

VARIAXIS i-700 NEO

Table	Table size	Φ27.56" × 19.69"
	Max. workpiece size	Φ33.46" × 19.69"
	Max. load (evenly distributed)	1543 lbs
Spindle	Tool shank	CAT No.40
	Max. spindle speed	18000 rpm
	Max. torque (40% ED)	88.5 ft-lbs
	Max. torque (cont. rating)	76 ft-lbs
	Spindle motor (40% ED)	30 kW (40 HP)
	Spindle motor (cont. rating)	26 kW (35 HP)
Automatic tool changer	Tool storage capacity	30
	Max. tool diameter	Φ4 "
	Max. tool diameter (without adjacent tool)	Φ5 "
	Max. tool length (from gauge line)	14 "
	Max. tool weight	18 lbs
Travel	X-axis	25 "
	Y-axis	43 "
	Z-axis	24 "
	A-axis	-120° ~ +30°
	Distance from table top to spindle nose (table horizontal)	4 " to 28 "
Rapid traverse rate	X-axis	2362 IPM
	Y-axis	2362 IPM
	Z-axis	2205 IPM
Machine size	Machine width × length (MAZATROL SmoothAi)	94 " × 175 "
	Machine height	136 "
	Machine weight	33 lbs
	Max. tool weight	26 lbs
Travel	X-axis	27"
	Y-axis	12"
	Z-axis	62"
	X2-axis (lower turret)	9"
	Z2-axis (lower turret)	61"
	B-axis	-30° to +210°
Rapid traverse rate	X-axis	1969 IPM
	Y-axis	1575 IPM
	Z-axis	1969 IPM
	X2-axis (lower turret)	1575 IPM
	Z2-axis (lower turret)	1575 IPM
Machine size	Machine width × length	197" × 106"
	Height	107"
	Machine weight	37698 lbs
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