

VORTEX e-1600V/10S

Table	Max. workpiece size	Φ90.55" × 66.30"
	Max. load (evenly distributed)	15432 lbs
Spindle	Tool shank	CAT No.50
	Max. spindle speed	10000 rpm
	Max. torque (40% ED)	192 ft-lbs
	Max. torque (cont. rating)	141 ft-lbs
	Spindle motor (40% ED)	37 kW (50 HP)
	Spindle motor (cont. rating)	30 kW (40 HP)
Automatic tool changer	Tool storage capacity	42
	Max. tool diameter	Φ5 "
	Max. tool diameter (without adjacent tool)	Φ10 "
	Max. tool length (from gauge line)	26 "
	Max. tool weight	66 lbs
Travel	X-axis	85 "
	Y-axis	63 "
	Z-axis	53 "
	B-axis	- 30° to + 120°
Rapid traverse rate	X-axis	1654 IPM
	Y-axis	1654 IPM
	Z-axis	1654 IPM
Machine size	Machine width × length (MAZATROL SmoothAi)	343 " × 274 "
	Machine height	179 "
	Machine weight	102954 lbs