

LB EXII Series



ITEM		UNIT	LB2000 EX II (L)	LB2500 EX II (L)	LB3000 EX II (L)	LB4000 EX II (L)
COLUMN DISTANCE			300	300	500/1000	750/1500
SPEC LINEUP			M/W/MW/MY	M	M/W/MW/MY/MYW	M/MY
CAPACITY	Swing over bed/cover	mm (in.)	ø580 (22.83)	ø580 (22.83)	ø580 (22.83)	ø670 (26.38)
	Saddle	mm (in.)	ø470 (18.50)	ø470 (18.50)	ø470 (18.50)	ø480 (18.90)
	Max machining dia	mm (in.)	ø430 (16.93)	ø410 (16.14)	ø410 (16.14)	ø480 (18.90)
	Max machining length	mm (in.)	300 (11.81)	150 (5.91)	500 (19.69)	750 (29.53)
TRAVELS	X axis	mm (in.)	260 (10.24)	260 (10.24)	260 (39.37)	300 (11.81)
	Z axis	mm (in.)	390 (15.35)	350 (13.78)	565 (22.24)	840 (33.07)
	Tailstock	mm (in.)	415 (16.34)	-	515 (20.28)	780 (30.71)
MAIN SPINDLE	Spindle nose		ø140 flats [JIS A2-6]	JIS A2-6	JIS A2-6 [JIS A2-8]	JIS A2-8 [JIS A2-11]
	Thru hole/bearing dia	mm (in.)	62 [80]/100 [120] (2.44 [3.15]/3.94 [4.42])	80/120 (3.15/4.72)	80 [91]/120 [140] (3.15 [3.58]/4.72 [5.51])	91 [112]/140 [160] (3.58 [4.41]/5.51 [6.3])
	Spindle speeds	min ⁻¹	50-6,000 [45-5,000]	45-5,000	45-5,000 [42-4,200]	42-4,200 [30-3,000]
TURRET	Type		V12	V12	V12	V12
	Tool shank height/ID	mm (in.)	20/ø32 (3/4/ø1.26)	25/ø40 (1/ø1.57)	25/ø40 (1/ø1.57)	25/ø40 (1/ø1.57)
	Indexing time	sec.	0.1	0.1	0.1	0.2
TAIL STOCK	Revolving center bore		MT 4	-	MT 5	MT 5
	Built-in center bore	min ⁻¹	MT 3	-	MT 4	MT 4/5
RAPID TRAVERSE	X, Z	m/min (ipm)	X: 25 Z: 30 (984, 1,181)	X: 25 Z: 30 (984, 1,181)	X: 25 Z: 30 (984, 1,181)	X: 25 Z: 30 (984, 1,181)
MOTORS	Main spindle	kW (hp)	11/7.5 (15/10) (20 min/cont) [15/11 (20/15) (15 min/cont)]	22/15 [30/22] (30/20 [40/30])	22/15 [30/22] (30/20 [40/30])	30/22 (40/30) [37/30 (50/40)]
	Axis drives	kW (hp)	X: 2.8, Z: 3.5 (3.7, 4.7)	X: 2.8, Z: 3.5 (3.7, 4.7)	X: 2.8, Z: 3.5 (3.8, 4.7)	X: 3.5, Z: 4.6 (4.73, 6.2)
	Coolant pump (side/rear)	kW (hp)	0.25/0.8 (0.34/1.08)	0.25/0.8 (0.34/1.09)	0.25/0.8 (0.34/1.09)	0.25/0.8 (0.34/1.09)
SIZE	Height	mm (in.)	1,839 (72.40)	1,839 (72.40)	1,839 (72.40)	1,955 (76.97)
	Floor space	mm (in.)	1,945 x 1,734 (77 x 68)	1,570 x 1,734 (62 x 68)	2,200 x 1,734 (87 x 68)	3,050 x 1,900 (120 x 75)
	Weight	kg (lb)	3,250 (7,150)	3,000 (6,600)	4,000 (8,800)	6,000 (13,228)

L: standard turning, M: milling, W: sub-spindle, Y: Y axis

Figures in the table are standard (L) specifications for each model.

Please refer to the product brochure for larger machine capacities and lengths.