Technical sheet:

90 V'AIR







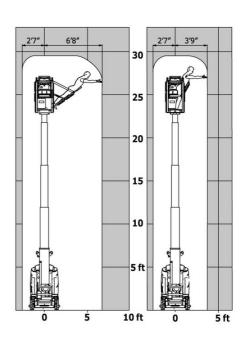
Capacities		Metric	Imperial
Working height	h21	9 m	29 ft 6 in
Platform height	h7	7 m	23 ft
Maximum outreach		2.04 m	6 ft 8 in
Platform capacity	Q	230 kg	507 lb
Turret rotation		350 °	350 °
Number of people (indoor / outdoor)		2/2	2 / 2
Weight and dimensions			
Platform weight*		2710 kg	5975 lb
Platform dimensions (length x width)	lp / ep	0.95 m x 0.68 m	3 ft 1 in x 2 ft 3 in
Floor height (access)	h20	1.03 m	3 ft 5 in
Overall length	l1	2.31 m	7 ft 7 in
Overall width	b1	1.10 m	3 ft 7 in
Overall height	h17	2.31 m	7 ft 7 in
Counterweight offset (turret at 90°)	a7	0.04 m	2 in
Counterweight Oversize / Reach		0.05 m	2 in
External turning radius	Wa3	1.98 m	6 ft 6 in
Ground clearance at centre of wheelbase	m2	0.09 m	4 in
Wheelbase	у	1.20 m	3 ft 11 in
Performances			
Drive speed - stowed		4.50 km/h	3 mph
Orive speed - raised		0.60 km/h	0.37 mph
Gradeability		25 %	25 %
Permissible leveling		2 °	2 °
Wheels			
Tires type		Non marking	Non marking
Standard tires		406 x 127 mm	406 x 127 mm
Drive wheels (front / rear)		0 / 2	0 / 2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery			
Electric engine power rating		2 x 1.50 kW	2 x 1.50 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm ³	2 x 0.26 in ³
Battery voltage		24 V	24 V
Battery capacity		250 Ah	250 Ah
On-board charger (V / A)		24 V / 30 A	24 V / 30 A
Miscellaneous			
Number of cycles with STD Battery (HIRD)		39	39
Ground Pressure		11.30 dan/cm2	164 PSI
Hydraulic Pressure		140 bar	2031 PSI
Hydraulic tank capacity		22	6 US gal
Standards compliance			
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

90 V'Air - Load chart

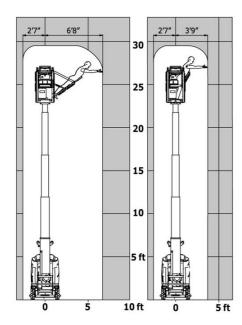
Load Chart for MEWP Metric

8 7 6 6 5 4 4 3 3

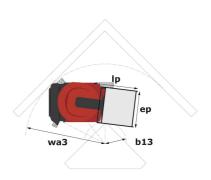
Load Chart for MEWP (Imperial)



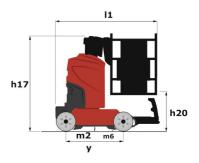
Load Chart imperial



90 V'Air - Dimensional drawing







Equipment

2 LED front headlights with protective grille 2 rear position headlights with LED 2 vertical detection radars 3 anti-static braids Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Backlit control panel Battery charge indicator lamp CAN bus technology Emergency stop button in platform and on frame Fixed pothole protection Front and side rubber protections Horn in the platform Hour meter Integrated diagnostic assistance Manual emergency lowering Multi-voltage integrated charger Negative-type braking on rear wheels Non-marking rubber tyres Platform with open-work floor Proportional controls Side reflectors Slinging and securing rings Specific platform with multiple working positions Tool box in platform Traction battery with centralized recharging Travel possible at maximum height

Optional

6 kg Powder extinguisher A, B, C

Working headlight in platform

Biodegradable oil

Cold weather protection oil

Safety kit - Harness + helmet





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