

NN-20CS

C series NEW MODEL

Heavy cutting machine for \$1 (Adopts UB Series TOOL)

Built-in spindle motor (2.2 / 3.7 KW)

NEW NC M70 built in

Rapid feed rate speed of 36m/min.

Spindle diameter 25mm (Optional spec.)



NOMURA VTC

NOMURA VTC AUTOMATIC LATHE CO.,LTD.

Specification Item		Specification Value	Standard Accessories
Max. Machining Capabilities	Machining diameter	φ20mm / φ25mm (Option)	4 Live tool unit
	Machining length	200mm/1 chuck	Frontal 4-drill attachment
	Max. Parts unloading length	200mm	Tool holder □ 12.7(5pcs.)
Main Spindle	Main spindle through-hole diameter	φ24mm / φ27mm (Option)	Main spindle cooling unit
	Main spindle RPM	10,000 r.p.m max.	Automatic lubricator (w/level detection)
	Max. no. of tools(as standard)	13	Coolant oil cut-off detector
\$1	OD(□ 12.7×150mmMax)	5 (Option 6)	Cut-off tool breakage detector
	Frontal hole ER16	4	Door safety interlock
	Live tool ER16	4	Main spindle load detection mode
	Max. frontal drill diameter	φ10mm	Automatic power interception
	Max. frontal drill length	40mm	Parts catcher
	Max. frontal tap diameter	M8	Leveling pads
	Max. live tool; spindle drill diameter	φ8mm	
	Max. live tool spindle tap diameter	M6	
	Live main tool spindle	6,000r.p.m max.	
	Rapid feed speed rate	36m/min.	
	Min. command unit	0.0001mm	
	Main spindle C-axis min command unit	0.0001°	
	Main spindle motor	2.2/3.7kW	
Motor	Live tool motor	0.75kW	
	Axis feed motor X1, Z1	1.0kW	
	Axis feed motor Y1	0.5kW	
Dimensions and Others	Coolant pump	0.25kW	
	Lubricant pump	0.003kW	
	Main spindle center height	1000mm	
	Pneumatic pressure & flow rate	0.6MPa, 50L/min.	
	Coolant tank	63L	
	Lubricant tank	0.8L	
	W×D×H	1650×1030×1680mm	
	Weight(incl. options)	1300kg	
	MITSUBISHI NC	M70	
	NC display (8.4 color TFT LCD)		
NC Standard Function	Machining program memory capacity	600m	
	Number of tool off-set correction	80 pcs.	
	Background programming editing function		
	Main spindle C-axis function		
	User macro function		
	Tool nose wear compensation		
	Corner chamfering/Corner rounding		
	Fixed cycle		
	Complex fixed cycle		
	Geometric commands		
	Operation manual		
	Serial In/Output interface		
	CF Card interface		
			Optional Accessories
			Synchronous rotary guide bush 20
			Synchronous rotary guide bush 25 CD
			Synchronous rotary guide bush 25 CD sleeve nut
			Synchronous rotary guide bush drive unit
			Fixed guide bush 20
			Fixed guide bush 25
			Main spindle φ25mm
			5 Live tool unit
			E3 Unit
			Chuck sleeve · Spring · Spindle cap(\$1) P-20
			Drill holder φ22-10-70
			Tap holder φ22-94L
			ALPS TOOL NA NUT
			REGO-FIX ERM NUT
			Working light (High luminous LED)
			Tool holder □ 12.7 (additional)
			Drill holder for deep hole
			Tap holder for deep hole
			Tool presetter
			Manual pulse generator 37P
			NC display language (English/Chinese/Korean)
			Pipe type parts unloader (I.D φ5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 22mm)
			Spindle tube liner for small parts (8,12)
			Override switch
			Machine hanger bolt
			Signal warning light, 3-stage
			Lightning surge protection function
			Automatic fire extinguisher
			Oil mist collector
			Tooling
			Working tool set



Tool Post specification

The Tool Post adopts the same Tool Post as UB series which enables to heavy-cutting and keep high accuracy.

- Tool Holder □ 12.7×5
- Frontal 4-drill attachment (ER-16)
- 4 Live tool unit (ER-16)

(No Live tool can be selected by optional specification.)

The above-mentioned machine capability is for the case when work material is SUS303.

Depending on the processing condition such as the quality of work material and the tools to be used, machine capabilities values may differ from the above-mentioned values.

Note: The specification is based on the specifications applied within Japan. Specifications are subject to change without notice.

Note: This product could be classified as strategic item or other export regulated under the Foreign Exchange and Foreign Trade Law. Contact our sales representative when exporting this product.

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