

SPECIFICATIONS		LB200		LB200-M		LB300		LB300-M		LB400		LB400-M			
		T		T		T		x500		T		x650			
CAPACITY	Controlled Axes	2		3		2		x500		3		x650			
	Swing Over Bed	mm (in)		Ø 530 (20.80)		Ø 530 (20.8)		Ø 620 (24.40)		Ø 620 (24.40)		Ø 620 (24.40)			
	Swing Over Saddle	mm (in)		Ø 420 (16.53)		Ø 420 (16.53)		Ø 480 (18.89)		Ø 480 (18.89)		Ø 480 (18.89)			
	Max Turning Dia	mm (in)		Ø 230 (9.05)		Ø 370 (14.56)		Ø 340 (13.38)		Ø 420 (16.53)		Ø 420 (16.53)			
	Travel X	mm (in)		180 [115+65] (7.08 [4.52+2.55])		260 [185+75] (10.23 [7.28 +2.95])		260 [170+90] (10.23 [ 6.69 +3.54])		300 [210+90] (11.81 [8.26+3.54])		300 [210+90] (11.81 [8.26+3.54])			
	Max Z Travel	mm (in)		335 (13.18)		520 (20.47)		520 (20.47)		675 (26.57)		675 (26.57)			
Max Work Length	mm (in)		150 (5.90)	300 (11.81)	150 (5.90)	300 (11.81)	250 (9.84)	500 (19.68)	250 (9.84)	500 (19.68)	330 (12.99)	650 (25.59)	330 (12.99)	650 (25.59)	
SPINDLES & SPINDLE MOTORS	Spindle Nose Type	STD: Ø 140		BB: A2-6		SB: A2-6		BB: A2-8		SB: A2-8		BB: A2-11			
	Spindle Bore	mm (in)		STD: Ø 53 (2.08)		BB: Ø 62 (2.44)		SB: Ø 62 (2.44)		BB: Ø 80 (3.15)		SB: Ø 80 (3.15)		BB: Ø 110 (4.33)	
	Total Speed Range	min <sup>-1</sup>		50-6,000		45-4,500		45-4,500		38-3,800		38-3,500		28-2,800	
	Standard Power	kW		11 / 7.5		11 / 7.5		15 / 11		22 / 15		22 / 15		22 / 15	
	Standard Power	hp		15 / 10		15 / 10		20 / 15		30 / 20		30 / 20		30 / 20	
	Torque	lbf-ft		103 / 70		SB: 103 / 70		241 / 169		304 / 207		515 / 351		SB: 515 / 351	
	Duty Rating	min/cont		30		20		20		20		30		30	
	Spindle Bearing I.D.	mm (in)		Ø 80 (3.15)		Ø 100 (3.94)		Ø 100 (3.94)		Ø 120 (4.72)		Ø 120 (4.72)		Ø 150 (5.90)	
	Speed Ranges			2 By Winding		2 By Winding		2 By Winding		2 By Winding		2 By Winding		2 By Winding	
	Included Hyd. Chuck	inch		Ø 6 Hollow		Ø 8 Hollow		Ø 8 Hollow		Ø 10 Hollow		Ø 10 Hollow		Ø 15 Hollow	
Draw Tube Assy I.D.	mm (in)		Ø 43 (1.69)		Ø 52 (2.04)		Ø 52 (2.04)		Ø 70 (2.75)		Ø 70 (2.75)		Ø 92 (3.62)		
No. of Tool Stations			NC-V12 Slotted		NC-V12 VDI30		NC-V12 Slotted		NC-V12 VDI40		NC-V12 Slotted		NC-V12 VDI40		
Turret Type			L: 12 (I.D. or O.D.)		L, M: 12		L: 12 (I.D. or O.D.)		L, M: 12		L: 12 (I.D. or O.D.)		L, M: 12		
Index of Turret	sec		0.1 Per Station		0.1 Per Station		0.1 Per Station		0.1 Per Station		0.2 Per Station		0.2 Per Station		
Size of O.D.Tool	inch		Ø 0.75"sq Wedge Lock		VDI+Ø 0.75"sq Wedge		Ø 1.0"sq Wedge Lock		VDI40+Ø 1.0"sq Wedge Lock		Ø 1.0"sq Wedge Lock		VDI40+Ø 1.0"sq Wedge Lock		
Size of I.D. Tool	inch		Ø 1.25 I.D. Holder Base		VDI+Ø 1.25 I.D.		Ø 1.5 I.D. Holder Base		VDI40+Ø 1.5 I.D. Holder Base		Ø 1.5 I.D. Holder Base		VDI40+Ø 1.5 I.D. Holder Base		
Multifunction Power	hp (m/cont.)		----		5 / 3 (5 / 15)		----		9.4 / 4.4 (30)		----		9.4 / 4.4 (15)		
Rapid Traverse	m/min (ipm)		X: 25 / Z: 30 (984 / 1,181)		X: 25 / Z: 30 / C: 200 rpm		X: 20 / Z: 25 (787 / 984)		X: 20 / Z: 25 / C: 200 rpm		X: 20 / Z: 25 (787 / 984)		X: 20 / Z: 25 / C: 200 rpm		
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)		X, Z: 0.001-1,000.00 (0.000040-39.3700)		X, Z: 0.001-1,000.00 (0.000040-39.3700)		X, Z: 0.001-1,000.00 (0.000040-39.3700)		X, Z: 0.001-1,000.00 (0.000040-39.3700)		
Servo Power	kW (hp)		X: BL3 / Z: BL4 (4 / 5.4)		X: BL3 / Z: BL4 (4 / 5.4)		X: BL3 / Z: BL4 (4 / 5.4)		X: BL3 / Z: BL4 (4 / 5.4)		X: BL4 / Z: BL6 (5.4 / 8.1)		X: BL4 / Z: BL6 (5.4 / 8.1)		
Z Axis Thrust	kgf (lbf)		488 (1,074)		615 (1,408)		615 (1,408)		615 (1,408)		700 (1,540)		673 (1,480)		
TAIL	Quill Type and Size			--		--		Dead Quill MT#5		--		Dead Quill MT#5		--	
	Quill Diameter	mm (in)		--		--		Ø 90 (3.54)		--		Ø 90 (3.54)		--	
SIZE	Machine Height	meter (ft)		1.7 (5.57)		1.745 (5.72)		1.745 (5.72)		1.745 (5.72)		1.885 (6.18)		1.885 (6.18)	
	Floor Space WxD	meter (ft)		1.985x1.62 (6.5x5.3)		2.2x1.72 (7.21x5.64)		2.2x1.72 (7.2x5.64)		2.2x1.72 (7.2x5.64)		2.7x1.9 (8.86x6.2)		2.7x1.9 (8.86x6.2)	
	Net Weight	kg (lbs)		3,250 (7,150)		3,250 (7,150)		4,000 (8,000)		4,200 (9,240)		4,100 (9,020)		4,300 (9,460)	
		5,200 (11,440)		5,400 (11,880)		5,300 (11,660)		5,500 (12,200)							