Technical sheet :

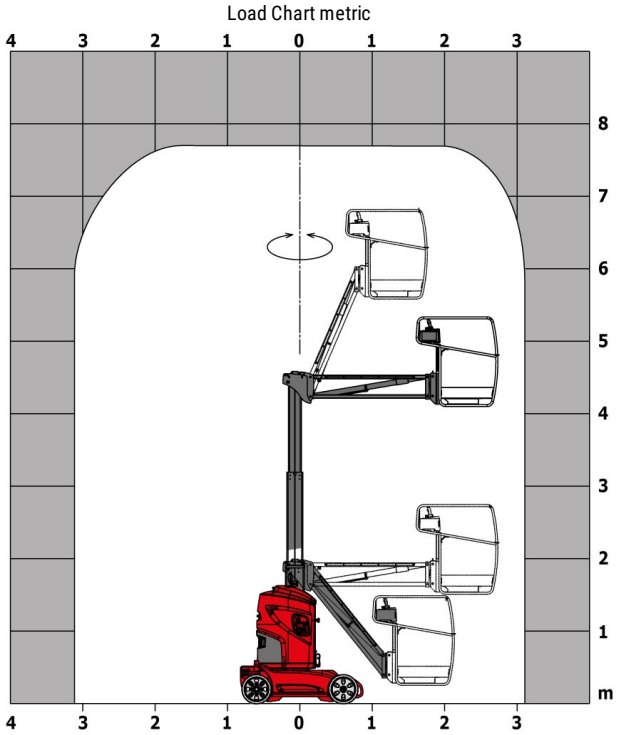
80 VJR

MANITOU
HANDLING YOUR WORLD

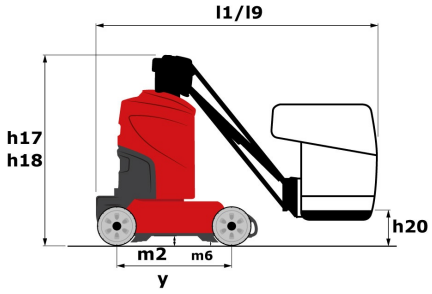
Capacities		Metric
Working height	h21	7.65 m
Platform height	h7	5.65 m
Max. outreach	r1	3.24 m
Overhang	h31	4.23 m
Pendular arm rotation (bottom)		+-70 °
Platform capacity	Q	200 kg
Turret rotation		350 °
Number of people (inside / outside)		2 / 1
Weight and dimensions		
Platform weight*		2250 kg
Platform dimensions (length x width)	lp / ep	1.11 m x 0.93 m
Overall width	b1	0.99 m
Overall length	l1	2.95 m
Overall height	h17	1.99 m
Floor height (access)	h20	0.47 m
Jib length	l13	1.50 m
Counterweight offset (turret at 90°)	a7	0.09 m
Internal turning radius (over tyres)	b13	0.59 m
External turning radius	Wa3	2.09 m
Ground clearance with pothole guards deployed	m6	0.02 m
Ground clearance at centre of wheelbase	m2	0.09 m
Wheelbase	y	1.20 m
Performances		
Drive speed - stowed		4.50 km/h
Drive speed - raised		0.65 km/h
Gradeability		25 %
Permissible leveling		2 °
Wheels		
Tyres type		Solid non-marking tires
Dimensions of front wheels		0,41x0,13m
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
Electric Pump		3 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm³
Battery / Batteries capacity		24 V / 250 Ah
Integrated charger (V / A)		24 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		32
Ground Pressure		11.10 daN/cm²
Hydraulic Pressure		140 Bar
Hydraulic tank capacity		22 l
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)

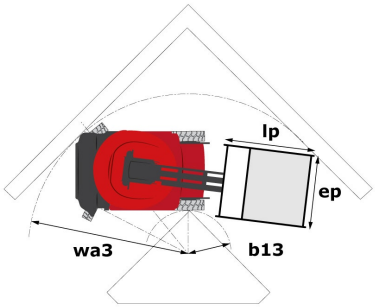
*Varies according to options and standards of the country to which the machine is delivered

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
Hour meter
Integrated charger
Integrated diagnostic assistance
Manual emergency lowering
Negative-type braking on rear wheels
Non-marking rubber tyres
Pendular arm
Proportional controls
Slinging and securing rings
Tool box in platform
Traction battery
lace floor basket

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 light

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