

1.2 Specifications

Table 1-1: Specifications

ITEM	METRIC	IMPERIAL
Duty Cycle	45% of 8 hour shift	45% of 8 hour shift
Platform Size	0.7 m x 1.3 m (inside gaurdrails)	2.3 ft x 4.3 ft (inside gaurdrails)
Max. Platform Capacity	215 kg	475 lbs
	2 People	2 People
Min. Platform Floor Height	13.45 m	44.12 ft
	11.45 m	37.56 ft
	0.65 m	2.13ft
	6.10 m	20.00 ft
Platform Height At Maximum Outreach	5.40 m	17.72 ft
Stowed Dimensions		
Length	4.04 m	13.25 ft
Width	1.50 m	4.92 ft
Height	2.00 m	6.56 ft
Ground Clearance	0.13 m	0.43 ft
Wheel Base x Gauge	2.00 m x 1.27 m	6.56 ft x 4.16 ft
Rotation	362 degrees non-continuous	362 degrees non-continuous
	3,550 kg	7,826 lbs
	4,010 kg	8,840 lbs
Drive Speed Stowed	0 - 4 km/h	0 - 2.49 mph
Drive Speed Elevated	0 - 0.72 km/h	0 - 0.45 mph
Maximum Gradeability	36%	36%
Inside Turning Radius	0.40 m	1.31 ft
Outside Turning Radius	2.40 m	7.87 ft
Power Source	48V DC 4kW, 8 X 6V 220Ah Batteries	48V DC 5.4HP, 8 X 6V 220Ah Batteries
System Voltage	48V	48V
Battery Charger	48V 25A 220/110VAC 50/60 Hz	48V 25A 220/110VAC 50/60 Hz
	25 Litres	6.5 Gallons US
Max. Hydraulic Pressure	145 bar	2105 psi
	ISO #46	ISO #46
	2 Double Acting Lift Cylinders With Lock Valves And Manual Emergency Lowering Facility. 1 Double Acting Telescopic Cylinder	2 Double Acting Lift Cylinders With Lock Valves And Manual Emergency Lowering Facility. 1 Double Acting Telescopic Cylinder
	Refer to Section 5 of the Service & Parts Manual	Refer to Section 5 of the Service & Parts Manual
Control System	One handed Proportional Joystick Operating Energy Efficient Motor Control System (MOS90)	One handed Proportional Joystick Operating Energy Efficient Motor Control System (MOS90)
Wheels/Tyres	400 mm Diameter Steel Disc Wheel With Solid All Surface Tyres	15.75 inch Diameter Steel Disc Wheel With Solid All Surface Tyres
Braking	Automatic Spring Applied Hydraulic Release	Automatic Spring Applied Hydraulic Release
	69.5 dB(A)	69.5 dB(A)