

SPECIFICATIONS

LOC650 GBB

Version		1ST 2000 / 1SC 1750	2ST 2000 / 2SC-1750	
CAPACITY	Controlled Axes	2	4	
	Swing Over Way Covers	mm (in)	800 (31.0) [1,050 (41.3) Chuck Swing Relief]	
	Swing Over Saddle	mm (in)	560 (22.05)	
	Max Turning Dia-Upper	mm (in)	650 (25.59) [800 (31.4) Special Tool Holder]	
	Max Turning Dia-Lower	mm (in)	----	Ø 510 (20.08)
	Travel XA-Upper	mm (in)	330+140 (12.99+5.51)	
	Travel XB-Lower	mm (in)	----	270 [255+15] (10.63 [10.04+0.59])
	Max Travel ZA-Upper	mm (in)	2,040 (80.31)	
	Max Travel ZB-Lower	mm (in)	----	1,015 (39.9)
	Max Work Length-Upper	mm (in)	1,750 (68.89) Between Centers	
GBB SPINDLES				
SPINDLES	Spindle Nose Type	GBB: A2-20	GBB: JIS 725 Flat Nose	
	Spindle Bore	mm (in)	Ø 375 (14.76)	Ø 560 (22.04)
	Total Speed Range	min ⁻¹	5-500	5-350
	Std. Power	kW (hp)	45 / 37 (60 / 50)	45 / 37 (60 / 50)
TURRET	Turret Type	Hydraulic Index, Curvic Coupling, Lift-Index, Bi-Directional		
	No. of Tool Stations-Upper	V12-Unslotted-Inch-O.D. Wedge Clamp (I.D. or O.D.)		
	No. of Tool Stations-Lower	mm	----	Wide Body V-210
	Index of Turret	sec	3.2 per Station	
	Size of O.D. / I.D. Tool	inch	1.5x1.5 O.D. / Ø 2.5 I.D. Holder Base	
SERVOS	Rapid Traverse	mm/min (ipm)	X: 5,000 / Z: 10,000 (197 / 394)	
	Min / Max Feedrate	mm (in)	X, Z: 0.0001-1,000.00 (0.000040-39.3700)	
	XA / ZA Servo Power	kW (hp)	BL: 2.4 (3.26) / BL: 3.7 (5.0)	
	XB / ZB Servo Power	kW (hp)	----	BL: 2.0 (2.72) / BL: 3.7 (5.0)
	ZA Thrust	kgf (lbf)	1,250 (2,750)	
	ZB Thrust	kgf (lbf)	----	1,250 (2,750)
TAIL	Quill Type	With Live Quill MT#6 Center		
	Quill Diameter / Stroke	mm (in)	Ø 180 (7.08) / Stroke: 200 (7.87)	
	Body Positioning	Programmable Auto Tow-Along		
TAIL	Machine Height	mm (in)	2,840 (112)	
	Floor Space DxW	mm (in)	3,030x6,502 (118x256) Machine Only	
	Net Weight GBB 14.75	kg (lbs)	1ST: (45,540), 1SC: (48,840)	2ST: (47,960), 2SC: (51,260)
	Net Weight GBB 22.04	kg (lbs)	1ST: (50,380), 1SC: (53,680)	2ST: (52,800), 2SC: (56,100)