

SV-E SERIES SPECIFICATION SHEET



Name			Self Propelled Elevating Platform					
Model			SV06E1NS	SV06E1NL	SV08E1NL	SV08E1WL	SV10E1WL	
Performance	Working floor height	Max.	5,720 mm	6,100 mm	7,770 mm	7,920 mm	9,680 mm	
		Min.	880 mm	1,095 mm	1,215 mm	1,215 mm	1,215 mm	
	Rating working load	No Wind	Total	230 kg (2 Persons)	360 kg (2 Persons) / *230 kg (2 Persons)		450 kg (2 Persons) / ** 320 kg (2 Persons)	
			Extention	120 kg (1 Person)	120 kg (1 Person)		120 kg (1 Person)	
		Wind Speed: 12.5m/s	Total	230 kg (1 Person)	230 kg (1 Person)	-	450 kg (1 Person) / ***320 kg (1 Person)	
			Extention	120 kg (1 Person)	120 kg (1 Person)	-	120 kg (1 Person)	
	Maximum allowable tilt angle		Front-to-back:3.0° Left-to-right :1.5°	Front-to-back:3.0° Left-to-right :1.5°		Front-to-back:3.0° Left-to-right :2.0°		
	Traveling speed	High	4.8 km/h	4.5 km/h		4.0 km/h		
		Low	0.8 km/h	0.8 km/h		0.8 km/h		
	Platform lift speed	Up	4.8m/ 21-31 sec	5.0m/ 22-34 sec	6.6m/ 26-40 sec	6.7m/ 32-48 sec	8.5m/ 44-66 sec	
		Down	4.8m/ 24-36 sec	5.0m/ 32-48 sec	6.6m/ 29-45 sec	6.7m/ 40-60 sec	8.5m/ 48-72 sec	
Grade ability			25% (14 deg)					
Minimum turning radius			1,870 mm (outside radius)	2,250 mm (outside radius)		2,580 mm (outside radius)		
Measuremnts	Overall length		1870 mm	2,300 mm		2,500 mm		
	Overall width		810mm	810 mm		1,170 mm		
	Overall height		1,990 mm	2,205 mm	2,325 mm			
	Wheelbase		1,510 mm	1,880 mm		2,080 mm		
	Tread		710mm	685 mm		1,045 mm		
	Inside dimension of Platform		1,770 X 680 X 1,110 mm	2,205 X 680 X 1,110 mm		2,405 X 1,035 X 1,110 mm		
	Extension length		900 mm	900 mm		1,270 mm		
	Tires		323 X 100	406 X 125				
Vehicle weight			1,525 kg	1,965 kg	2,100 kg	2,760 kg	2,960 kg	
Power source	AC motor power output (Driving)		1.0 kW					
	DC motor power output (Power unit)		2.0 kW					
	Battery model		T105 (Trojan)					
	Battery capacity		185 Ah					
	Battery voltage		24 V					
	Charger	Charging method	Fixed current, fixed voltage					
		Voltage	AC 100 V / 230 V					
		Frequency	45 / 65 Hz					
		Max output current	25 A					
Rated hydraulic pressure			17.2 MPa (175 kgf/cm ²)					
Hydraulic oil tank capacity			3.0 L	5.0 L				
* for SV08E1NL, "230 kg (2 persons) at no wind" is applicable when the floor height is over 6.10m.								
** for SV10E1WL, "320 kg (2 persons) at no wind" is applicable when the floor height is over 7.92m.								
*** for SV10E1WL, "320 kg (1 person) at wind speed12.5m/s" is applicable when the floor height is over 7.92m.								

* for SV08ENL, "230 kg (2 persons) at no wind" is applicable when the floor height is over 6.10m.

** for SV10EWL, "320 kg (2 persons) at no wind" is applicable when the floor height is over 7.92m.

*** for SV10EWL, "320 kg (1 person) at wind speed 12.5m/s" is applicable when the floor height is over 7.92m.

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