Technical sheet:

80 VJR





		80 VJR (I	eated on April 24, 2024 at 10:13:53 PM L
Capacities		Metric	Imperial
Working height	h21	7.65 m	25 ft 1 in
Floor height (access)	h20	0.47 m	1 ft 7 in
Platform height	h7	5.65 m	18 ft 6 in
Max. outreach		3.24 m	10 ft 8 in
Overhang		4.23 m	13 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*		2250 kg	4960 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	I1	2.95 m	9 ft 8 in
Overall width	b1	0.99 m	3 ft 3 in
Overall height	h17	1.99 m	6 ft 6 in
lib length	l13	1.50 m	4 ft 11 in
Counterweight offset (turret at 90°)	a7	0.09 m	4 in
Counterweight Oversize / Reach		0.10 m	4 in
external turning radius	Wa3	2.09 m	6 ft 10 in
Ground clearance with pothole guards deployed	m6	0.02 m	1 in
Fround clearance at centre of wheelbase	m2	0.09 m	4 in
Wheelbase	y	1.20 m	3 ft 11 in
Performances	y	1.20 111	31(11111
Drive speed - stowed		4.50 km/h	3 mph
Drive speed - raised		0.65 km/h	0.40 mph
Gradeability		25 %	25 %
Permissible leveling		2 °	2 °
Vheels		2	Z
		Solid non-marking tires	Solid non-marking tires
rires type Standard tires		410 x 130 mm	410 x 130 mm
Orive wheels (front / rear)		0 / 2	0 / 2
Steering wheels (front / rear)		2 / 0 0 / 2	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Ingine/Battery		2 x 1.50 kW	2 x 1.50 kW
lectric engine power rating			
lectric Pump		3 kW	3 kW
lumber of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm³	2 x 0.26 in³
lattery voltage		24 V	24 V
lattery capacity		250 Ah	250 Ah
ntegrated charger / charger		24 V / 30 A	24 V / 30 A
Miscellaneous			
lumber of cycles with STD Battery (HIRD)		32	32
Fround Pressure		11.10 dan/cm2	161 PSI
lydraulic Pressure		140 bar	2031 PSI
lydraulic tank capacity		22	6 US gal
/ibration 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)

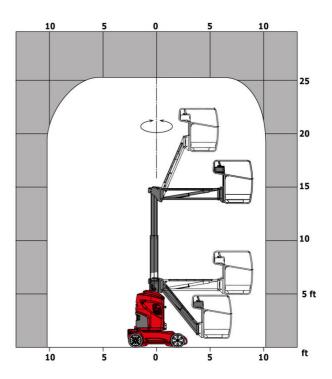
^{*}Varies according to options and standards of the country to which the machine is delivered

80 VJR - Load chart

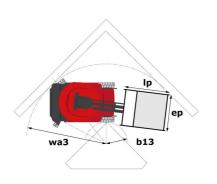
Load Chart for MEWP Metric

4 3 2 1 0 1 2 3 8 7 7 6 6 5 4 4 3 3 2 1 1 2 3 4 3 2 1 2 3

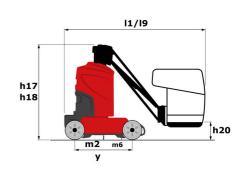
Load Chart for MEWP (Imperial)



80 VJR - Dimensional drawing



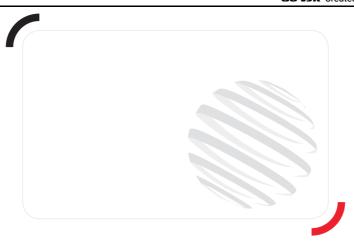




Equipment

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
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	
Biodegradable oil	
Cold weather protection oil	
Lights	
Maintenance-free battery	
Personalized paintwork	
SMS : Safe Man System	
Safety hamess	
Working light	





Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes