

Machine Specifications

Item	Model name	GENOS L250 II -e			GENOS L400 II -e		
		Spec. extension	Lx290	L x 290 with tailstock	Lx 500	Lx500	Lx 1,100
Capacity	Swing over bed	mm	ø450			ø520	
	Swing on carriage	mm	ø350			ø450	
	Max turning dia	mm	ø280 [ø220]			ø390 [ø310]	ø410 [ø330]
	Max work length	mm	290	290	500	500	1,100
Travels	X axis	mm	160 (140+20)			220 (195+25)	230 (205+25)
	Z axis	mm	330		520 [470]	520	1,144
Spindle	Spindle speed	min ⁻¹	45 ~ 4,500			25 ~ 3,000	
	Speed ranges		Infinitely variable			Auto 2 ranges	
	Spindle nose		JIS A2-6			JIS A2-8	
	Spindle bore dia	mm	ø66			ø80	
	Front bearing dia	mm	ø100			ø120	
Turret	Type		V8 [V12] Turret (NC)			V8 [V12] Turret (NC)	
	No. of tools	tool	8 [12]			8 [12]	
	OD tool shank	mm	□ 25x25			□ 25x25	
	ID tool shank dia	mm	ø40 [ø32]			ø40	
	Turret indexing time	sec/index	0.3/1			0.3/1	
Feedrates	Rapid traverse (X , Z)		X : 25 , Z : 30			X : 25 , Z : 30	
	Feedrate (X , Z)	mm/rev	0.001~1,000.000			0.001~1,000.000	
Tailstock	Tailstock quill diameter	mm	-	ø70	ø90	ø90	
	Tapered bore type		-	MT No.4	MT No.5	MT No.5	MT No.4 (dead center)
	Quill travel	min	-	80	100	100	
Motors	Main spindle	kw	VAC 7.5/5.5 (30 min/cont.)			VAC 11/7.5 (30 min/cont.)	
	Axis drive (X , Z)	kw	X : 3.0 , Z : 3.0			X : 2.8 , Z : 3.5	
	Coolant pump motor	kw	0.18			0.18	
Machine size	Height	mm	1,620	1,620	< 1,627 >	1,791	< 1,934 >
	Floor space	mm	1,482 × 1,843	1,482 × 1,843	< 2,081 × 1,550 >	2,280 × 1,860	< 3,537 × 2,155 >
	Weight (with CNC)	kg	2,800	2,900	3,800	4,500	6,000
CNC		OSP-P300LA-e					

Specifications are subject to be changed without prior notice.

[] : Optional Specifications
< > : Details are under consideration

Optional Specifications

Spindle speed	(L250II-e) Spindle low-speed specs (A2-6) to 3,000 min ⁻¹ (L400II-e) Spindle low-speed specs (A2-8) to 2,000 min ⁻¹	Tailstock	Tailstock quill auto advance/retract confirmation, tailstock thrust high/low switchable
Spindle motor	(L250II-e) VAC 11/7.5 kW (10 min/cont.) (L400II-e) VAC 15/11 kW (30 min/cont.)	Air blower	Chuck, turret, spindle bore
V12 Turret	Bolt clamp	Coolant	Pump : 0.8 kw Detection level, mist collector mount
Chucking	Auto chuck open/close with confirmation, chucking miss detection, chuck high/low pressure switch, spindle work stopper, chuck work stopper	Chip discharge	Conveyor (side, rear : hinge type L , H)
Measuring	In-process work gauging, Touch Setter M (manual), A (automatic)	Door auto open/close	Front door, Top door
Revolving centers	(L250II-e) MT 4 (Lx290) (L400II-e) MT 5 (Lx1,100) dead center	Automation specs	Loader, Robot Work rest, bar feeder, parts catcher,

Tooling System

