

INTEGREX i-100H ST

Bed length	Bed length type	850U
Capacity	Max. machining diameter (upper turret)	Φ600 mm
	Max. machining diameter (lower turret)	Φ400 mm
	Max. machining length	850 mm
Main spindle	Chuck size	6"
	Max. spindle speed	6000 min-1
	Spindle motor (40%ED)	11 kW (15 HP)
	Spindle motor (cont. rating)	7.5 kW (10 HP)
Second spindle	Chuck size	6"
	Max. spindle speed	6000 min-1
	Spindle motor (40%ED)	11 kW (15 HP)
	Spindle motor (cont. rating)	7.5 kW (10 HP)
Milling spindle	Max. spindle speed	12000 min-1
	Max. torque (40%ED)	57.3 N·m
	Max. torque (cont. rating)	46.1 N·m
	Spindle motor (40%ED)	12 kW (16 HP)
	Spindle motor (cont. rating)	11 kW (15 HP)
	Min. B-axis indexing increment	0.0001°
Automatic tool changer	Tool shank	HSK-A63
	Tool storage capacity	38
	Max. tool diameter	Φ90 mm
	Max. tool diameter (without adjacent tool)	Φ130 mm
	Max. tool length (from gauge line)	300 mm
	Max. tool weight	5 kg
Travel	X-axis	535 mm
	Y-axis	210 mm
	Z-axis	900 mm
	X2-axis (lower turret)	210 mm
	Z2-axis (lower turret)	900 mm
	B-axis	-30° to +210°
Rapid traverse rate	X-axis	48000 mm/min
	Y-axis	40000 mm/min
	Z-axis	40000 mm/min
	X2-axis (lower turret)	40000 mm/min
	Z2-axis (lower turret)	40000 mm/min
Machine size	Machine width × length	3415 mm × 2170 mm
	Height	2500 mm
	Machine weight	11530 kg