

I α-C400iC Technical Data

مشخصات آیتم اول

Standard	
Maximum workpiece dimensions [mm]	730 x 630 x 250
Maximum workpiece weight [kg]	500
XY axis table travel [mm]	400 x 300
Z axis travel [mm]	255
UV axis travel [mm]	± 60 x ± 60
Maximum taper angle [°/mm]	± 30/80
Minimum step increment of the drives [mm]	0,0001
Wire diameter [mm]	Ø 0.10 ~ Ø 0.30
Maximum wire weight [kg]	16
Machine weight (approx.) [kg]	About 2200
Controller	FANUC 31i-WB
Part program storage size [MB]	8
Acoustic noise level	
LPA [dB]	64
LPCpeak [dB]	81
Optional	
Thin wire	
Wire diameter [mm]	Ø 0.05 ~ Ø 0.07
Automatic front door	
Maximum workpiece dimensions with automatic door, Z axis travel [mm]	730 x 585 x 250
45° die guide	
Maximum taper angle [°/mm]	± 45°/40
30 kg wire feed unit	
Maximum wire weight [kg]	30

α -C600iC Technical Data

Standard	
Maximum workpiece dimensions [mm]	1050 × 820 × 300
Maximum workpiece weight [kg]	1000
XY axis table travel [mm]	600 × 400
Z axis travel [mm]	310
UV axis travel [mm]	± 100 × ±100
Maximum taper angle [°/mm]	±30/150
Minimum step increment of the drives [mm]	0,0001
Wire diameter [mm]	Ø 0.10 ~ Ø 0.30
Maximum wire weight [kg]	16
Machine weight [approx.] [kg]	About 3600
Controller	FANUC 31i-WB
Part program storage size [MB]	8
Acoustic noise level	
LPA [dB]	64
LPC _{peak} [dB]	81
Optional	
Z axis 400	
Z axis travel [mm]	410
Maximum workpiece dimensions without automatic door, option Z axis travel [mm]	1050 × 820 × 400
Automatic front door	
Maximum workpiece dimensions [mm]	1050 × 775 × 300
45° die guide	
Maximum taper angle [°/mm]	±45/70
30 kg wire feed unit	
Maximum wire weight [kg]	30

مشخصات آیتم سوم

Item	unit	LU4000 EX (L)								
		2ST	2SC × 650	2SC × 1250	2SC × 2000	2SC × 3000				
Capacity	Swing over bed	mm (in.)	ø695 (ø27.36)							
	Max turning diameter	mm (in.)	U: ø480/L: ø310 (U: ø18.90/L: ø12.20)							
	Max work length	mm (in.)	400 (15.75)	650 (25.59)	1,250 (49.21)	2,080 (81.89)	3,080 (121.26)			
Travels	X-axis	mm (in.)	U: 300/L: 195 (U: 11.81/L: 7.68)							
	Z-axis	mm (in.)	U: 740/L: 700 (U: 29.13/L: 27.56)		U: 1,340/L: 1,300 (U: 57.26/L: 51.18)		U: 2,140/L: 2,100 (U: 84.25/L: 82.68)		U: 3,140/L: 3,100 (U: 123.62/L: 122.05)	
	Y-axis	mm (in.)	-							
	C-axis	deg	-							
Spindle	Speed	min ⁻¹	42 to 4,200 [30 to 3,000]							
	Speed ranges		Two auto ranges (motor coil switching ranges)							
	Spindle noze		JIS A2-8 [JIS A2-11]							
	Bore dia	mm (in.)	ø91 [ø112] (ø3.59 [ø4.73])							
	Front bearing dia	mm (in.)	ø140 [ø160] (ø5.52 [ø6.30])							
Turret	Type		U: V12/L: V10							
	No. of tools	tools	U: 12/L: 10							
	OD tool shank height	mm (in.)	□25 (0.98)							
	ID tool shank dia	mm (in.)	ø40 (ø1.57)							
	Turret index time	sec/1 index	0.23							
Milling tool spindle	Spindle speed	min ⁻¹	-							
Feedrates	Rapid traverse	m/min (fpm)	X: 25, Z: 30 (X: 82/Z: 98)			X: 25, Z: 20 (X: 82/Z: 66)				
Tailstock	Quill dia	mm (in.)	-	ø120 (ø4.72)						
	Quill bore taper		-	MT.No5 (revolving center) [MT.No5 (Built-in)]						
	Quill travel	mm (in.)	-	150 (5.91)						
Motors	Spindle	kW (hp)	22/15 (30/20) (30 min/cont) [32/22 (43/20) (20 min/cont)]							
	Milling tool	kW (hp)	-							
	Axis drive	kW (hp)	XA:3.5 (4.7), XB: 3.0 (4), ZA: 4.6 (6), ZB:4.6 (6)				XA:3.5 (4.7), XB: 3.0 (4), ZA: 5.2 (7), ZB:5.2 (7)			
	Coolant pump (50 Hz/60 Hz)	kW (hp)	0.55/0.75 (0.7/1)			0.55/0.75 (0.7/1) ×2				
Machine size	Height*	mm (in.)	2,200 (86.61) *		2,440 (96.06)		2,309 (90.91)			
	Floor space	mm (in.)	3,570 × 2,310 (140.55 × 90.94)		4,780 × 2,620 (188.19 × 103.15)		6,480 × 2,837 (255.12 × 111.69)		8,405 × 2,471 (330.91 × 97.28)	
	Weight (w/ CNC)	kg (lb)	9,000 (19,800)	9,600 (21,120)	11,400 (25,080)	14,500 (31,900)	17,500 (38,500)			
CNC			OSP-P300LA							

مشخصات آیتم سوم

Item	unit	LU3000 EX (W)	
		2SW × 600	2SW × 1000
Capacity	Swing over bed	mm (in.)	ø580 (ø22.84)
	Max turning diameter	mm (in.)	U: ø410/L: ø250 (U: ø16.14/L: ø9.84)
	Max work length	mm (in.)	600 (23.63) 1,000 (39.37)
Travels	X-axis	mm (in.)	U: 260/L: 160 (U: 10.24 / L: 6.30)
	Z-axis	mm (in.)	U: 685/L: 610 (U: 26.97/L: 24.02) U: 1,085/L: 1,010 (U: 42.72/L: 39.76)
	C-axis	deg	-
Spindle	Speed	min ⁻¹	Main: 50 to 5,000 [42 to 4,200, 30 to 3,000], Sub: 50 to 6,000
	Speed ranges		Two auto ranges (motor coil switching ranges)
	Spindle noze		Main: JIS A2-6 [JIS A2-8, JIS A2-11], Sub: ø140 flat
	Bore dia	mm (in.)	Main: ø80 [ø91, ø112] (ø3.15 [ø3.59, ø4.73]), Sub: ø43 (1.69)
	Front bearing dia	mm (in.)	Main: ø120 [ø140, ø160] (ø4.73 [ø5.52, 6.30]), Sub: ø80 (3.15)
Turret	Type		U: V12/LV8
	No. of tools		U: 12/L: 8
	OD tool shank height	mm (in.)	□25 (0.98)
	ID tool shank dia	mm (in.)	ø40 (ø1.57)
	Turret index time	sec/1 index	0.1
Milling tool spindle	Spindle speed	min ⁻¹	-
Feedrates	Rapid traverse	m/min (fpm)	X: 25, Z: 30, W: 15 (X: 82/Z: 98 W: 49)
Motors	Spindle	kW (hp)	Main: 22/15 (30/20) (30 min/cont), Sub: 7.5/5.5 (10/7.3) (20 min/cont)
	Milling tool	kW (hp)	-
	Axis drive	kW (hp)	XA: 2.8 (3.7), XB: 2.2 (2.9), ZA: 3.5 (4.7), ZB: 3.5 (4.7), W: 3.5 (4.7)
	Coolant pump (50 Hz/60 Hz)	kW (hp)	0.55/0.75 (0.7/1)
Machine size	Height*	mm (in.)	2,080 (82.89) * 2,230 (87.80)
	Floor space	mm (in.)	3,750 × 2,176 (147.64 × 85.67) 4,040 × 2,478 (159.06 × 97.56)
	Weight (w/ CNC)	kg (lb)	7,100 (15,620) 8,600 (18,920)
CNC			OSP-P300LA