Technical sheet :

100 VJR



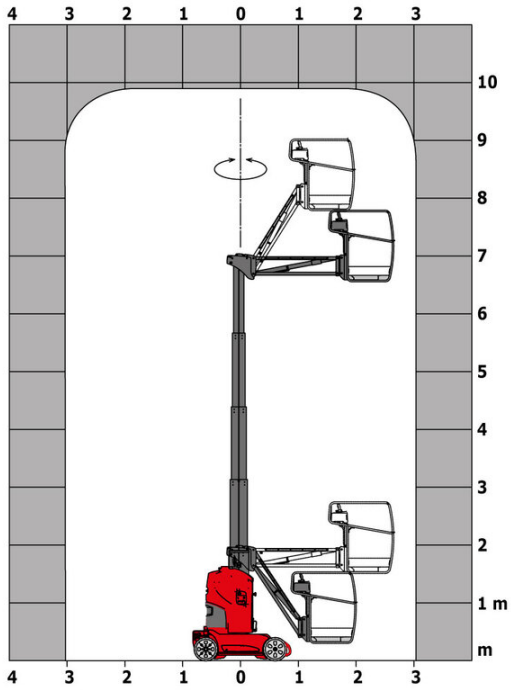
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HANDLING YOUR WORLD

Capacities		Metric	Imperial
Working height	h21	9.85 m	32 ft 4 in
Floor height (access)	h20	0.51 m	1 ft 8 in
Platform height	h7	7.85 m	25 ft 9 in
Max. outreach		3.15 m	10 ft 4 in
Overhang		6.67 m	21 ft 11 in
Pendular arm rotation (bottom)		+-70 °	+-70 °
Platform capacity	Q	200 kg	441 lb
Turret rotation		350 °	350 °
Number of people (indoor / outdoor)		2 / 1	2 / 1
Weight and dimensions			
Platform weight*		2650 kg	5842 lb
Platform dimensions (length x width)	lp / ep	1.11 m x 0.93 m	3 ft 8 in x 3 ft 1 in
Overall length	l1	2.80 m	9 ft 2 in
Overall width	b1	0.99 m	3 ft 3 in
Overall height	h17	1.99 m	6 ft 6 in
Jib length	l13	1.50 m	4 ft 11 in
Counterweight offset (turret at 90°)	a7	0.09 m	4 in
Counterweight Oversize / Reach		0.09 m	4 in
Internal turning radius (over tyres)	b13	0.59 m	1 ft 11 in
External turning radius	Wa3	2.09 m	6 ft 10 in
Ground clearance under pothole protection	m6	0.02 m	1 in
Ground clearance at centre of wheelbase	m2	0.09 m	4 in
Wheelbase	y	1.20 m	3 ft 11 in
Performances			
Drive speed - stowed		5 km/h	3 mph
Drive speed - raised		0.65 km/h	0.40 mph
Gradeability		25 %	25 %
Permissible leveling		2 °	2 °
Wheels			
Tires type		Solid non-marking tires	Solid non-marking tires
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 cm³	2 x 0.26 in³
Battery voltage		24 V	24 V
Battery capacity		250 Ah	250 Ah
Integrated charger / charger		24 V / 30 A	24 V / 30 A
Miscellaneous			
Number of cycles with STD Battery (HIRD)		29	29
Ground Pressure		11.80 dan/cm2	171 PSI
Hydraulic Pressure		140 bar	2031 PSI
Hydraulic tank capacity		22 l	6 US gal
Vibration on hands/arms		< 2.50 m/s²	< 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)	European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

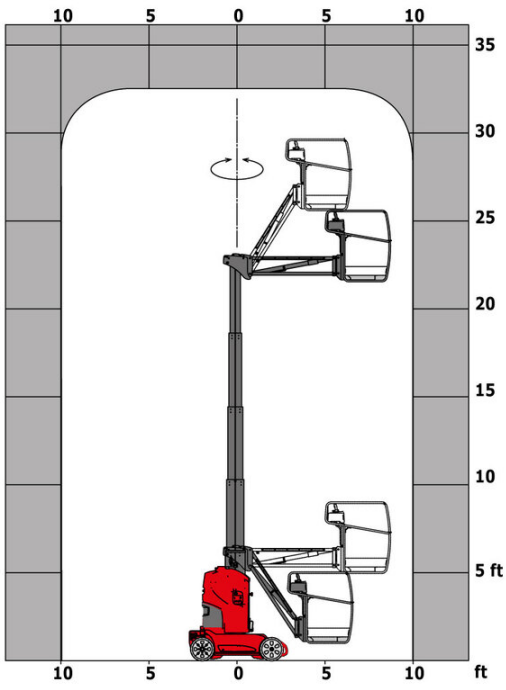
*Varies according to options and standards of the country to which the machine is delivered

100 VJR - Load chart

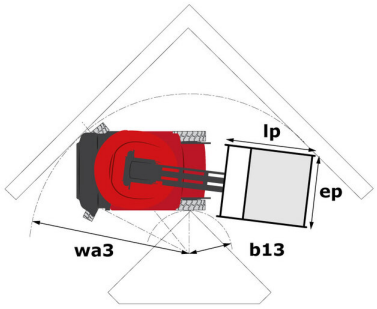
Load Chart for MEWP Metric



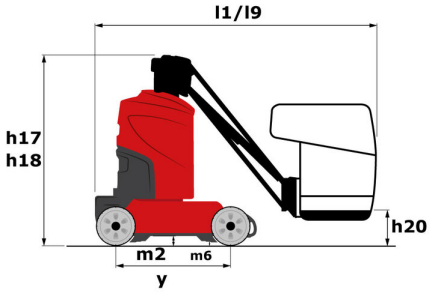
Load Chart for MEWP (Imperial)



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
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
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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