

INTEGREX i-450H ST

Bed length	Bed length type	1500U
Capacity	Max. machining diameter (upper turret)	Φ26"
	Max. machining diameter (lower turret)	Φ17"
	Max. machining length	60"
Main spindle	Chuck size	12"
	Max. spindle speed	3300 rpm
	Spindle motor (40%ED)	37 kW (50 HP)
	Spindle motor (cont. rating)	30 kW (40 HP)
Second spindle	Chuck size	10"
	Max. spindle speed	4000 rpm
	Spindle motor (40%ED)	26 kW (35 HP)
	Spindle motor (cont. rating)	22 kW (30 HP)
Milling spindle	Max. spindle speed	12000 rpm
	Max. torque (40%ED)	124 N·m
	Max. torque (cont. rating)	91.3 N·m
	Spindle motor (40%ED)	24 kW (32 HP)
	Spindle motor (cont. rating)	22 kW (30 HP)
	Min. B-axis indexing increment	0.0001°
Lower turret	Number of tools	12
	Tool shank height	1"
	Boring bar shank diameter	Φ1"
Automatic tool changer	Tool shank	HSK-A63
	Tool storage capacity	38
	Max. tool diameter	Φ4"
	Max. tool diameter (without adjacent tool)	Φ5"
	Max. tool length (from gauge line)	16"
	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