LU-S Series

	ITEM	UNIT	550 DBC [480 DBC]	1000 DBC
CAPACITY	Swing over bed	mm (in.)	Ø500 (19.69)	
	Max turning diamenter	mm (in.)	Ø160 (6.30)	
	Max work length	mm (in.)	550 (21.65) [480 (18.90)]	1,000 (39.37)
	Max workpiece weight (incl chuck)	kg (lb)	Single Support: 120 (265), Double Support: 200 (441)	
TRAVELS	XA, XB axis travel distance	mm (in.)	100	
	ZA, ZB axis travel distance	mm (in.)	570 (22.44) [500 (19.69)]	1,100 (43.31)
SPINDLE	Speed	min^{-1} (rpm)	40~4,000 [50~6,000]	
	Nose		JIS A2-6 [Ø140 flat]	
	Front bearing diameter	mm (in.)	Ø100 (3.94)	
	Bore diameter	mm (in.)	Ø62 (2.44)	
TURRET	Type (both upper and lower)		6 angles	
	No. of tool stations (both upper and lower)		6	
	Took shank height	mm (in.)	25 (1)	
	Birging bar shank diameter	mm (in.)	Ø32 (Ø1-1/4)	
	Turret indexing time	sec	0.15	
FEED RATES	Rapid feedrate	m/min (ipm)	X: 20 (65.62) Z: 20 (98.43)	
TAILSTOCK	Movable Tailstock		Handle [NC]	
	Tailstock tapered bore type		OptionalMT No. 5 (revolving center) [MT No. 4 (builtin center)]	
	Tailstock travel	mm (in.)	300 (11.81) [340 (13.39)]	700 (27.56)
	Tailstock quill diameter	mm (in.)	Ø90 (3.54)	
	Tailstock 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)]	
			[6,000 min-1: 11/7.5 (15/10) (20 min/cont) 15/11 (20/15) (15 min/cont)]	
	Spindle drive [FANUC]	kW (hp)	11/7.5/7.5 (15/10/10) (15 min/60 min/cont) [15/11/11 (20/15/15) (15 min/60 min/cont)]	
SIZE	Height	mm (in.)	2,045 (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)	
	Weight (w/ CNC system)	kg (lb)	12,400 (27,280)	17,000 (37,400)
CNC			OSP-P300L, FANUC Oi-TD	

[ ]: Optional

Revised: July 11, 2014