

LOC Series



		LOC-500			LOC-650		
CAPACITY	Version	2000C			1750 1ST	1750 2ST	1750 2SC
	Controlled axes	2 x 2			2	2 x 2	
	Swing over bed	mm (in.)	ø840 (ø33.07)			[B15] / [B22]: 800 (31.50) Chuck: 1,030 (40.55)	
	Swing over saddle	mm (in.)	ø555 (ø21.85)			ø560 (ø22.05)	
	Max turning dia-upper	mm (in.)	ø660 (ø25.98)			650 (25.59)	500 (19.69)
	Max turning dia-lower		ø460 (ø18.11)			---	ø510 (ø20.08)
	Max work length-upper	mm (in.)	2,000 (78.74)			1750 (68.90)	
TRAVELS	Travel XA-upper	mm (in.)	440 [330+110] (17.32 [12.99+4.33])			470 [330+140] (18.50 [12.99+5.51])	
	Travel XB-lower	mm (in.)	305 [230+75] (12.01 [9.06+2.95])			---	270 [255+15] (10.63 [10.04+0.59])
	Max ZA Travel-upper	mm (in.)	2090 (82.28)			2040 (80.31)	
	Max ZB Travel-lower	mm (in.)	2025 (79.72)			---	1015 (39.96)
MAIN SPINDLE	Spindle dia.	mm (in.)	ø220 (ø8.66)	ø280 (ø11.02)	ø380 (ø14.96)	[B15]: 476 (18.74), [B22]: 700 (27.56)	
	Spindle nose	type	JIS A2-11	JIS A2-15	JIS A2-20	[B15]: 375 (14.76), [B22]: 560 (22.05)	
	Spindle bore	mm (in.)	ø142 (ø5.59)	ø185 (ø7.28)	ø275 (ø10.83)	[B15]: ASA A ₂ [B22]: ø725 (28.54) flat	
	Spindle speeds	min ⁻¹	11 - 2,000	10 -1,500	10 - 1,000	[B15]: 5 ~ 500 [B22]: 5 ~ 350	
	Spindle ranges (infinitely variable)		4-auto		2-auto	2 auto x infinitely variable	
TURRET	Upper	tools	12			12	
	Lower	tools	10			-	8
	Tool OD/ID	mm (in.)	□32 (□1.25) / ø63.5 (ø2.5)			□38.1 (□1.5) / ø63.5 (ø2.5)	
SERVOS	Rapid Traverse	m/min (ipm)	X:15 /Z20 (591 / 787)			X: 5 / Z10 (197 / 394)	
	Min./Max feedrate	mm (in.)	X,Z: 0.001 - 1,000.00 (0.000040 - 39.3700)			X,Z: 0.001 - 1,000.00 (0.000040 - 39.3700)	
	XA/ZA Servo Power	kW (hp)	XA: BL 5.2 (7.0) ZA: BL 5.2 (7.0) Direct Drive			X: BL2.4 (3.26) / ZA: BL 3.7 (5.0)	
	XB/ZB Servo Power	kW (hp)	XB: BL 3.0 (4.0) ZB: BL 5.2 (7.0) Direct Drive			---	BL2.0 (2.72) / BL3.7 (5.0)
	ZB Thrust A/B	kN (lbf.)	ZA: 1082 (2,380) ZB: 1169 (2,571) Net Continuous			---	ZB: 1,250 (2,750)
TAILSTOCK	Sleeve diameter	mm (in.)	130 (5.12)			-	180 (7.09)
	Sleeve		MT 5			-	MT 6
	Taper	mm (in.)	170 (6.69)			-	200 (7.87)
SIZE	Height	mm (in.)	3,042 (119.76)			2,843 (111.93)	
	Floor space (W x D)	mm (in.)	6,060 x 2,832 (238.58 x 111.50)			3,005 x 8,065 (118 x 318)	
	Net weight	kg (lb)	22,800 (50,160)	23,200 (51,040)	25,000 (55,000)	22,900 (50,380)	24,000 (52,800) 25,500 (56,100)