Technical sheet:

90 V'AIR



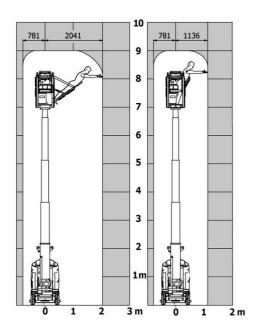




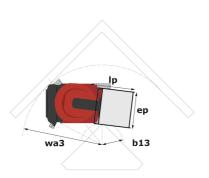
90 V		TAIR Created on December 4, 2024 at 6.44 AWI OTC	
Capacities		Metric	
Working height	h21	9 m	
Platform height	h7	7 m	
Max. outreach		2.04 m	
Platform capacity	Q	230 kg	
Turret rotation		350 °	
Number of people (indoor / outdoor)		2/2	
Weight and dimensions			
Platform weight*		2710 kg	
Platform dimensions (length x width)	lp / ep	0.95 m x 0.68 m	
Floor height (access)	h20	1.03 m	
Overall length	l1	2.31 m	
Overall width	b1	1.10 m	
Overall height	h17	2.31 m	
Counterweight offset (turret at 90Ű)	a7	0.04 m	
Counterweight Oversize / Reach		0.05 m	
External turning radius	Wa3	1.98 m	
Ground clearance at centre of wheelbase	m2	0.09 m	
Wheelbase	у	1.20 m	
Performances			
Drive speed - stowed		4.50 km/h	
Drive speed - raised		0.60 km/h	
Gradeability		25 %	
Permissible leveling		2 °	
Wheels			
Tires type		Non marking	
Standard tires		406 x 127 mm	
Drive wheels (front / rear)		0 / 2	
Steering wheels (front / rear)		2 / 0	
Braking wheels (front / rear)		0 / 2	
Engine/Battery			
Electric engine power rating		2 x 1.50 kW	
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm ³	
Battery voltage		24 V	
Battery capacity		250 Ah	
On-board charger (V / A)		24 V / 30 A	
Miscellaneous			
Number of cycles with STD Battery (HIRD)		39	
Ground Pressure		11.30 dan/cm2	
Hydraulic Pressure		140 bar	
Hydraulic tank capacity		22 I	
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)	

90 V'Air - Load chart

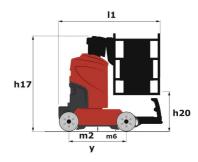
Load Chart for MEWP Metric



90 V'Air - Dimensional drawing







Equipment

Standard
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
Working headlight in platform

Optional

6 kg Powder extinguisher A, B, C

Biodegradable oil

Cold weather protection oil

Safety kit - Harness + helmet





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