

Item		Unit	LU-S1600		
			480 DBC	550 DBC	1000 DBC
Capacity	Standard chucks		8 inch		
	Swing over bed	mm (in.)	ø500 (19.69)		
	Max. turning diameter	mm (in.)	ø160 (6.30)		
	Max. turning length	mm (in.)	480 (18.90)	550 (21.65)	1,000 (39.37)
Travel	XA, XB axis	mm (in.)	100 (3.94)		
	ZA, ZB axis	mm (in.)	500 (19.69)	570 (22.44)	1,100 (43.31)
Spindle	Speed	min ⁻¹	40 to 4,000: OSP/FANUC [50 to 6,000: OSP only]		
	Nose type		JIS A2-6 [ø140 flat]		
	Front bearing dia.	mm (in.)	ø100 (3.94)		
	Bore dia	mm (in.)	ø62 (2.44)		
Turret	Type (both upper/lower)		V6		
	No. of tools (both upper/lower)	tool	6		
	OD tool shank dimensions	mm (in.)	□25 (0.98)		
	ID tool shank diameter	mm (in.)	ø32 (1.26)		
	Indexing time	sec/1 index	0.15		
Feedrate	Rapid feedrate	m/min (fpm)	X: 20 Z: 30 (X: 65.62 Z: 98.43)		
Tailstock	Movable tailstock		Handle [NC]		
	Tapered bore type		MT No. 5 (revolving center) [MT No. 4 (built-in center)]		
	Travel	mm (in.)	340 (13.39)	300 (11.81)	700 (27.56)
	Quill diameter	mm (in.)	ø90 (3.54)		
	Quill travel	mm (in.)	120 (4.72)		
Motor	Spindle drive [OSP]	kW (hp)	4,000 min ⁻¹ : 11/7.5 (15/10) (30 min/cont) [15/11 (20/15) (30 min/cont)] [Integral motor 6,000 min ⁻¹ : 11/7.5 (20 min/cont) 15/11 (15 min/cont)]		
	Spindle drive [FANUC]	kW (hp)	4,000 min ⁻¹ : 11/7.5/7.5 (15 min/60 min/cont) [4,000 min ⁻¹ : 15/11/11 (15 min/60 min/cont)]		
Machine size	Machine height	mm (in.)	2,054 (80.51)		2,247 (88.46)
	Floor space (machine only)	mm (in.)	2,440 × 1,980 (96.06 × 77.95)		3,235 × 2,282 (127.36 × 89.84)
	Spindle center height	mm (in.)	Side discharge : 1,145 (45.08)		
	Machine weight	kg (lb)	5,000 (11,000)		6,200 (13,640)
CNC			OSP-P300LA , FANUC 0i-TF		