

Chapter 12

Specifications

Model		SV06CNL	SV08CNL		
Performance	Work floor height	Max.	6,100 mm	7,770 mm	
		Min.	1,025 mm	1,155 mm	
	Rated working load (Evenly distributed)	Total	360 kg (2 persons+tools: 200 kg)	230 kg (2 persons+tools: 70 kg)	
		Extension deck	120 kg (1 person + tools: 40 kg)		
	Maximum allowable tilt angle		Front-to-back: 3.0° Left-to-right: 1.5°		
	Maximum travel speeds (Level surface)	Stowed	4.5 km/h		
		Elevated	1.0 km/h		
	Platform lift speeds	Up	24-36 s / 5.1 m	32-48 s / 6.8 m	
		Down	24-36 s / 5.1 m	32-48 s / 6.8 m	
	Gradeability (Stowed)		14° (25%)		
Minimum turning radius	Inside	0 mm			
	Outside	2,240 mm			
Measurements	Overall length	Folding down guardrails			
		Raised	2,345 mm		
		Folded	2,795 mm		
	Overall width		800 mm		
	Overall height	Folding down guardrails	Raised	2,125 mm	2,255 mm
			Folded	1,720 mm	1,845 mm
	Wheelbase		1,815 mm		
	Tread		673 mm		
	Platform inner dimensions (length × width × height)		2,210 × 710 × 1,100 mm		
	Extension length		1,000 mm		
Tires (Diameter × Width)		406 × 127 mm			
Weight	Gross weight		1,810 kg	2,140 kg	
	Maximum tire loading force		800 kg		
Power source	AC motor power output (Travel)		0.7 kW (JIS)		
	DC motor power output (Platform lift, Steering)		2.2 kW (JIS)		
	Battery model		GS Yuasa EB100		
	Battery capacity		200 Ah		
	Battery voltage		12 V × 2 (× 2 Parallel)		
	Charger	Charging method		Fixed current, fixed voltage	
		Input voltage		AC 100-240 V	
		Frequency		50 or 60 Hz	
		Max. output current		25 A	
System voltage		DC 24 V			
Rated hydraulic pressure		18.1 MPa (185 kg/cm ²)			
Hydraulic oil tank capacity		5.3 L			

* These machine are intended for indoor use only.

* The limit deviation tolerance without the instruction depends on AICHI's own standard.

* Travel speed, function speed, and gradeability assume there is 1 person on the platform and the battery is fully charged.

* Travel speed and gradeability are subject to surface conditions and sufficient traction.

* Advisable atmospheric temperature range: -20°C to +40°C