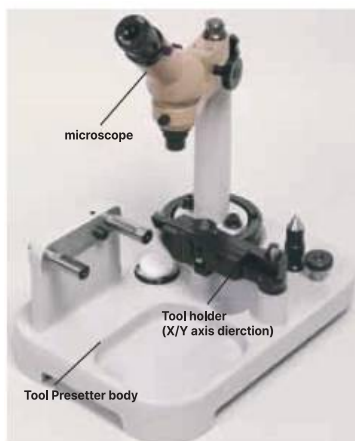
The weighty tool post is glided smoothly by our master artisans and high precision is enhanced as the result.

Integrated casting bed



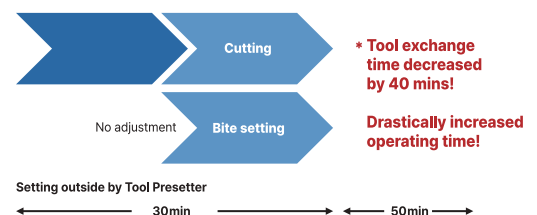
Machine vibrations is absorbed and machining tolerance affected by the temperature change of cutting oil can be minimized as temperature turning is enacted with coolant tank located in the casting bed.

Tool presetter - Option



- Set the X/Y axis direction - Set the Z axis direction. This is all you need to do.

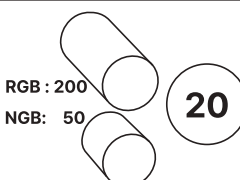
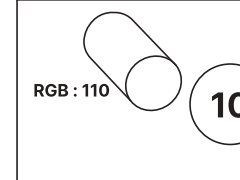
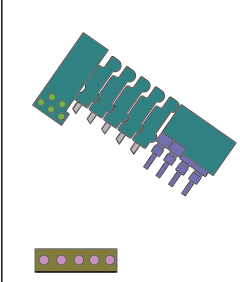
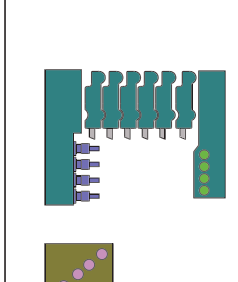
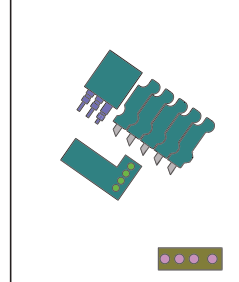
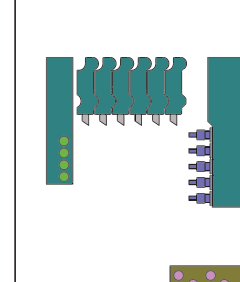
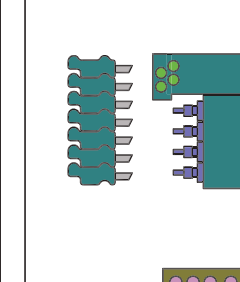
NOMURADS Tool Holder Type

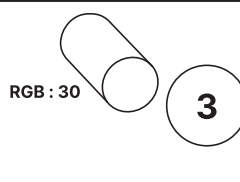
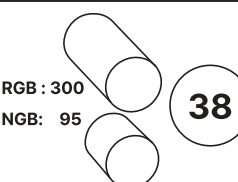
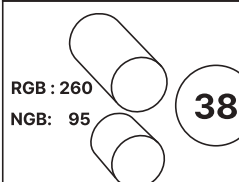
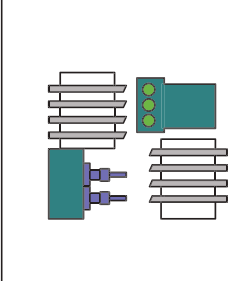
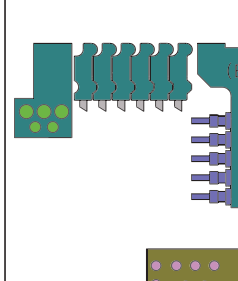
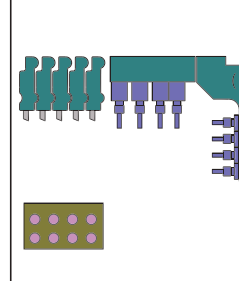
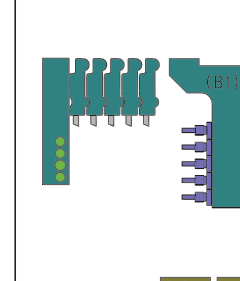


Competitors' direct mounted (fixed bite) type



38DB RGB : 300 NGB: 95 38 Page 06	38J RGB : 300 NGB: 95 38 Page 07	38KM RGB : 260 NGB: 95 38 Page 08	38UB8 RGB : 273 NGB: 95 38 Page 09	32DB RGB : 300 NGB: 80 32 Page 10
32J RGB : 300 NGB: 80 32 Page 11	32UB8 RGB : 190 NGB: 80 32 Page 12	26KM RGB : 215 NGB: 65 26 Page 13	25UB8 RGB : 200 25 Page 14	20J3(6) RGB : 200 NGB: 50 20 Page 15

20SB 	20UB8 	16SB7 	10J 	10EX2 
				
Page 16	Page 14	Page 17	Page 15	Page 18

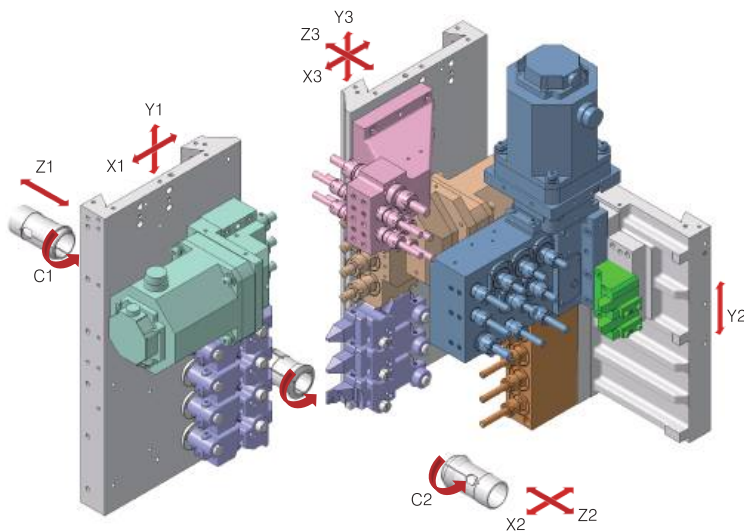
3X 	38J-XB 	38KM-XB 	20J3-XB 
			
Page 19	Page 20	Page 21	Page 22

NN-38DB

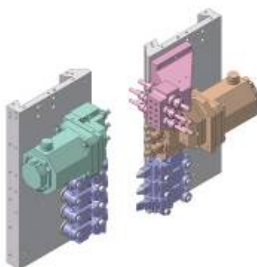
SWISS TYPE CNC AUTOMATIC LATHE



Tool Layout



Main



Turning tool 7 tools
Cross drill 7 tools
I.D tool 5 tools

Sub

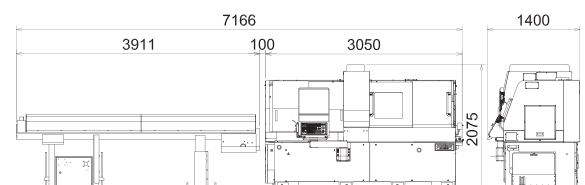


Turning tool 2 tools
Cross drill 4 tools
I.D tool 5 tools
I.D tool (driven) 5 tools

Specifications

Content	Specification	Specification Value
		NN-38DB
Machining Capacity	Max. machining diameter	Φ38mm(OP. Ø42)
	Max. machining length	FB 330mm / 1chuck (RB 300mm)
	Max. parts unloading length	100mm
Spindle	Main spindle through-hole diameter	Φ44mm
	Spindle RPM (Main/Sub)	Max. 8,000rpm, (Servo RGB D: Max. 6,000rpm)
	Sub spindle chucking diameter	Φ38mm(OP. Ø42)
Tool	Type	Max. number of tools
		34(op. 36)
		Max. machining drill
		Φ13mm
		Max. machining tap
		M10
	Main	O.D. tool
		7 (□20x6 (cut) □20x1)
		I.D. tool
		5 (ER20x1 + ER16x4) 50mm max
		Cross drill
		7 (ER20x7)
	SUB	Cross drill RPM
		Max. 8,000rpm
		I.D. rotary tool
		5 (ER16x5)
		I.D. fixed tool
		3 (ER16) / OP. 4) + 1 (ER20)
Feed	Rapid feed rate	Z1, Y1, Z2, Y2, Z3 : 28m/min / X2 : 25m/min
		X1, Z3, X3 : 14m/min
		Min. command unit
Motor	C-axis min. command unit (Main/Sub)	0.0001mm
		0.0001°
		Main spindle motor
		7.5/5.5kW (Mitsubishi) / 7.5/11 kW (Fanuc)
		Cross drill motor
		1.5kW (Mitsubishi) / 2.2 kW (Fanuc)
		Sub spindle motor
		7.5/5.5kW (Mitsubishi) / 7.5/11 kW (Fanuc)
		Sub cross drill motor
		1.5kW (Mitsubishi) / 2.2 kW (Fanuc)
Dimensions and etc.	Z1, X1, Y1, Z2, X2, Y2, Z3, X3, Y3 axis motor	Z1, X1, Y1, Z2, X2, Y2, Z3, X3, Y3: 1.0kW (Mitsubishi)
		Z1, X1, Y1, Z2, X2, Z3, X3, Y3: 1.4kW, Y2: 1.6kW (Fanuc)
		Coolant pump (Main/Sub)
		0.25kW x2
		Lubricant pump
		0.015kW
		Main spindle center height
		1,120mm
		Input power capacity
		29kVA
NC	Air pressure/Flow rate	0.6MPa, 20L/min
		Coolant tank
		260L
		WxDxH
		3,050x1,400x2,075 mm
NC	Weight (Standard accessories included)	4,150kg
		NC (Mitsubishi/Fanuc)
		M830VS (Mitsubishi) / 311B (Fanuc)
		NC display
		15" Color LCD
NC	Memory capacity	500KB (Mitsubishi) / 2 MB (Fanuc)
		No. of tool offset
		333sets (Mitsubishi) / 128 Sets (Fanuc)

Machine Layout

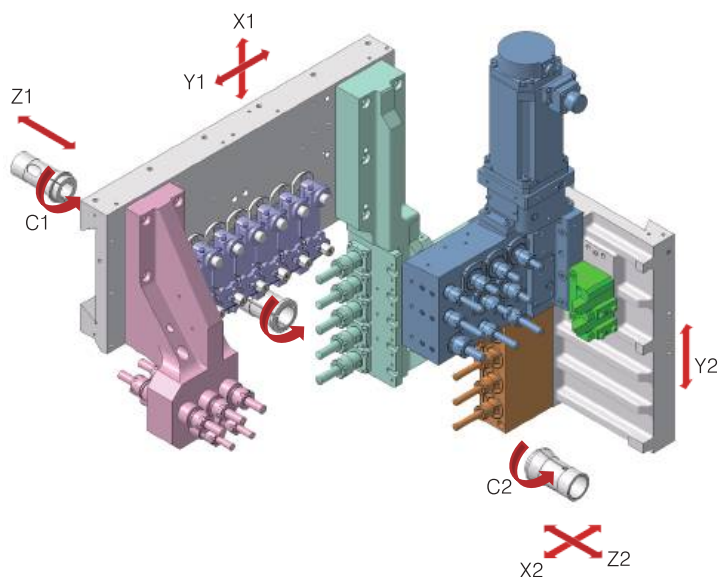


NN-38J

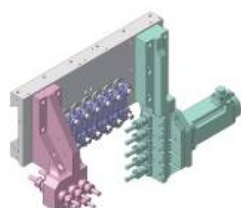
SWISS TYPE CNC AUTOMATIC LATHE



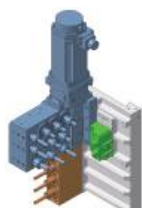
Tool Layout



Main



Sub

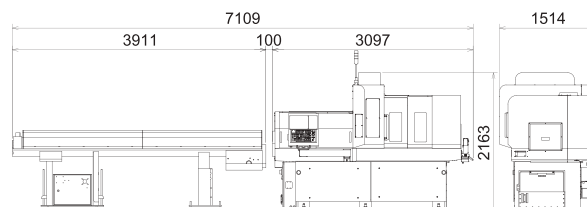


Turning tool	5 tools	Turning tool	2 tools
Cross drill	5 tools	Cross drill	4 tools
I.D tool	5 tools	I.D tool	5 tools
I.D tool (rear : OP)	5 tools	I.D tool (driven)	5 tools

Specifications

Content		Specification	Specification Value
			NN-38J
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	32(OP : 33)
		Max. machining drill	Φ13mm
		Max. machining tap	M12
	Main	O.D. tool	6 (□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)
Feed		Cross drill RPM	6,000rpm
		Rapid feed rate	30m/min
		Min. command unit	0.0001mm
Motor		C-axis min. command unit (Main/Sub)	0.0001°
		Main spindle motor	7.5/5.5kW (Mitsubishi) / 11.0/7.5kW (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	24KVA
		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) / 0i-TF Plus(Fanuc)
		NC display	10.4" Color LCD
		Memory capacity	500KB (Mitsubishi) / 2MB (Fanuc)
		No. of tool offset	256 Sets (Mitsubishi)/ 128Sets (Fanuc)

Machine Layout

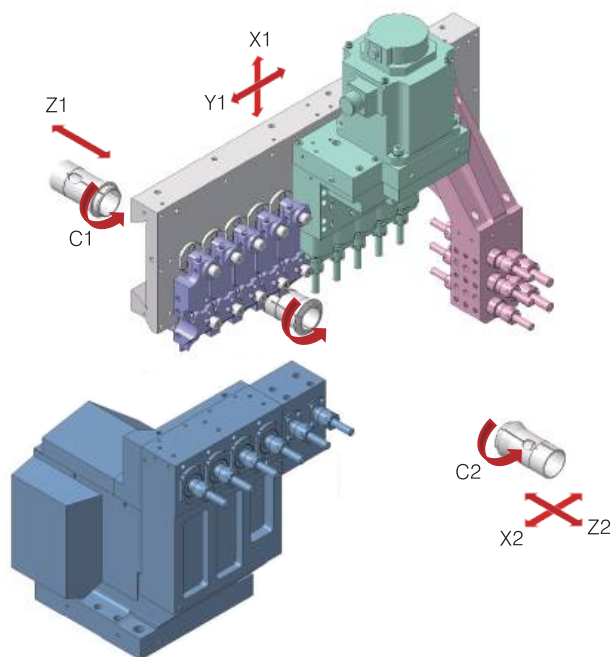


NN-38KM

SWISS TYPE CNC AUTOMATIC LATHE

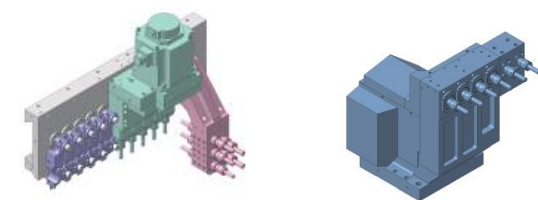


Tool Layout



Main

Sub

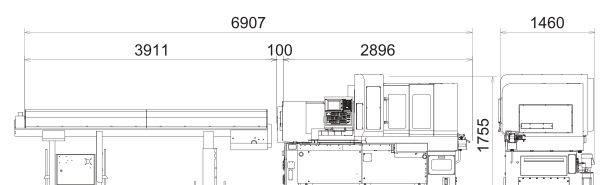


Turning tool	5 tools	I.D tool	2 tools
Cross drill	5 tools	I.D tool (driven)	4 tools
I.D tool	5 tools		
I.D tool (rear : OP)	5 tools		

Specifications

Content	Specification	Specification Value
		NN-38KM
Machining Capacity	Max. machining diameter	Φ38mm
	Max. machining length	260mm / 1 chuck
	Max. parts unloading length	125mm
Spindle	Main spindle through-hole diameter	Φ43mm
	Spindle RPM (Main/Sub)	8,000rpm
	Sub spindle chucking diameter	Φ38mm
Tool	Max. number of tools	26 (5 axis) / 28 (6 axis)
	Type	
	Max. machining drill	Φ13
	Max. machining tap	M12
	O.D. tool	5 (□16X150mm max)
	I.D. tool	5 (ER16X3-ER20X2) (OP : Rear 5)
	Cross drill	5 (ER16)
	Cross drill RPM	6,000rpm
	I.D. fixed tool	2 (ER16) (5 axis) / 4 (ER16) (6 axis)
	I.D. rotary tool	4 (ER16) (5 axis) / 4 (ER16) (6 axis)
Feed	Sub drill RPM	6,000rpm
	Rapid feed rate	32m/min, (OP Y2 : 24m/min)
	Min. command unit	0.0001mm
Motor	C-axis min. command unit (Main/Sub)	0.0001*
	Main spindle motor	7.5/5.5kW (Mitsubishi) 11.0/7.5kW (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	0.9kW (Mitsubishi) 1.0kW (Fanuc)
	Coolant pump	1.1kW
	Lubricant pump	0.003kW
	Main spindle center height	1,025mm
	Input power capacity	24KVA
	Air pressure/Flow rate	0.6MPa, 45L/min
Dimensions and etc.	Coolant tank	250L
	WxDxH	2,896x1,460x1,755 mm
	Weight (Standard accessories included)	3,800kg
NC	NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus(Fanuc)
	NC display	8.4 Color TFT LCD(Mitsubishi) / 10.4 Color TFT LCD(Fanuc)
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)
	No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)

Machine Layout

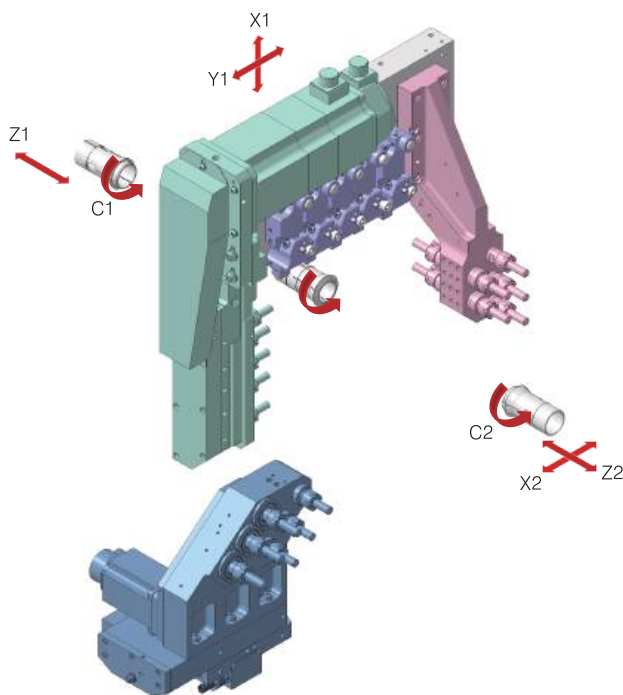


NN-38UB8

SWISS TYPE CNC AUTOMATIC LATHE

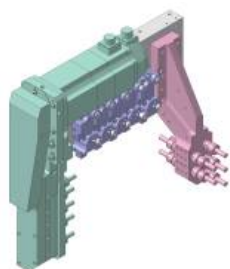


Tool Layout



Main

Sub

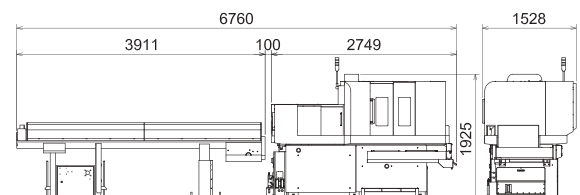


Turning tool	5 tools	I.D tool	3 tools
Cross drill	5 tools	I.D tool (driven)	3 tools
I.D tool	5 tools		
I.D tool (rear : OP)	5 tools		

Specifications

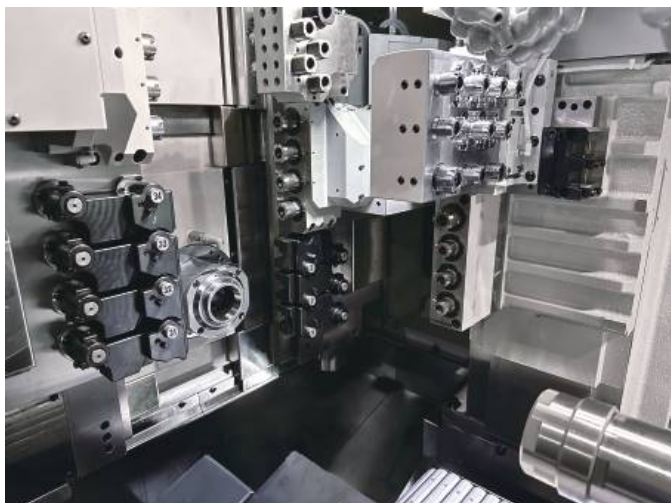
Content	Specification	Specification Value	
		NN - 38UB8	
Machining capacity	Max. machining diameter	Φ38mm (OP : Φ42mm)	
	Max. machining length	273mm / 1 chuck	
	Max. parts unloading length	115mm	
Spindle	Main spindle through-hole diameter	Φ43mm	
	Spindle RPM (Main/Sub)	8,000rpm	
	Sub spindle chucking diameter	Φ38mm	
Type	Type	K	K2
	Max. number of tools	24	26
	Max. machining drill	Φ13mm	
Main	Max. machining tap	M8	
	O.D. tool	5 (□20X150mm)	
	I.D. tool	5 (ER16X3+ER20X2) (OP : Rear 5)	
SUB	Cross drill	5 (ER20)	
	Cross drill RPM	6,000rpm	
	I.D. fixed tool	2 (ER20)	3 (ER16+ER20x2)
Feed	I.D. rotary tool	2 (ER20)	3 (ER20)
	Rapid feed rate	30m/min	
	Min. command unit	0.0001mm	
Motor	C-axis min. command unit (Main/Sub)	0.0001°	
	Main spindle motor	7.5/5.5kW	
	Cross drill motor	1.5kW	
Dimensions and etc.	Sub spindle motor	5.5/3.7kW	
	Sub rotary motor	0.9kW	
	Coolant pump (Main/Sub)	1.1kW	
NC	Lubricant pump	0.003kW	
	Main spindle center height	1,160mm	
	Input power capacity	24KVA	
Air pressure/Flow rate	Air pressure/Flow rate	0.6MPa, 45L/min	
	Coolant tank	370L	
	WxDxH	2,749x1,528x1,925 mm	
Weight (Standard accessories included)	Weight (Standard accessories included)	3,600kg	
	NC UNIT	M80 Type A	
	NC display	8.4 Color TFT LCD	
Memory capacity	Memory capacity	500KB	
	No. of tool offset	256sets	

Machine Layout

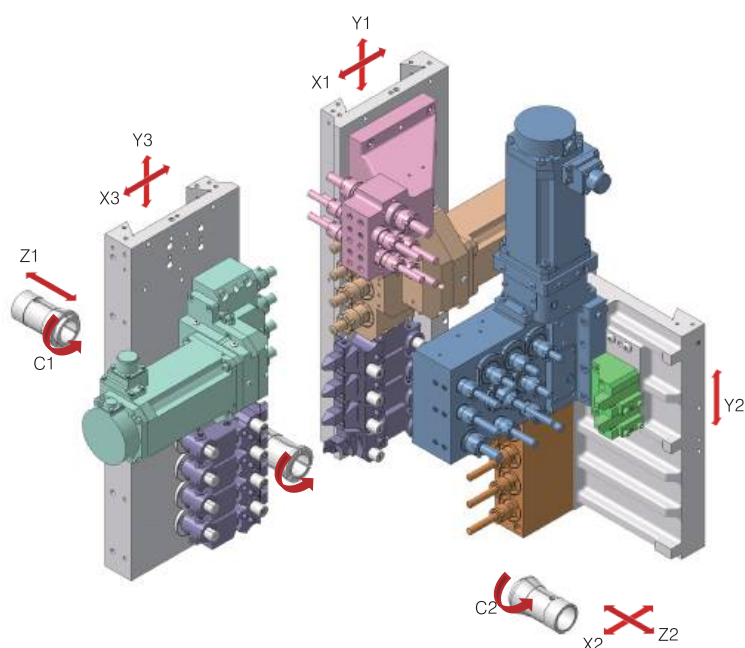


NN-32DB

SWISS TYPE CNC AUTOMATIC LATHE

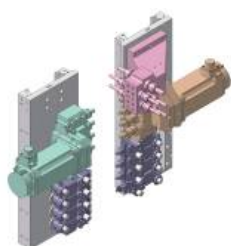


Tool Layout



Main

Sub



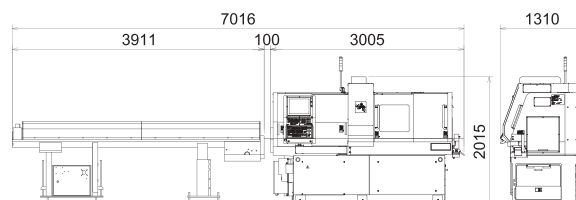
Turning tool 8 tools
Cross drill 8 tools
I.D tool 5 tools

Turning tool 2 tools
Cross drill 4 tools
I.D tool 5 tools
I.D tool (driven) 5 tools

Specifications

Content	Specification	Specification Value
		NN-32DB
Machining capacity	Max. machining diameter	Φ32mm
	Max. machining length	300mm / 1 chuck
	Max. parts unloading length	100mm
Spindle	Main spindle through-hole diameter	Φ34mm
	Spindle RPM (Main/Sub)	8,000rpm
	Sub spindle chucking diameter	Φ32mm
Tool	Type	Standard
	Max. number of tools	36 (OP : 38)
	Max. machining drill	Φ10mm
	Max. machining tap	M8
	O.D. tool	8 (□16x4x2)
	I.D. tool	5 (ER20x1) + (ER16x4)
	Cross drill	8 (ER20x4x2)
	Cross drill RPM	6,000rpm
	O.D. tool	2 (□16x2) (OP : 3)
	I.D. fixed tool	4 (ER16x3) + (ER20x1) (OP : 5 (ER16x4) + (ER20x1))
SUB	I.D. rotary tool	5 (ER16)
	Cross drill	4 (ER20x1 + ER16x3)
	Cross drill RPM	6,000rpm
	Rapid feed rate	Z1,Y1,X3,Z2,X2,Y2 : 28m/min X1,X3 : 20m/min
Feed	Min. command unit	0.0001mm
	C-axis min. command unit (Main/Sub)	0.0001°
Motor	Main spindle motor	7.5/3.7kW (Mitsubishi), 9.0/5.5kW (Fanuc)
	Cross drill motor	1.5kW (Mitsubishi), 2.2kW (Fanuc)
	Sub spindle motor	7.5/3.7kW (Mitsubishi), 9.0/5.5kW (Fanuc)
	Sub rotary motor	1.5kW (Mitsubishi), 2.2kW (Fanuc)
	Z1, X1, Y1, Z2, X2, Y2 Z3, X3, Y3 axis motor	Z1, X1, Y1, Z2, X2, Y2, Z3, X3, Y3: 1.0kW (Mitsubishi) Z1, X1, Y1, Z2, X2, X3, Y3: 1.4kW, Y2: 1.6kW (Fanuc)
Dimensions and etc.	Lubricant pump	0.015kW
	Main spindle center height	1,060mm
	Input power capacity	25KVA
	Air pressure/flow rate	0.6MPa.45L/min
	Coolant tank	205L
	WxDxH	3,005X1,310X2,015mm
	Weight (Standard accessories included)	3,850kg
NC	NC UNIT	M830 (Mitsubishi) / 311B(Fanuc)
	NC display	15.0 Color TFT LCD
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)
	No. of tool offset	400sets(Mitsubishi) / 128sets(Fanuc)

Machine Layout

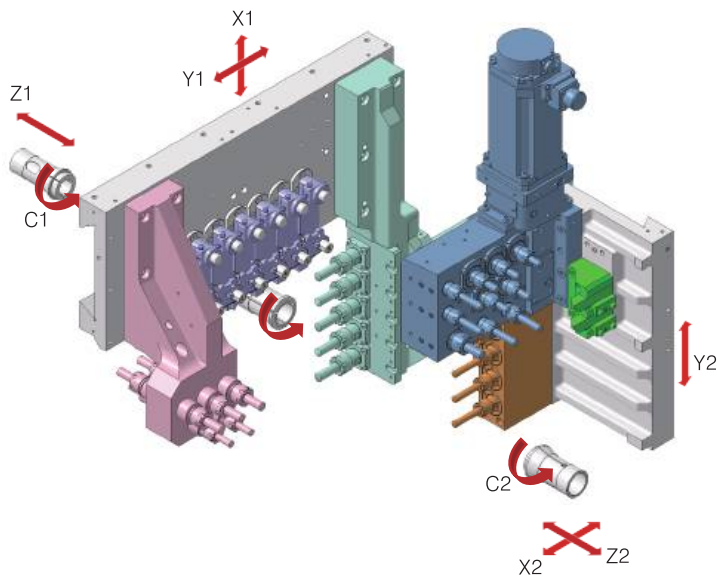


NN-32J

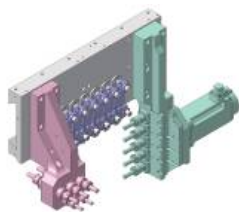
SWISS TYPE CNC AUTOMATIC LATHE



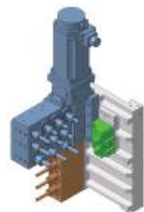
Tool Layout



Main



Sub

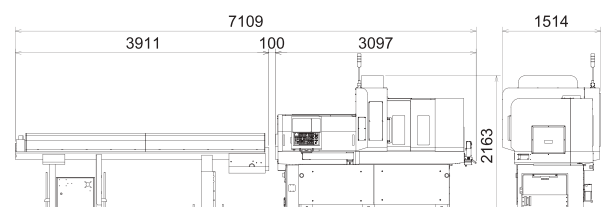


Turning tool	5 tools	Turning tool	2 tools
Cross drill	5 tools	Cross drill	4 tools
I.D tool	5 tools	I.D tool	5 tools
I.D tool (rear : OP)	5 tools	I.D tool (driven)	5 tools

Specifications

Content		Specification	Specification Value
			NN-32J
Machining capacity		Max. machining diameter	Φ32mm
		Max. machining length	300mm / 1 chuck
		Max. parts unloading length	100mm
Spindle		Main spindle through-hole diameter	Φ34mm
		Spindle RPM (Main/Sub)	8,000rpm
		Sub spindle chucking diameter	Φ32mm
Tool	Type	Type	Standard
		Max. number of tools	32(OP : 33)
		Max. machining drill	Φ10mm
	Main	Max. machining tap	M8
		O.D. tool	6 (□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
Feed		Rapid feed rate	30m/min
		Min. command unit	0.0001mm
Motor		C-axis min. command unit (Main/Sub)	0.0001°
		Main spindle motor	7.5/3.7kW (Mitsubishi) / 9.0/5.5kW (Fanuc)
		Cross drill motor	1.5kW (Mitsubishi) / 2.2kW (Fanuc)
		Sub spindle motor	7.5/3.7kW (Mitsubishi) / 9.0/5.5kW (Fanuc)
		Sub rotary motor	1.5kW (Mitsubishi) / 2.2kW (Fanuc)
		Coolant pump (Main/Sub)	0.4kW
Dimensions and etc.		Lubricant pump	0.003kW
		Main spindle center height	1,100mm
		Input power capacity	24KVA
		Air pressure/Flow rate	0.6MPa. 45L/min
		Coolant tank	200L
		WxDxH	3,097x1,514x2,163mm
NC		Weight (Standard accessories included)	3,800kg
		NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus(Fanuc)
		NC display	10.4" Color LCD
		Memory capacity	500KB (Mitsubishi) / 2MB (Fanuc)
		No. of tool offset	256 Sets (Mitsubishi) / 128Sets (Fanuc)

Machine Layout

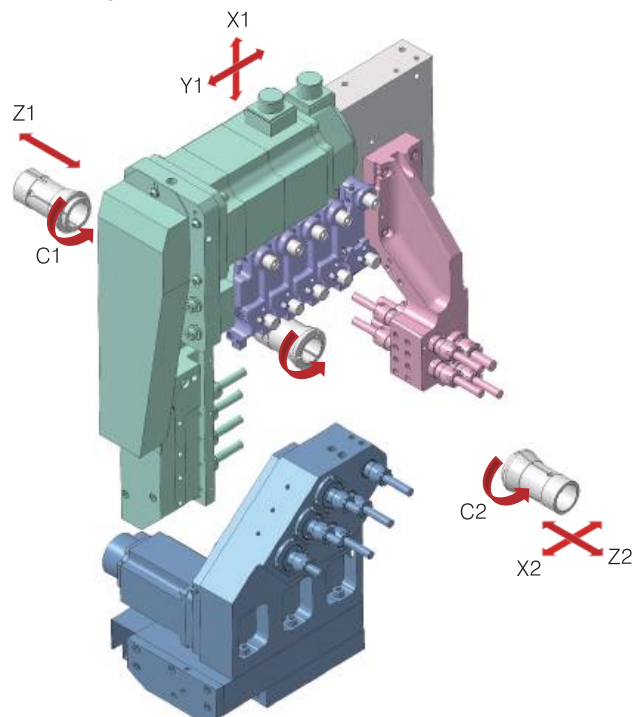


NN-32UB8

SWISS TYPE CNC AUTOMATIC LATHE

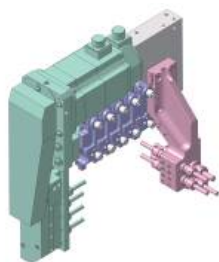


Tool Layout



Main

Sub

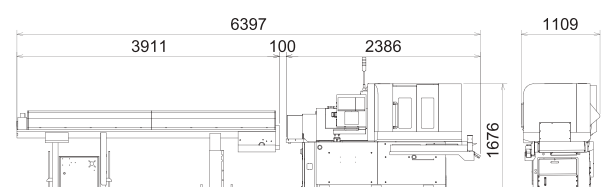


Turning tool	5 tools	I.D tool	3 tools
Cross drill	4 tools	I.D tool (driven)	3 tools
I.D tool	4 tools		
I.D tool (rear : OP)	4 tools		

Specifications

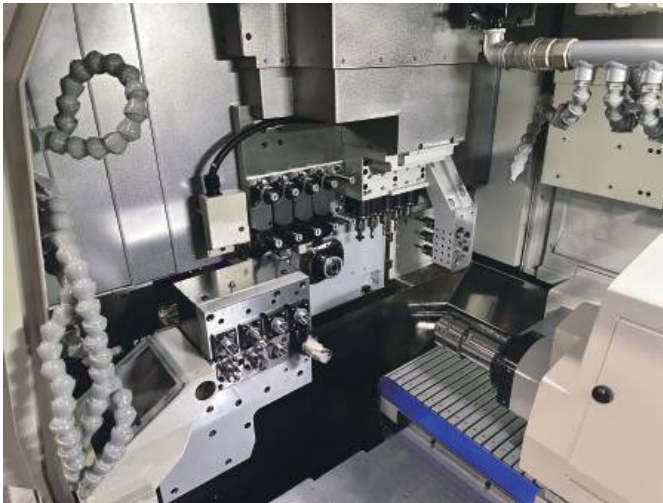
Content	Specification	Specification Value		
		32UB8		
Machining capacity	Max. machining diameter	Φ32mm		
	Max. machining length	190mm / 1 chuck		
	Max. parts unloading length	93mm		
	Main spindle through-hole diameter	Φ34mm		
Spindle	Spindle RPM (Main/Sub)	8,000rpm/6,000rpm		
	Sub spindle chucking diameter	Φ32mm		
	Type	Standard	K	K2
Tool	Type	21(OP : 22)		
	Max. number of tools	23(OP : 24)		
	Max. machining drill	Φ10mm		
	Max. machining tap	M8		
	O.D. tool	5 (□12.7x3+□16x2x150mm)		
	I.D. tool	4 (ER16X3+ER20X1) (OP : Rear 4)		
	Cross drill	4 (ER16) (OP : 5)		
	Cross drill RPM	6,000rpm		
	O.D. tool	1 (□10)	—	—
	I.D. fixed tool	3 (ER16)	2 (ER16)	3 (ER16)
SUB	I.D. rotary tool	—	2 (ER16)	3 (ER16)
	Rapid feed rate	30m/min		
Feed	Min. command unit	0.0001mm		
	C-axis min. command unit (Main/Sub)	0.0001°		
Motor	Main spindle motor	5.5/3.7kW(Mitsubishi) / 7.5/5.5kW(Fanuc)		
	Cross drill motor	1.5kW(Mitsubishi) / 1.0kW(Fanuc)		
	Sub spindle motor	3.7/1.5kW(Mitsubishi) / 2.2/1.5kW(Fanuc)		
	Sub rotary motor	0.9kW(Mitsubishi) / 1.0kW(Fanuc)		
	Coolant pump (Main/Sub)	0.25kW		
	Lubricant pump	0.003kW		
Dimensions and etc.	Main spindle center height	1,000mm		
	Input power capacity	20KVA		
	Air pressure/flow rate	0.6MPa/45L/min		
	Coolant tank	125L		
	WxDxH	2,386 x 1,109 x 1,676mm		
	Weight (Standard accessories included)	2,450kg		
NC	NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus(Fanuc)		
	NC display	8.4 Color TFT LCD(Mitsubishi) / 10.4 Color TFT LCD(Fanuc)		
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)		
	No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)		

Machine Layout

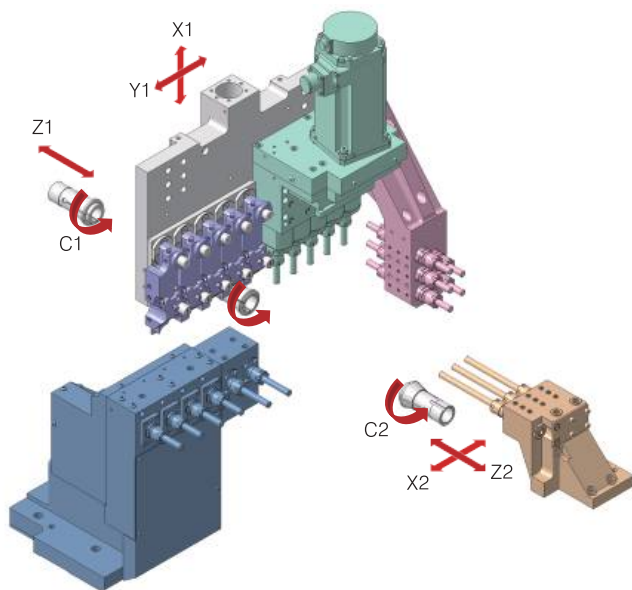


NN-26KM

SWISS TYPE CNC AUTOMATIC LATHE

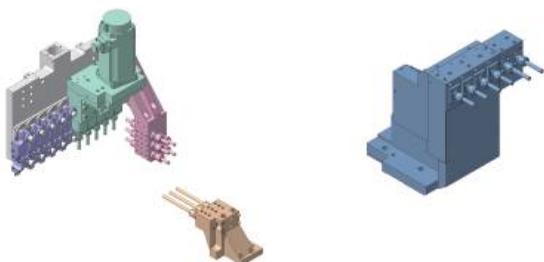


Tool Layout



Main

Sub

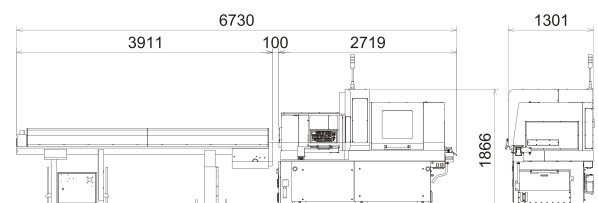


Turning tool	5 tools	I.D tool(OP)	2 tools
Cross drill	5 tools	I.D tool (driven)	4 tools
I.D tool	5+3 tools		
I.D tool (rear : OP)	5 tools		

Specifications

Content	Specification	Specification Value
Machining Capacity	Max. machining diameter	Φ26mm
	Max. machining length	215mm/1chuck (GL : 65mm)
	Max. parts unloading length	100mm
Spindle	Main spindle through-hole diameter	Φ27mm
	Spindle RPM (Main/Sub)	Max. 10,000rpm
	Sub spindle chucking diameter	Φ26mm
Tool	Type	Max. number of tools
		27(5축) / 31(6축)
	Main	Max. machining drill
		Φ10mm
		Max. machining tap
		M8
	Sub	O.D. tool
		5 (□16X150mm max)
		I.D. tool
		5 (ER16) (OP' Rear 5)
		Cross drill
		5 (ER16)
Feed	Cross drill RPM	Max. 8,000rpm(Mitsubishi) / 6,000rpm(FANUC)
		3 (ER16)
	Long drill device	I.D. tool
		4 (ER16) : 6축
	Eccentric tool	4 (ER16) : 5축 / 4 (ER16) : 6축
Motor	Eccentric rotation speed	Max. 6,000rpm
	Rapid feed rate	32m/min, (OP' Y2 : 24m/min)
	Min. command unit	0.0001mm
	C-axis min. command unit (Main/Sub)	0.0001°
	Main spindle motor	5.5/3.7kW(Mitsubishi)/ 2.2kW(FANUC)
Dimensions and etc.	Cross drill motor	1.5kW(Mitsubishi) / 2.2kW(FANUC)
	Sub spindle motor	3.7/2.2kW(Mitsubishi)/ 1.0kW(FANUC)
	Sub cross drill motor	0.9kW(Mitsubishi) / 1.0kW(FANUC)
	Coolant pump	0.4kW
	Lubricant pump	0.015kW
NC	Main spindle center height	1,050mm
	Input power capacity	16KVA
	Air pressure/Flow rate	0.6MPa. 40L/min
	Coolant tank	150L
	WxDxH	2,719x1,301x1,866 mm
NC	Weight (Standard accessories included)	3,800kg
	NC (Mitsubishi/Fanuc)	M80V Type A(Mitsubishi) / 0i-TF(FANUC)
	NC display	10.4 Color TFT LCD
	Memory capacity	500kB(Mitsubishi) / 1MB(FANUC)
	No. of tool offset	256sets(Mitsubishi) / 128sets(FANUC)

Machine Layout

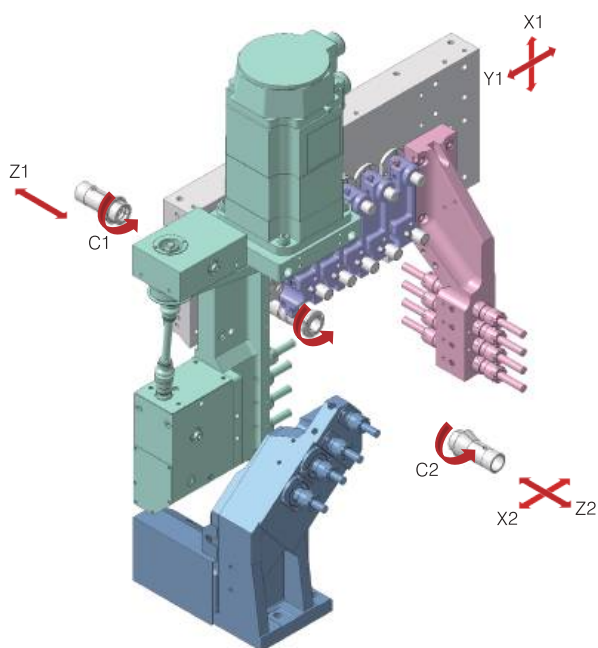


NN-20/25UB8

SWISS TYPE CNC AUTOMATIC LATHE

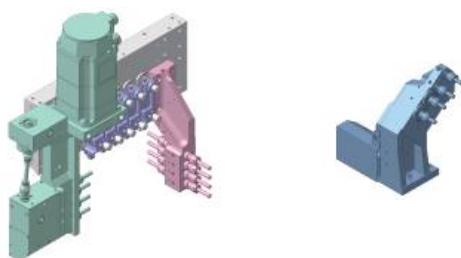


Tool Layout



Main

Sub

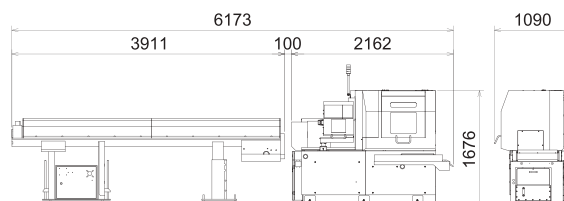


Turning tool	5 tools	I.D tool	2 tools
Cross drill	4 tools	I.D tool (driven)	2 tools
I.D tool	4 tools		
I.D tool (rear : OP)	4 tools		

Specifications

Content	Specification	Specification Value	
		NN-20/25UB8	
Machining capacity	Max. machining diameter	Φ20mm/Φ25mm	
	Max. machining length	200mm / 1 chuck	
	Max. parts unloading length	105mm	
Spindle	Main spindle through-hole diameter	Φ24mm/Φ27mm	
	Spindle RPM (Main/Sub)	10,000rpm / 8,000rpm	
	Sub spindle chucking diameter	Φ20mm/Φ25mm	
Tool	Type	Standard	K
	Max. number of tools	21	
	Max. machining drill	Φ10mm	
	Max. machining tap	M8	
	O.D. tool	5 (□12.7x150) / 5 (□12.7x3+□16x2x150)	
	I.D. tool	4 (ER16) (OP: Rear 4)	
	Cross drill	4 (ER16)	
	Cross drill RPM	6,000rpm	
	O.D. tool	1 (□10x80)	—
	I.D. fixed tool	3(ER16)	2(ER16)
FEED	I.D. rotary tool	—	2(ER16)
	Rapid feed rate	30m/min	
	Min. command unit	0.0001mm	
	C-axis min. command unit (Main/Sub)	0.0001°	
Motor	Main spindle motor	3.7/2.2kW	
	Cross drill motor	0.75kW(Mitsubishi)/1.0kW(Fanuc)	
	Sub spindle motor	1.5/0.55kW(Mitsubishi)/2.2/1.5kW(Fanuc)	
	Sub rotary motor	0.4kW(Mitsubishi)/0.5kW(Fanuc)	
	Coolant pump (Main/Sub)	0.25kW	
	Lubricant pump	0.003kW	
Dimensions and etc.	Main spindle center height	1,000mm	
	Input power capacity	14KVA	
	Air pressure/Flow rate	0.6MPa.35L/min	
	Coolant tank	110L	
	WxDxH	2,162x1,090x1,676mm/2,300x1,090x1,676mm	
	Weight (Standard accessories included)	2,135kg	
NC	NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus(Fanuc)	
	NC display	8.4 Color TFT LCD(Mitsubishi) 10.4 Color TFT LCD(Fanuc)	
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)	
	No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)	

Machine Layout

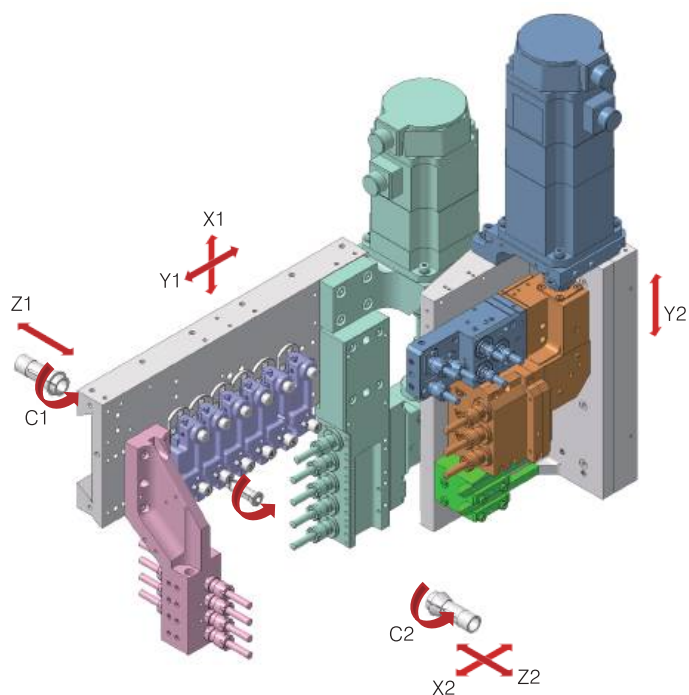


NN-10J / 20J3(6)

SWISS TYPE CNC AUTOMATIC LATHE

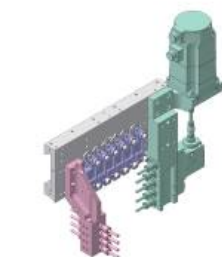


Tool Layout



Main

Sub

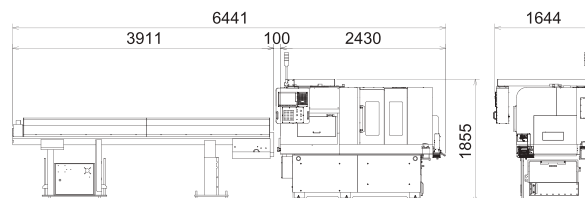


Turning tool	6 tools	Turning tool	2 tools
Cross drill	4 tools	Cross drill	3 tools
I.D tool	5 tools	I.D tool	3 tools
I.D tool (rear : OP)	5 tools	I.D tool (driven)	3 tools

Specifications

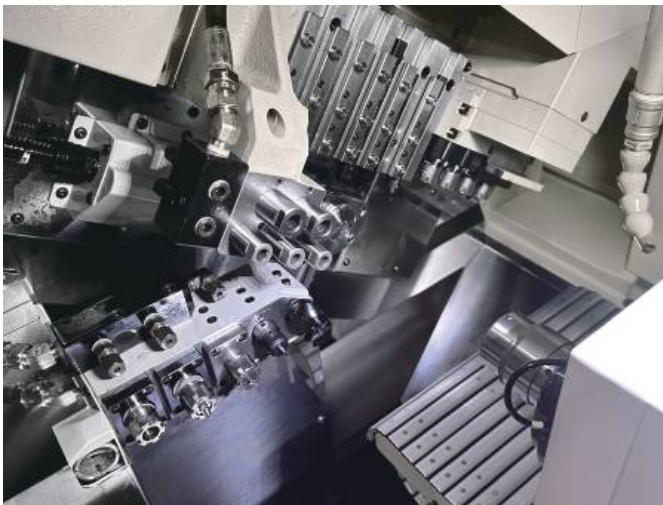
Content	Specification	Specification Value	
		NN-10J	NN-20J3(6)
Machining capacity	Max. machining diameter	Φ10mm	Φ20mm
	Max. machining length	200mm / 1 chuck	
	Max. parts unloading length	93mm	
Spindle	Main spindle through-hole diameter	Φ11.5mm	Φ23mm
	Spindle RPM (Main/Sub)	15,000rpm	10,000rpm
	Sub spindle chucking diameter	Φ10mm	Φ20mm
Tool	Max. number of tools	30	
	Max. machining drill	Φ7mm	Φ10mm
	Max. machining tap	M6	M8
	O.D. tool	6 (□12.7X150mm max)	
	I.D. tool	4 (ER16) (OP : Rear 4)	
	Cross drill	5 (ER16)	
	Cross drill RPM	6,000rpm	
	O.D. tool	2 (□12.7X150mm max)	
	I.D. fixed tool	3 (ER16)	
	I.D. rotary tool	3 (ER11)	
Feed	Cross drill	3 (ER16)	
	Cross drill RPM	6,000rpm	
	Rapid feed rate	X1,Y1,X2,Y2 : 28m/min Z1,Z2 : 30m/min	
	Min. command unit	0.0001mm	
	C-axis min. command unit (Main/Sub)	0.0001°	
	Main spindle motor	3.7/1.5kW	
	Cross drill motor	1.5kW(Mitsubishi) / 2.2kW(Fanuc)	
	Sub spindle motor	3.7/1.5kW	
	Sub rotary motor	1.5kW(Mitsubishi) / 2.2kW(Fanuc)	
	Coolant pump (Main/Sub)	0.25kW X 2	
Motor	Lubricant pump	0.015kW	
	Main spindle center height	1,010mm	
	Input power capacity	17KVA	
	Air pressure/Flow rate	0.6MPa. 30L/min	0.6MPa. 35L/min
	Coolant tank	160L	
	WxDxH	2,430x1,644x1,855 mm	
	Weight (Standard accessories included)	2,700kg	
	NC UNIT	M80 Type A(Mitsubishi) / QI-TF Plus(Fanuc)	
	NC display	10.4 Color TFT LCD	
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)	
NC	No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)	

Machine Layout

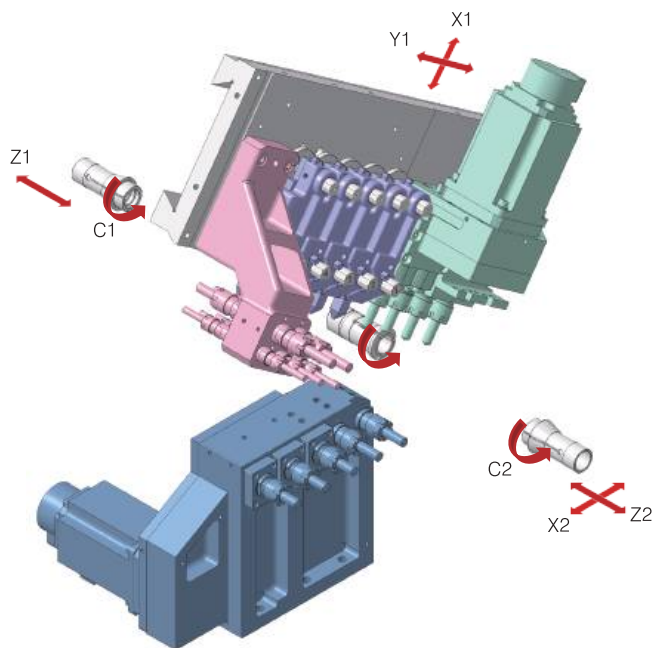


NN-20SB

SWISS TYPE CNC AUTOMATIC LATHE

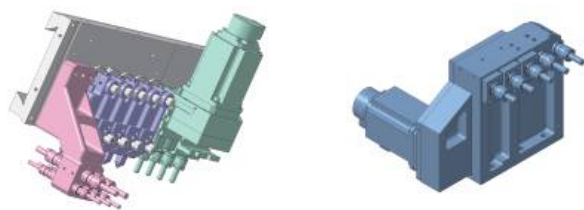


Tool Layout



Main

Sub

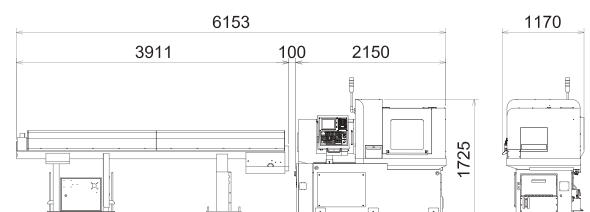


Turning tool	5 tools	I.D tool	3 tools
Cross drill	4 tools	I.D tool (driven)	2 tools
I.D tool	5 tools		
I.D tool (rear : OP)	5 tools		

Specifications

Content	Specification	Specification Value
		NN-20SB
Machining capacity	Max. machining diameter	Φ20mm
	Max. machining length	200mm / 1 chuck
	Max. parts unloading length	120mm
Spindle	Main spindle through-hole diameter	Φ23mm
	Spindle RPM (Main/Sub)	10,000rpm
	Sub spindle chucking diameter	Φ20mm
Tool	Max. number of tools	24
	Max. machining drill	Φ10mm
	Max. machining tap	M10
	O.D. tool	5 (□12.7X150mm max)
	I.D. tool	5 (ER11x3 + ER16x2) (OP : Rear 5)
	Cross drill	4 (ER16)
	Cross drill RPM	6,000rpm
	I.D. fixed tool	3 (ER16)
	I.D. rotary tool	2 (ER16)
	Sub drill RPM	6,000rpm
Feed	Rapid feed rate	30m/min X1: 20m/min, Y1 : 24m/min
	Min. command unit	0.0001mm
	C-axis min. command unit (Main/Sub)	0.0001°
Motor	Main spindle motor	3.7/1.5kW
	Cross drill motor	0.9kW (Mitsubishi) 1.0kW (Fanuc)
	Sub spindle motor	3.7/1.5kW
	Sub rotary motor	0.9kW (Mitsubishi) 1.0kW (Fanuc)
	Coolant pump (Main/Sub)	0.25kW
	Lubricant pump	0.003kW
Dimensions and etc.	Main spindle center height	1,050mm
	Input power capacity	13KVA
	Air pressure/Flow rate	0.6MPa 35L/min
	Coolant tank	120L
	WxDxH	2,150x1,170x1,725 mm
	Weight (Standard accessories included)	1,950kg
NC	NC UNIT	M80 Type A (Mitsubishi) 01 TF Plus (Fanuc)
	NC display	8.4 Color TFT LCD (Mitsubishi) 10.4 Color TFT LCD (Fanuc)
	Memory capacity	500KB (Mitsubishi) 2MB (Fanuc)
	No. of tool offset	256sets (Mitsubishi) 128sets (Fanuc)

Machine Layout

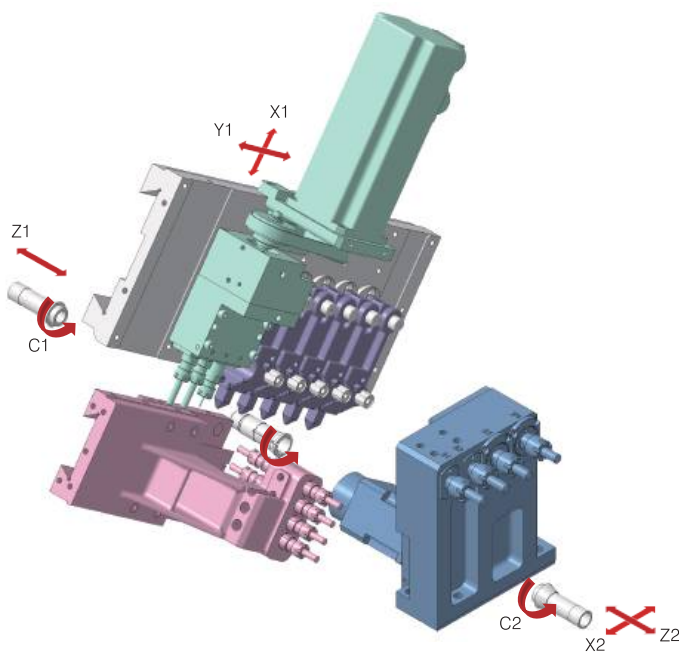


NN-16SB7

SWISS TYPE CNC AUTOMATIC LATHE

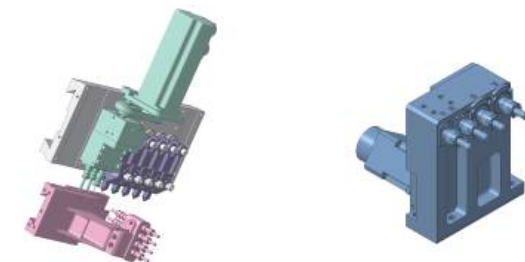


Tool Layout



Main

Sub

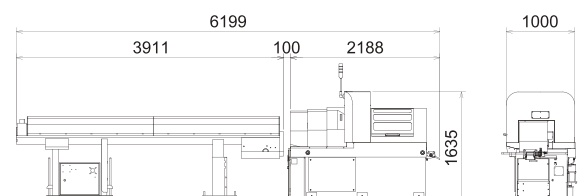


Turning tool	5 tools	I.D tool	2 tools
Cross drill	3 tools	I.D tool (driven)	2 tools
I.D tool	4 tools		
I.D tool (rear : OP)	4 tools		

Specifications

Content		Specification	Specification Value
			NN-16SB7
Machining capacity		Max. machining diameter	Φ16mm
		Max. machining length	115mm / 1 chuck
		Max. parts unloading length	80mm
Spindle		Main spindle through-hole diameter	Φ17mm
		Spindle RPM (Main/Sub)	10,000rpm / 7,000rpm
		Sub spindle chucking diameter	Φ16mm
		Max. number of tools	20
Tool	Type	Max. machining drill	Φ7mm
		Max. machining tap	M6 / M8
		O.D. tool	5 (□12.7X130mm max)
		I.D. tool	4 (ER11) (OP:Rear 4)
	Main	Cross drill	3 (ER11)
		Cross drill RPM	8,000rpm
		I.D. fixed tool	2 (ER16)
		I.D. rotary tool	2 (ER16)
		Cross drill RPM	6,000rpm
		Cross drill RPM	6,000rpm
Feed		Rapid feed rate	30m/min X1: 20m/min
		Min. command unit	0.0001mm
		C-axis min. command unit (Main/Sub)	0.0001°
Motor		Main spindle motor	2.2/1.5kW
		Cross drill motor	0.4/0.15kW(Mitsubishi) / 1.0kW(Fanuc)
		Sub spindle motor	0.75/0.3kW(Mitsubishi) / 1.1/0.5kW(Fanuc)
		Sub rotary motor	0.4kW(Mitsubishi) / 0.5kW(Fanuc)
		Coolant pump (Main/Sub)	0.25kW
		Lubricant pump	0.003kW
Dimensions and etc.		Main spindle center height	1,000mm
		Input power capacity	10KVA
		Air pressure/Flow rate	0.6MPa.30L/min
		Coolant tank	100L
		WxDxH	2,188 x 1,000 x 1,635mm
		Weight (Standard accessories included)	1,950kg
NC		NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus (Fanuc)
		NC display	8.4 Color TFT LCD(Mitsubishi) / 10.4 Color TFT LCD(Fanuc)
		Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)
		No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)

Machine Layout

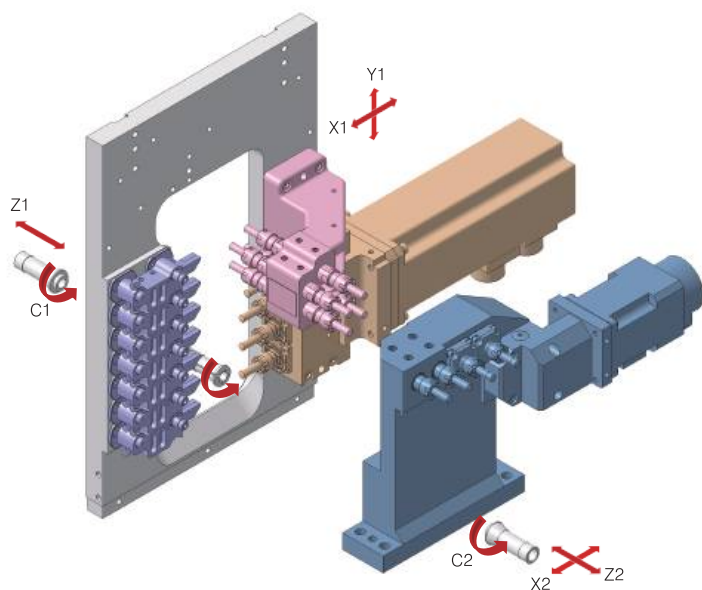


NN-10EX2

SWISS TYPE CNC AUTOMATIC LATHE

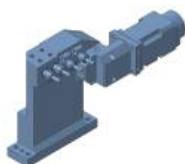
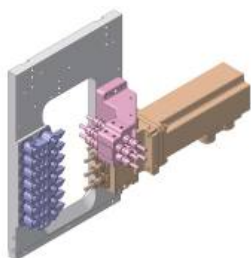


Tool Layout



Main

Sub

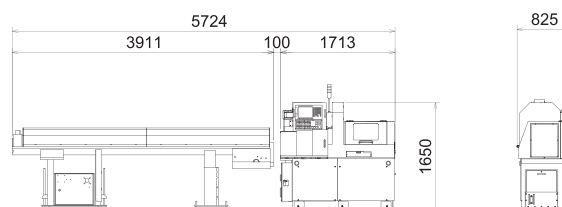


Turning tool	6 tools	I.D tool	2 tools
Cross drill	4 tools	I.D tool (driven)	2 tools
I.D tool	4 tools		
I.D tool (rear : OP)	4 tools		

Specifications

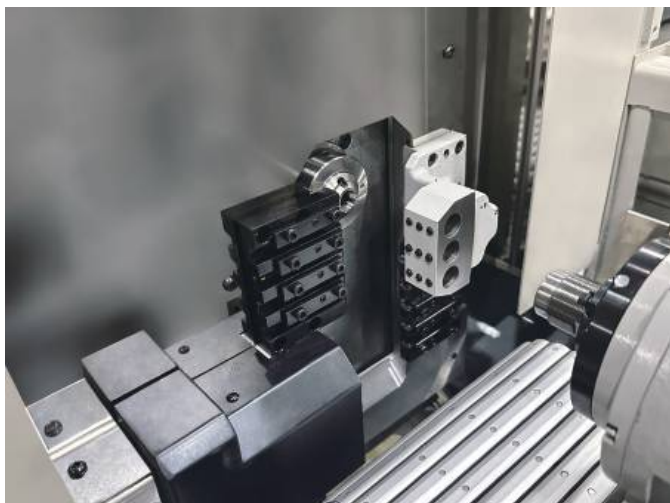
Content	Specification	Specification Value	
		10EX2	
Machining capacity	Max. machining diameter	Φ10mm	
	Max. machining length	110mm / 1 chuck	
	Max. parts unloading length	50mm	
Spindle	Main spindle through-hole diameter	Φ13mm	
	Spindle RPM (Main/Sub)	15,000rpm	
	Sub spindle chucking diameter	Φ10mm	
Tool	Type	Standard	K
	Max. number of tools	22	
	Max. machining drill	Φ7mm	
	Max. machining tap	M6	
	O.D. tool	6 (□10x100mm)	
	I.D. tool	4 (ER11) (OP : Rear 4)	
Main	Cross drill	4 (ER11)	
	Cross drill RPM	10,000rpm	
SUB	I.D. fixed tool	4 (ER11)	2 (ER11)
	I.D. rotary tool	-	2 (ER11)
Feed	Rapid feed rate	30m/min	
	Min. command unit	0.0001mm	
	C-axis min. command unit (Main/Sub)	0.0001°	
Motor	Main spindle motor	3.7/1.5kW (Mitsubishi) 3.7/2.2kW (Fanuc)	
	Cross drill motor	0.4/0.15kW (Mitsubishi) 0.5kW (Fanuc)	
	Sub spindle motor	1.5/0.75kW (Mitsubishi) 1.1/0.75kW (Fanuc)	
	Sub rotary motor	0.4kW (Mitsubishi) 0.5kW (Fanuc)	
	Coolant pump	0.25kW	
	Lubricant pump	0.003kW	
Dimensions and etc.	Main spindle center height	1,000mm	
	Input power capacity	13KVA	
	Air pressure/Flow rate	0.6MPa.30L/min	
	Coolant tank	110L	
	WxDxH	1,713 x 825 x 1,650mm	
	Weight (Standard accessories included)	1,650kg	
NC	NC UNIT	M80 Type A (Mitsubishi) 0i-TP Plus (Fanuc)	
	NC display	8.4 Color TFT LCD (Mitsubishi) 10.4 Color TFT LCD (Fanuc)	
	Memory capacity	500KB (Mitsubishi) 2MB (Fanuc)	
	No. of tool offset	256 Sets (Mitsubishi) 128 Sets (Fanuc)	

Machine Layout

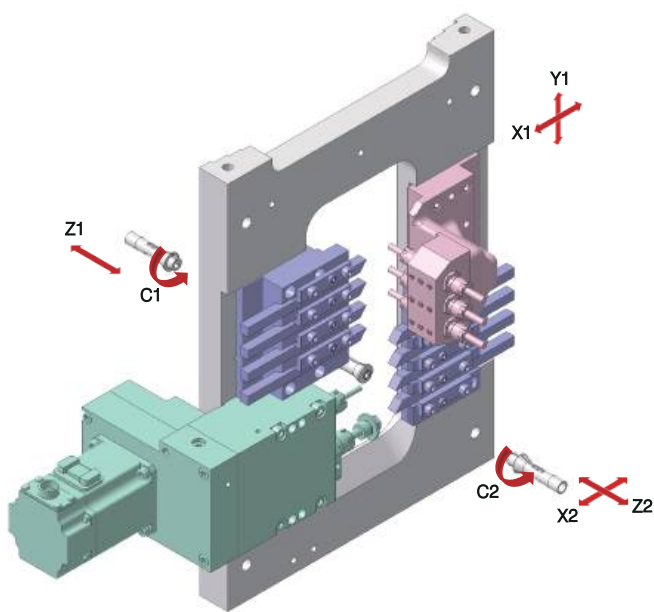


NN-3X

SWISS TYPE CNC AUTOMATIC LATHE

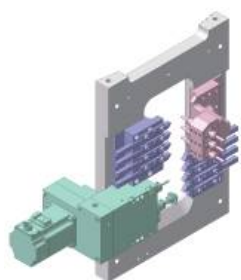


Tool Layout



Main

Sub



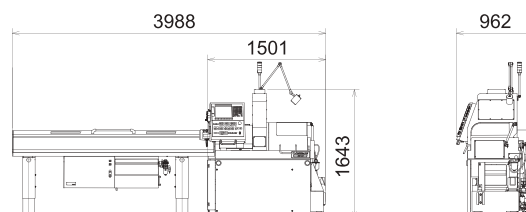
Turning tool 8 tools
Cross drill 2 tools
I.D tool 3 tools

I.D tool(OP) 3 tools

Specifications

Content	Specification	Specification Value
		NN-3X
Machining capacity	Max. machining diameter	Φ3mm
	Max. machining length	30mm / 1 chuck
	Max. parts unloading length	30mm
Spindle	Main spindle through-hole diameter	Φ4mm
	Spindle RPM (Main/Sub)	16,000rpm
	Sub spindle chucking diameter	Φ3mm
Tool	Max. number of tools	16(OP: 17)
	Type	
	Max. machining drill	Φ2mm
	Max. machining tap	M1
	Main	O.D. tool
		8 (□8X100mm max)
		I.D. tool
		3 (ER8)(OP: Rear 3)
	SUB	Cross drill
		2 (ER11)(OP: 3)
		Cross drill RPM
Feed	Rapid feed rate	20m/min
	Min. command unit	0.0001mm
	C-axis min. command unit (Main/Sub)	0.0001°
Motor	Main spindle motor	1.1/0.75kW
	Cross drill motor	0.35kW
	Sub spindle motor	1.1/0.75kW
	Sub rotary motor	-
	Coolant pump (Main/Sub)	0.25kW
	Lubricant pump	0.003kW
Dimensions and etc.	Main spindle center height	950mm
	Input power capacity	9KVA
	Air pressure/Flow rate	0.6MPa: 30L/min
	Coolant tank	65L
	WxDxH	1,501 x 962 x 1,643 mm
	Weight (Standard accessories included)	1,000kg
NC	NC UNIT	0i-TF Plus (Fanuc)
	NC display	10.4 Color TFT LCD
	Memory capacity	2MB
	No. of tool offset	128sets

Machine Layout

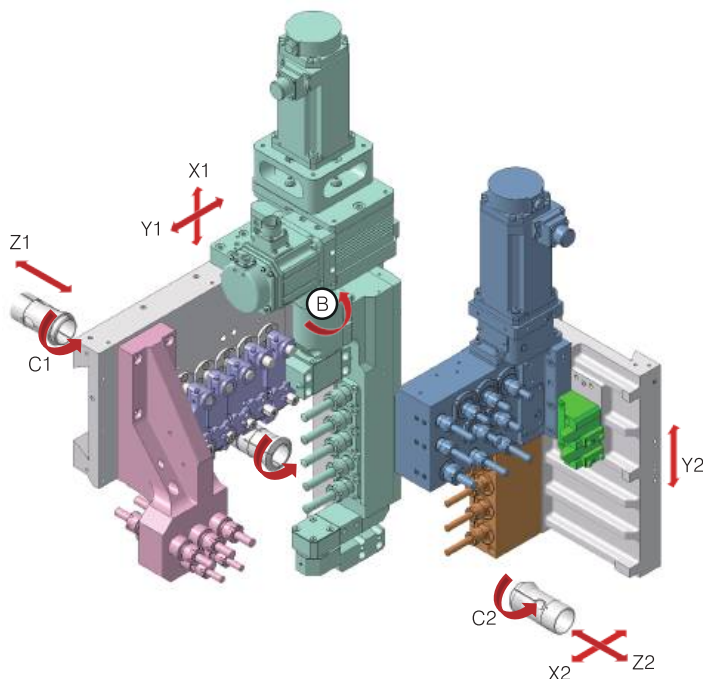


NN-38J-XB

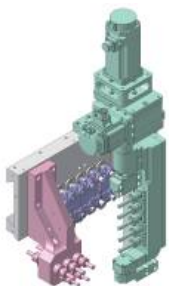
SWISS TYPE CNC AUTOMATIC LATHE



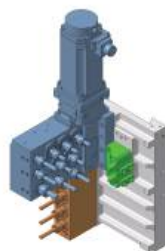
Tool Layout



Main



Sub

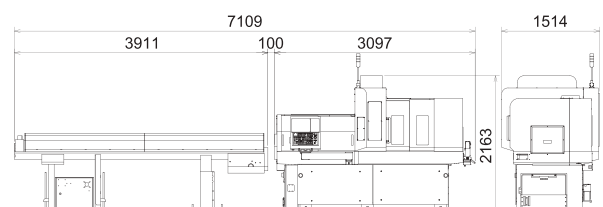


Turning tool	5 tools	Turning tool	2 tools
Cross drill	5 tools	Cross drill	4 tools
I.D tool	5 tools	I.D tool	5 tools
I.D tool (rear : OP)	5 tools	I.D tool (driven)	5 tools

Specifications

Content	Specification	Specification Value
		NN-38JXB
Machining capacity	Max. machining diameter	Φ38mm
	Max. machining length	300mm / 1 chuck
	Max. parts unloading length	100mm
	Main spindle through-hole diameter	Φ43mm
Spindle	Spindle RPM (Main/Sub)	8,000rpm
	Sub spindle chucking diameter	Φ38mm
	Type	Standard
Tool	Type	Max. number of tools
		31(OP : 32)
		Max. machining drill
		Φ13mm
	Main	Max. machining tap
		M12
		O.D. tool
		5 (□16x150mm max)
	SUB	I.D. tool
		5 (ER16X2, ER20x3)
		Cross drill
		5 (ER20)
Feed	Main	Cross drill RPM
		6,000rpm
		O.D. tool
		2 (□16 (OP : 3)
	SUB	I.D. fixed tool
		5 (ER16x4, ER20x1)
		I.D. rotary tool
		5 (ER16)
	Feed	Cross drill
		4 (ER16x3, ER20x1)
		Cross drill RPM
		6,000rpm
Motor	Rapid feed rate	30m/min
		Min. command unit
		0.0001mm
		C-axis min. command unit (Main/Sub)
	Main spindle motor	0.0001"
		7.5/5.5kW (Mitsubishi) / 11.0/5.5kW (Fanuc)
		Cross drill motor
		1.5kW (Mitsubishi) / 2.2kW (Fanuc)
Dimensions and etc.	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)
	Lubricant pump	0.4kW
		0.003kW
		Main spindle center height
		1,100mm
NC	Input power capacity	25KVA
		Air pressure/Flow rate
		0.6MPa, 45L/min
		Coolant tank
	WxDxH	200L
		3,097x1,514x2,163mm
		Weight (Standard accessories included)
		3,800kg
	NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus(Fanuc)
		NC display
		10.4" Color LCD
		Memory capacity
	No. of tool offset	500KB (Mitsubishi) / 2MB (Fanuc)
		256 Sets (Mitsubishi)/ 1285Sets (Fanuc)

Machine Layout

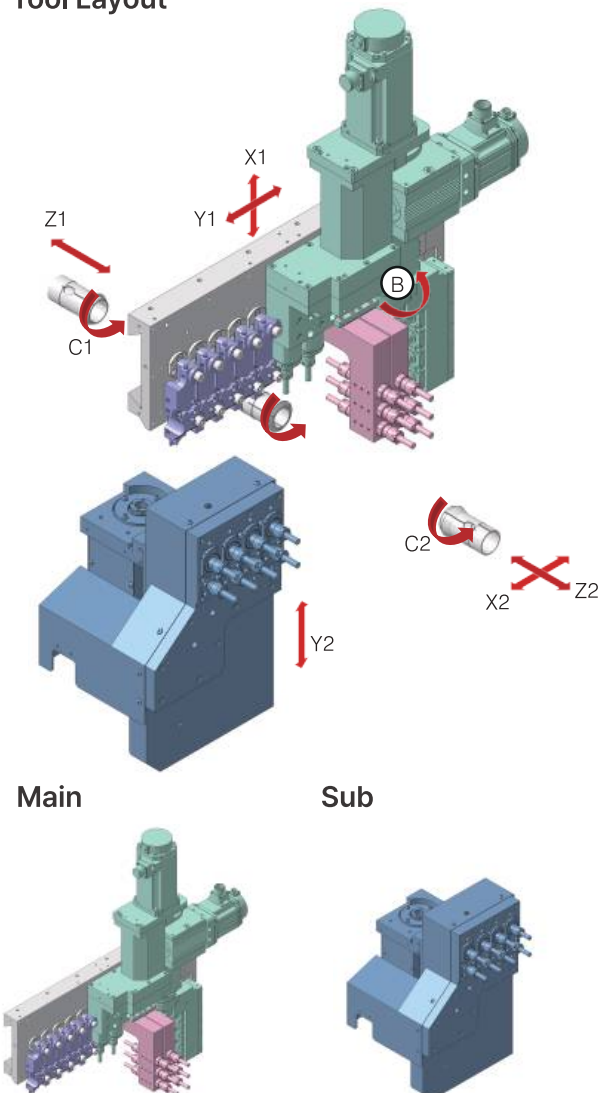


NN-38KM-XB

SWISS TYPE CNC AUTOMATIC LATHE



Tool Layout



Main

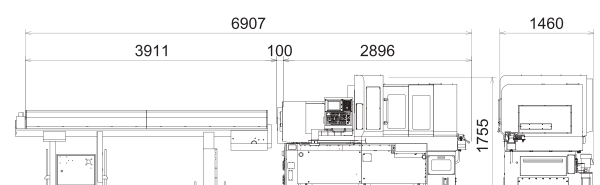
Sub

Turning tool	5 tools	I.D tool	4 tools
Cross drill	6 tools	I.D tool (driven)	4 tools
I.D tool	6 tools		
I.D tool (rear : OP)	6 tools		

Specifications

Content	Specification	Specification Value
		NN-38KMXB
Machining Capacity	Max. machining diameter	Φ38mm
	Max. machining length	260mm / 1 chuck
	Max. parts unloading length	125mm
Spindle	Main spindle through-hole diameter	Φ43mm
	Spindle RPM (Main/Sub)	8,000rpm
	Sub spindle chucking diameter	Φ38mm
Tool	Type	Max. number of tools
		27 (5 axis) / 31 (6 axis)
		Max. machining drill
	Main	Max. machining tap
		Φ13
		M12
Tool	Main	O.D. tool
		5 (□16X150mm max)
		I.D. tool
	Sub	6 (ER16) (OP : Rear 6)
		Cross drill
		6 (ER16)
Feed	Main	Cross drill RPM
		6,000rpm
		I.D. fixed tool
	Sub	2 (ER16) (5 axis) / 4 (ER16) (6 axis)
		I.D. rotary tool
		4 (ER16) (5 axis) / 4(ER16) (6 axis)
Motor	Feed	Sub drill RPM
		6,000rpm
		Rapid feed rate
	Motor	32m/min, (OP : Y2 : 24m/min)
		Min. command unit
		0.0001mm
Dimensions and etc.	C-axis min. command unit (Main/Sub)	0.0001°
	Main spindle motor	7.5/5.5kW (Mitsubishi) / 11.0/7.5kW (Fanuc)
		Cross drill motor
		1.5kW (Mitsubishi) / 2.2kW (Fanuc)
NC	Sub spindle motor	7.5/3.7kW (Mitsubishi) / 7.5/5.5kW (Fanuc)
		Sub rotary motor
		0.9kW (Mitsubishi) / 1.0kW (Fanuc)
	Coolant pump	1.1kW
		Lubricant pump
		0.003kW
NC	Main spindle center height	1,025mm
		Input power capacity
		24KVA
	Air pressure/flow rate	0.6MPa, 45L/min
		Coolant tank
		250L
NC	WxDxH	2,896x1,460x1,755 mm
		Weight (Standard accessories included)
		3,800kg
	NC UNIT	M80 Type A(Mitsubishi) / 0I-TF Plus(Fanuc)
		NC display
		8.4 Color TFT LCD(Mitsubishi) / 10.4 Color TFT LCD(Fanuc)
NC	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)
		No. of tool offset
		256sets(Mitsubishi) / 128sets(Fanuc)

Machine Layout

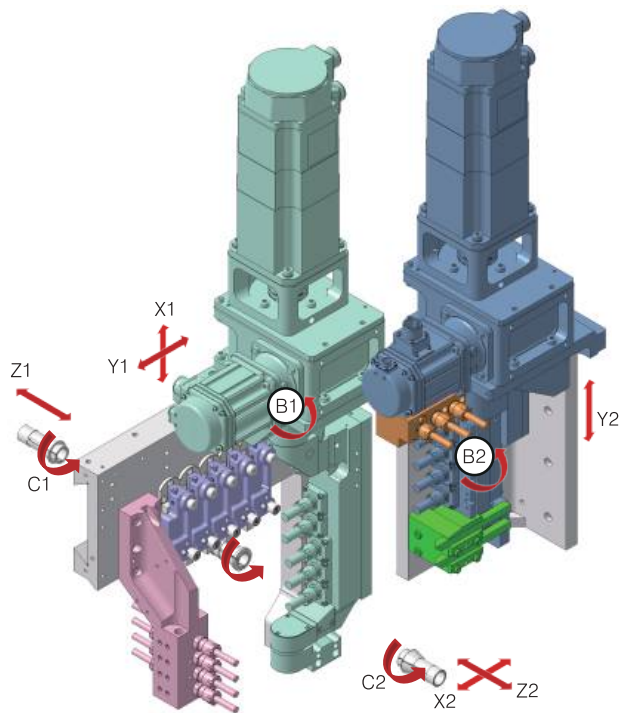


NN-20J3-XB

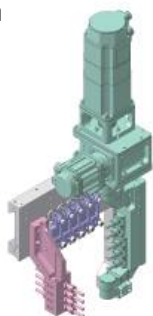
SWISS TYPE CNC AUTOMATIC LATHE



Tool Layout



Main



Sub



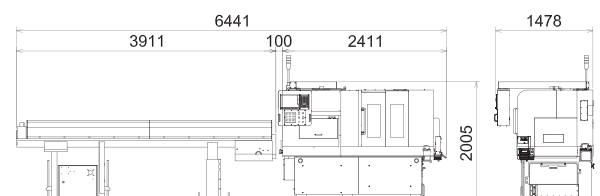
Turning tool 5 tools
Cross drill 5 tools
I.D tool 4 tools
I.D tool (rear : OP) 4 tools

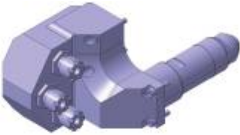
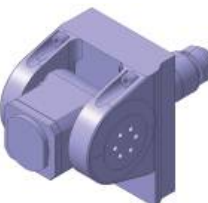
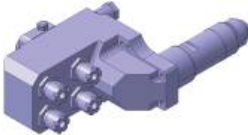
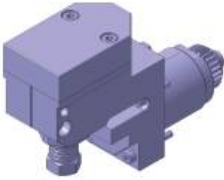
Turning tool 2 tools
Cross drill 4 tools
I.D tool 3 tools

Specifications

Content	Specification	Specification Value		
		NN-20J3XB		
Machining capacity	Max. machining diameter	Φ20mm		
	Max. machining length	200mm / 1 chuck		
	Max. parts unloading length	93mm		
	Main spindle through-hole diameter	Φ23mm		
Spindle	Spindle RPM (Main/Sub)	10,000rpm		
	Sub spindle chucking diameter	Φ20mm		
Tool	Type	Type A	Type B	Type C
	Max. number of tools	29	28	27
	Max. machining drill	Φ10mm		
	Max. machining tap	M8		
Main	O.D. tool	5 (□12.7X150mm)	6 (□12.7X150mm)	5 (□12.7X150mm)
	I.D. tool	4 (ER16) (OP : Rear 4)		
	Cross drill	5 (ER16)(B1 axis)	5 (ER16)	5 (ER16)(B1 axis)
	Cross drill RPM	6,000rpm		
	O.D. tool	2 (□12.7X150mm max)		
	I.D. fixed tool	3 (ER16)		
	I.D. rotary tool	3 (ER11)	—	
	Cross drill	3 (ER16)	4 (ER16)(B2 axis)	4 (ER16)(B2 axis)
SUB	Cross drill RPM	6,000rpm		
	Rapid feed rate	X1,Y1,X2,Y2 : 28m/min Z1,Z2 : 30m/min		
	Min. command unit	0.0001mm		
	C-axis min. command unit (Main/Sub)	0.0001°		
Motor	Main spindle motor	3.7/1.5kW		
	Cross drill motor	1.5/0.55kW (Mitsubishi), 1.0kW (Fanuc)		
	Sub spindle motor	3.7/1.5kW		
	Sub rotary motor	1.5/0.55kW (Mitsubishi), 1.0kW (Fanuc)		
	Coolant pump (Main/Sub)	0.25kW X 2		
Dimensions and etc.	Lubricant pump	0.015kW		
	Main spindle center height	1,010mm		
	Input power capacity	17KVA		
	Air pressure/Flow rate	0.8MPa, 35L/min		
	Coolant tank	160L		
	WxDxH	2,411x1,478x2,005 mm		
	Weight (Standard accessories included)	2,800kg		
NC	NC UNIT	M80 Type A(Mitsubishi) / 0i-TF Plus(Fanuc)		
	NC display	10.4 Color TFT LCD		
	Memory capacity	500KB(Mitsubishi) / 2MB(Fanuc)		
	No. of tool offset	256sets(Mitsubishi) / 128sets(Fanuc)		

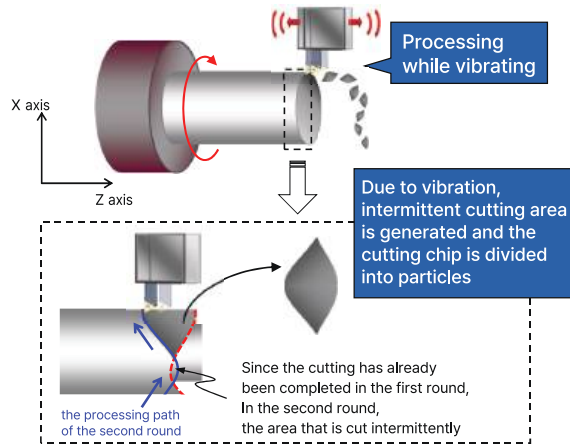
Machine Layout



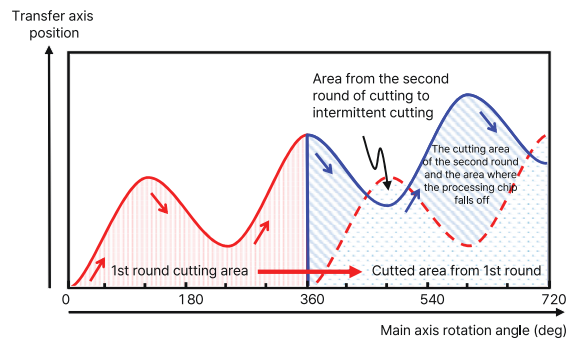
				
Drilling/Milling	Drilling/Milling	Polygon	Eccentric Drilling (E1)	Eccentric Drilling (E2)
				
Eccentric Drilling (E3)	Angle(90°)	Whirling	Gear Hobbing	Whirling
				
Eccentric Drilling (E3)	Angle(90°)	Gear Hobbing	Angle(90°)	Angle(90°)
				
Eccentric Drilling (E4)	Triple speed Drilling/Milling	Drilling/Milling	Slotting	Cross Drilling

Micro Vibration Turning - MVT

- By processing the transfer shaft while vibrating in the cutting direction, the cutting chip is divided into small pieces.



- The cutting chip is divided, so it is easy to process the processing chip
- Heat is suppressed and tool life is improved
- Easy processing of rough materials at high speed



Special feature

- The cutting chip can be divided by giving the transfer shaft vibrations synchronized with the rotation of the main shaft to generate intermittent cutting areas during cutting processing, High-speed processing is possible that facilitates the processing of rough materials such as stainless steel.
- Because the cutting chips are divided, the processing of the cutting chips becomes easier.
- Since it suppresses heat generation during cutting processing, tool life can be improved.



Cutting chip when not in use with vibration cutting control function



Cutting chip when applying vibration cutting control function

NOMURA DS Option Table

◆ option available ◇ custom-made

Option		38DB	38J	38KM	38UB8	32DB	32J	32UB8	26KM	25UB8	20J3	20SB	20UB8	16SB7	10J	10EX2
Main Tool	Eccentric tool (E3/E2/E1)	◇	◆	◆	◆	◇	◆	◆	◇	◆	◆	◆	◆	◆	◆	◆
	Whirling unit	-	◇	-	◆	-	◇	-	-	◆	◆	-	◆	-	-	-
	Angle drilling unit	-	◆	◆	◆	-	◆	-	-	◆	◆	-	◆	-	-	-
	Gear hobbing	-	◆	-	◆	-	◆	-	-	-	◆	-	-	-	-	-
	Triple speed cross drill	-	-	-	-	-	-	-	-	◆	-	◆	◆	-	-	-
	Polygon tool	-	◆	-	-	-	◆	-	-	-	-	-	-	-	-	-
	Long drill holder	-	-	-	◆	-	-	-	◆	-	-	-	-	-	-	-
Sub Tool	Slotting tool	-	-	◆	-	-	-	-	◇	-	-	◆	-	◆	-	◆
	Cross drilling unit	-	-	-	-	-	-	-	-	◆	-	-	◆	-	-	-
	Quadruple speed eccentric drill	-	-	-	-	-	-	-	-	-	-	-	-	◆	-	-
Utilities	Fixed guide bush	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Oil mist collector	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	High pressure coolant device (70Bar/120Bar)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Automatic fire extinguisher	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Tool presetter	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Chip conveyor	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
	Smart chip conveyor	◇	◆	-	◆	◇	◆	-	-	-	◆	-	-	-	◆	-
	Screw chip conveyor	-	◆	-	◆	-	◆	-	-	-	◆	-	-	-	◆	-

NOMURA CNC Applicable Industries



NOMURA DS YouTube CHANNEL



대성하이텍 NOMURA DS _ Official channel

홈

동영상

재생목록

채널

정보

🔍

Introduction Video of Daesung Hi-tech

대성하이텍 NOMURA DS _ Official channel

#(주)대성하이텍 #NOMURA DS #자동차선반 #Auto-lathe #topdshl #dsht #입금센터 #Tapping Center #정밀기계부품 #기계부품

Promotional Video ▶ 모두 재생

(주)대성하이텍 회사 홍보 영상 (한국어)

대성하이텍 NOMURA DS _ Official...

大成ハイテック PR映像

대성하이텍 NOMURA DS _ Official...

Introduction Video of Daesung Hi-tech

대성하이텍 NOMURA DS _ Official...

大成高科 公司介绍视频

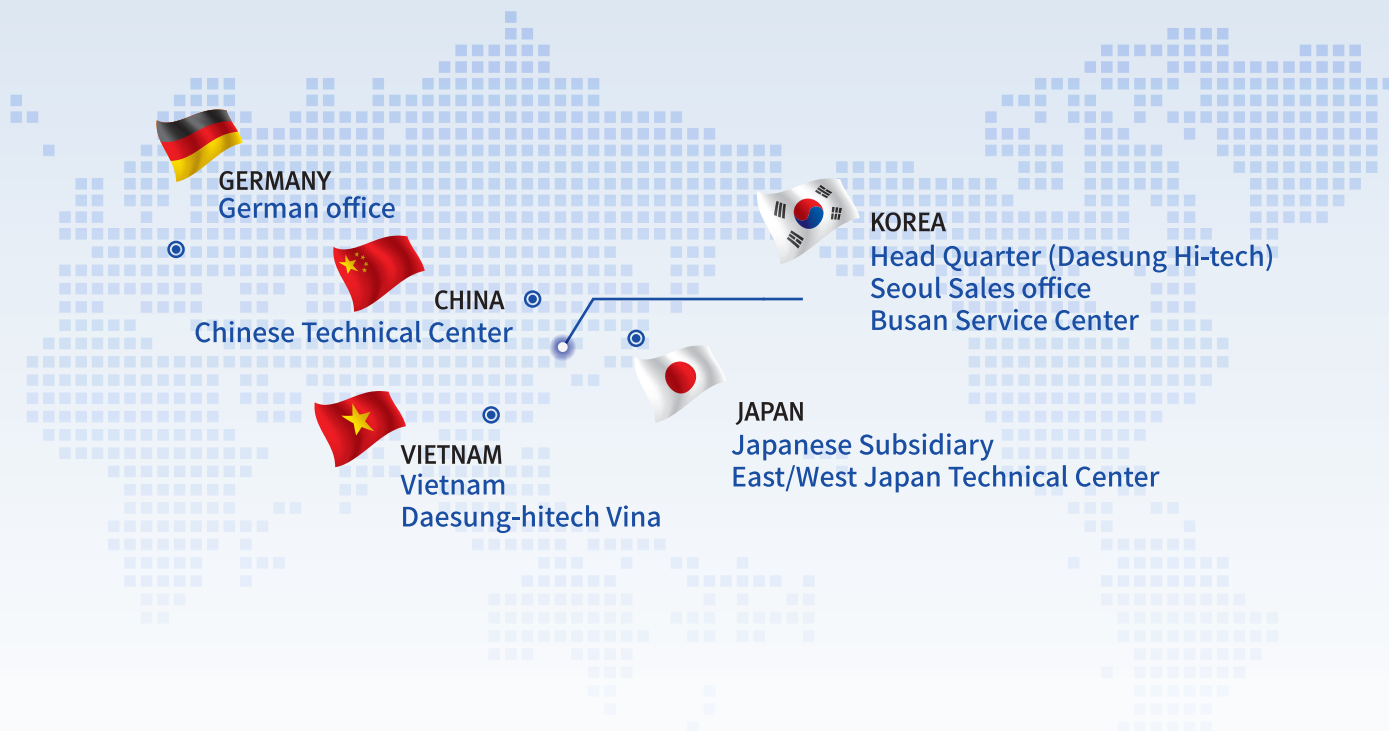
대성하이텍 NOMURA DS _ Official...

Unternehmenspräsentation - Daesung Hi-Tech (German)

대성하이텍 NOMURA DS _ Official...

25

□ Overseas Technical Center



DAESUNG HI-TECH
10, Techno-daero 2-gil,
Hyeonpung-myeon Dalseonggun,
Daegu 43020, Korea



West Japan Technical Center
909, wakada3, midori-ku, aichi-pref



East Japan Technical Center
5-6, imadera4, ome-city, tokyo



Vietnam DAESUNG HI-TECH VINA
TS9 Street, Tien Son Industrial Zone,
Tuong Giang Commune, Tu Son Town,
Bac Ninh Province



German Office
Ludwig-Erhard-Str. 30-34, 65760 Eschborn,
Germany



DAESUNG HI-TECH CO.,LTD

10, Techno-daero 2-gil, Hyeonpung-myeon, Dalseong-gun, Daegu 43020, Korea
Tel +82-53-608-3600(Head office) / +82-53-608-3630, 3633, 3667(Sales 2 team)
Fax +82-53-592-6577
URL www.topdsht.com
E-mail dsht@topdsht.com / sales1@topdsht.com



NOMURADS CO.,LTD

3-1-12, IMAI, OME-CITY, TOKYO
198-0023, JAPAN
Tel +81-428-30-1313
Fax +81-428-30-1323
URL www.nomurads.com
E-mail dsht@topdsht.com
sales1@topdsht.com



DAESUNG HI-TECH VINA

TS9 Street, Tien Son Industrial Zone,
Tuong Giang Commune, Tu Son Town,
Bac Ninh Province
Tel +84-241-3734-4125~6
Fax +84-241-3734-4124
E-mail hb.kim@topdsht.com
hbkim90@gmail.com



Hanzung Numerical control CO., LTD

Xuling Village, Xinhua Street, Zhuanghe city,
Dalian Liaoning Province, China (Xinhua Industrial Zone)
Tel +86-411-89812963
Fax +86-411-89812962



German office

Ludwig-Erhard-Str. 30-34,
D-65760 Eschborn, Deutschland
Tel +49-6196-969-5946
E-mail info@nomurads.de





Specifications may be subject to change without prior notice
(for the purpose of quality improvement and function)