

Company  
 会社概要

 Product  
 製品紹介

- Machine Tools
- Plastic Injection

 Sales  
 営業拠点

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## Product 製品紹介



NIIGATA MACHINE TECHNO

machine tools TOP

SPN-01 Series is built better by DESIGN, resulting in significant improvements in speed, accuracy and capacity.

ITEM		SPN501		SPN503		SPN701		SPN901	
		Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
TRAVEL & WORK CAPACITY	X axis travel (longitudinal table)	800 mm	31.5"	800 mm	31.5"	1000 mm	39.4"	1500 mm	59.1"
	Y axis travel (vertical head)	750 mm	29.5"	750 mm	29.5"	950 mm	37.4"	1300 mm	51.2"
	Z axis travel (column in & out)	750 mm	29.5"	750 mm	29.5"	850 mm	33.5"	1120mm [1150mm]	44.1" [45.2"]
TABLE	Table working surface	500 x 500mm	19.7 x 19.7"	500 x 500mm	19.7 x 19.7"	630 x 630mm	24.8 x 24.8"	800 x 800mm	31.5 x 31.5"
	Table increments	1" [0.001"]	1" [0.001"]	1" [0.001"]	1" [0.001"]	1" [0.001"]	1" [0.001"]	1" [0.001"]	1" [0.001"]
	Maximum mass on pallet	600 kg	1320 lbs	600 kg	1320 lbs	1200 kg	2640 lbs	2000 kg [2500kg]	4400 lbs [5500 lbs]
SPINDLE	Spindle speeds	12,000 min <sup>-1</sup>	12,000 rpm	10,000 min <sup>-1</sup>	10,000 rpm	12,000 min <sup>-1</sup>	12,000 rpm	8000 min <sup>-1</sup>	8000 rpm
	Spindle drive motor	AC30/25kW	AC40/34HP	AC30/25kW	AC40/34HP	AC30/25kW	AC40/34HP	AC30/22kW	AC40/29.5HP
	Spindle max. torque	420Nm	310ft.lbs	420Nm	310ft.lbs	420Nm	310ft.lbs	600 Nm	443 ft.lbs
	Spindle taper	No.50	No.50	No.50	No.50	No.50	No.50	No.50	No.50
FEEDRATE	Rapid traverse X, Y, Z axis	60 m/min	2362 ipm	50 [61]m/min	1968 [2400] ipm	60 m/min	2362 ipm	50 m/min	1968 ipm
AUTOMATIC TOOL CHANGER (ATC)	Tool magazine capacity	60	60	62 [88/128]	62 [88/128]	60	60	60 [118]	60 [118]
	Matrix type	[126/178/230]	[126/178/230]	N/A	N/A	[126/178/230]	[126/178/230]	[126/178/230]	[126/178/230]
MAXIMUM WORK PIECE	Swing diameter inside machine	Φ800mm	Φ31.5"	Φ800mm	Φ31.5"	Φ1100mm	Φ43.3"	Φ1750mm	Φ68.9"
	Height	1000mm	39.4"	1000mm	39.4"	1200mm	47.2"	1400mm	55.1"

Figures in [ ] indicate optional features.



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 High-Performance & Technology For Your Future  
 Our "Technology", "Creativity", "Forward-Push"  
 creates never-ending New-Value