



NIIGATA MACHINE TECHNO

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- LARGEST WORK ZONE
- HIGH PRODUCTIVITY
- HIGH SPEED

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FLEXIBILITY, PRODUCTIVITY AND ACCURATE LEADS TO HIGH PRODUCTION MACHINING

**NIIGATA HN1000-S Machine Specifications**

	ITEM	HN1000-S	
		Metric	Inch
TRAVEL & WORK CAPACITY	X axis travel (longitudinal table)	2030 mm	79.92 "
	Y axis travel (vertical head)	1650 mm	64.96 "
	Z axis travel (column in & out)	1200 mm	47.24 "
TABLE	Table working surface	1000 x 1000 mm	39.4 x 39.4 "
	Table increments	1° [0.001°]	1° [0.001°]
	Maximum mass on pallet	3500 kg [5000 kg]	7700 lbs [11000 lbs]
SPINDLE	Spindle speeds	6000 min-1	6000 rpm
	Spindle drive motor	AC 37 / 30 Kw	AC 50 / 40 HP
	Spindle max. torque	200 N·m [1948 N·m]	886 ft.lbs [1438 ft.lbs]
	Spindle taper	No.50	No.50
AUTOMATIC TOOL CHANGER (ATC)	Tool magazine capacity	62[88/128] [126/178/230]	62[88/128] [126/178/230]

**NIIGATA HN1000-S BAR Machine Specifications**

	ITEM	HN1000-S BAR	
		Metric	Inch
TRAVEL & WORK CAPACITY	X axis travel (longitudinal table)	2030 mm	79.92 "
	Y axis travel (vertical head)	1500 mm	59.06 "
	Z axis travel (column in & out)	1200 mm	47.24 "
	W axis travel (spindle quill)	535 mm	21.1 "
TABLE	Table working surface	1000 x 1000 mm	39.4 x 39.4 "
	Table increments	1° [0.001°]	1° [0.001°]
	Maximum mass on pallet	3500 kg [5000 kg]	7700 lbs [11000 lbs]
SPINDLE	Spindle speeds	3500 min-1	3500 rpm
	Spindle drive motor	AC 26 / 22 Kw	AC 35 / 30 HP
	Spindle max. torque	827 N·m	610 ft.lbs
	Spindle taper	No.50	No.50
	Spindle quill diameter	130 mm	5.12 "
AUTOMATIC TOOL CHANGER (ATC)	Tool magazine capacity	62[88/128] [126/178/230]	62[88/128] [126/178/230]

\* [ ] optional