

Technical sheet :

# **100 VJR**

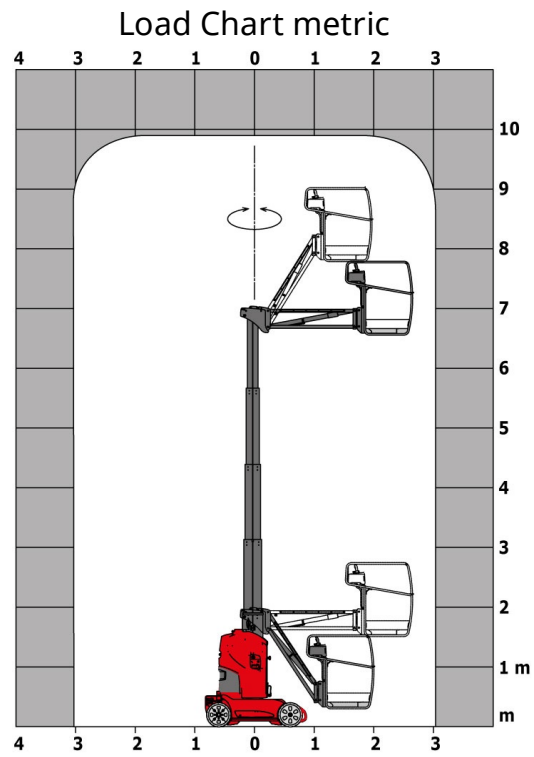
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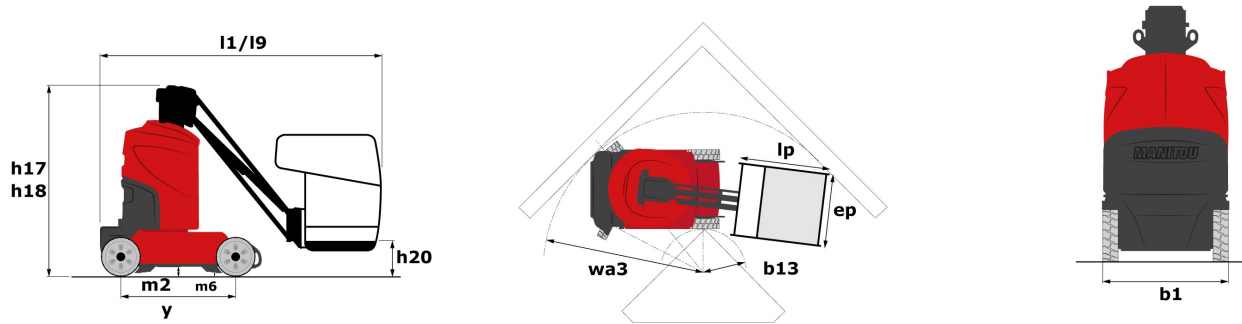
Capacities		Metric	Imperial
Working height	h21	9.85 m	32 ft 4 in
Platform height*	h7	7.85 m	25 ft 9 in
Max. outreach	l4	3.15 m	10 ft 4 in
Overhang	l5	6.67 m	21 ft 11 in
Pendular arm rotation (bottom)		-70 °	-70 °
Platform capacity	Q	200 kg	441 lbs
Turret rotation		350 °	350 °
Number of people (inside / outside)		2 / 1	2 / 1
Weight and dimensions			
Platform weight*		2650 kg	5842 lbs
Platform dimensions (length x width)	lp / ep	1.11 m x 0.93 m	3 ft 8 in x 3 ft 1 in
Overall width	b1	0.99 m	3 ft 3 in
Overall length	l1	2.8 m	9 ft 2 in
Overall height	h17	1.99 m	6 ft 6 in
Floor height (access)	h20	0.51 m	1 ft 8 in
Jib length	l13	1.5 m	4 ft 11 in
Counterweight offset (turret at 90°)	a7	0.095 m	4 in
Internal turning radius (over tyres)	b13	0.59 m	1 ft 11 in
Outer turning radius	Wa3	2.09 m	6 ft 10 in
Ground clearance center	m4	0.1 m	4 in
Plugs / stability bars ground clearance	m6	0.02 m	1 in
Ground clearance at centre of wheelbase	m2	0.09 m	4 in
Wheelbase	y	1.2 m	3 ft 11 in
Performances			
Drive speed - stowed		5 km/h	3.1 mph
Drive speed - raised		0.7 km/h	0.4 mph
Gradeability		25 %	25 %
Permissible leveling		2 °	2 °
Wheels			
Tyres type		Solid non-marking tires	Solid non-marking tires
Dimensions of front wheels / rear wheels		0.41 x 0.13m - 0.41 x 0.13m	0.41 x 0.13m - 0.41 x 0.13m
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		1.5 kW	1.5 kW
Electric Pump		3 kW	3 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.2 cm <sup>3</sup>	2 x 0.26 in <sup>3</sup>
Battery / Batteries capacity		24 V / 250 Ah	24 V / 250 Ah
Integrated charger (V / Ah)		24 V / 30 AMPERE	24 V / 30 AMPERE
Miscellaneous			
Number of cycles with STD Battery (HIRD)		29	29
Ground Pressure		11.8 daN/cm <sup>2</sup>	11.8 daN/cm <sup>2</sup>
Hydraulic Pressure		140 Bar	10 PSI
Hydraulic tank capacity		22 l	4.84 gal
Vibration on hands/arms		2.5 Nm	8.2 ft/s
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)

\*Varies according to options and standards of the country to which the machine is delivered

# Load chart



## Dimensional drawing



## Equipment

### Standard

- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Battery charge indicator lamp
- CAN bus technology
- Emergency stop button in platform and on frame
- Fixed pothole protection
- Fork pockets
- 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
- Pendular arm
- Platform with open-work floor
- Proportional controls
- Slings and securing rings
- Tool box in platform
- Traction battery

### Optional

- 110 or 230V plug with differential circuit breaker
- 230V Predisposition
- Air predisposition
- Beep on every movement
- Biodegradable oil
- Centralized recharging of battery
- Extreme cold oil
- Flashing Light
- Maintenance-free battery
- Personalized paintwork
- SMS : Safe Man System
- Safety harness
- Working headlight in platform



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