

Technical sheet :

100 VJR



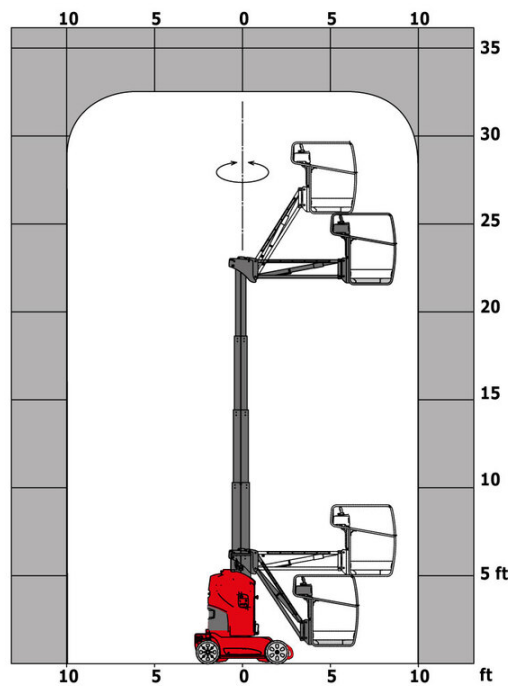
 **MANITOU**
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Capacities		Imperial
Working height	h21	32 ft 4 in
Floor height (access)	h20	1 ft 8 in
Platform height	h7	25 ft 9 in
Max. outreach		10 ft 4 in
Overhang		21 ft 11 in
Pendular arm rotation (bottom)		+70 °
Platform capacity	Q	441 lb
Turret rotation		350 °
Number of people (indoor / outdoor)		2 / 1
Weight and dimensions		
Platform weight*		5842 lb
Platform dimensions (length x width)	lp / ep	3 ft 8 in x 3 ft 1 in
Overall length	l1	9 ft 2 in
Overall width	b1	3 ft 3 in
Overall height	h17	6 ft 6 in
Jib length	l13	4 ft 11 in
Counterweight offset (turret at 90°)	a7	4 in
Counterweight Oversize / Reach		4 in
External turning radius	Wa3	6 ft 10 in
Ground clearance under pothole protection	m6	1 in
Ground clearance at centre of wheelbase	m2	4 in
Wheelbase	y	3 ft 11 in
Performances		
Drive speed - stowed		3 mph
Drive speed - raised		0.40 mph
Gradeability		25 %
Permissible leveling		2 °
Wheels		
Tires type		Solid non-marking tires
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 0.26 in³
Battery voltage		24 V
Battery capacity		250 Ah
Integrated charger / charger		24 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		29
Ground Pressure		171 PSI
Hydraulic Pressure		2031 PSI
Hydraulic tank capacity		6 US gal
Vibration on hands/arms		< 2.50 m/s²
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)

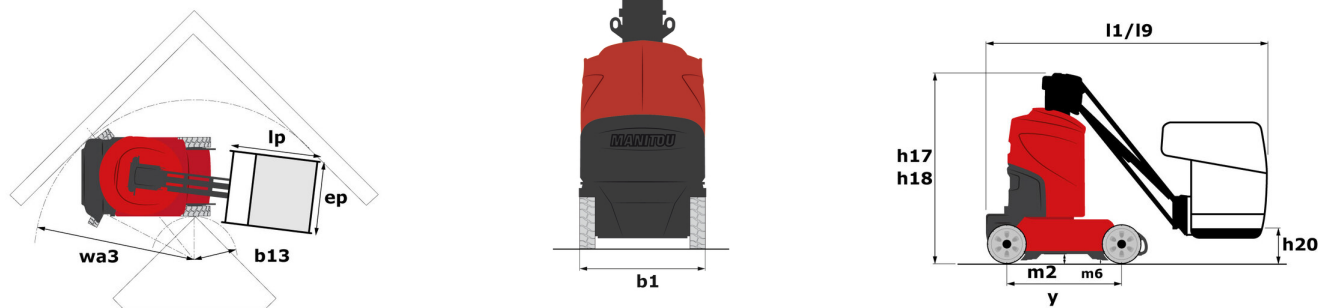
*Varies according to options and standards of the country to which the machine is delivered

100 VJR - Load chart

Load Chart for MEWP (Imperial)



100 VJR - 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
Hom 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
Slinging and securing rings
Tool box in platform
Traction battery

Optional
110 or 230V plug with differential circuit breaker
230V Predisposition
Audio warning on all motion
Biodegradable oil
Cold weather protection oil
Lights
Maintenance-free battery
Personalized paintwork
SMS : Safe Man System
Safety harness
Working headlight in platform



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