Technical sheet:

80 VJR





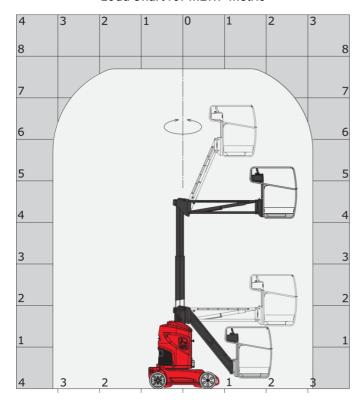


Capacities Post P	Metric 7.65 m 5.65 m 3.24 m 4.23 m +62°/51° 200 kg
Platf orm height h7 Max. outreach coverage Pendular arm rotation (top / bottom) coverage Platf orm capacity Q Turnet rotation coverage Number of people (indoor / outdoor) coverage Weight and dimensions platform weight Platform with fire of people (indoor / outdoor) platform weight Platform with fire of people (indoor / outdoor) platform weight Platform dimensions (length x width) pl centre of people (indoor / outdoor) Platform weight (access) h20 Overall height li1 Statemel Wingth li1 Counterweight Offset (weit at 90Å*) a7 Counterweight Offset (weit at 90	5.65 m 3.24 m 4.23 m +62°/51° 200 kg
Max. outeach Overhang Pendular am totation (top / bottom) Q Platform capacity Q Turet totation V Number of people (indoor / outdoor) V Weight and dimensions Image: Common of the common of	3.24 m 4.23 m +62°/51° 200 kg
Overhang <	4.23 m +62 ° / 51 ° 200 kg
Pendula' am rotation (top / bottom) Q Platform capacity Q Turret rotation V Number of people (indoor / outdoor) V Weight and dimensions Immensions (length x width) Ip / ep Platform weight* Ip / ep Floor height (access) h20 Noveall width In 1 Overall length b1 Noveall width In 1 Overall height h17 H17 <td>+62 ° / 51 ° 200 kg</td>	+62 ° / 51 ° 200 kg
Platform capacity Q Turet totation 6 Number of people (indoor / outdoor) 6 Platform weight* 6 Platform weight* 6 Flatform weight* 6 Floor height (access) h20 Overall length 11 Overall length h17 Overall height h17 Uneight (access) 113 Counterweight offset (turet at 90%*) a7 Counterweight Oversize / Reach 8 External turning radius M6 Ground clearance with pothole guards deployed m6 Ground clearance at centre of wheelbase y Performances y Drive speed - raised x Ground clearance at centre of wheelbase y Proformances y Drive speed - raised x Ground clearance at centre of wheelbase y Proformances y Drive speed - stowed x Drive speed - stowed x Drive speed - stowed x </td <td>200 kg</td>	200 kg
Tumet rotation Number of people (indoor/ outdoor) Veloght and dimensions Patform weight Platform weight (access) h20 Overall length h1 Overall width b1 Overall width b1 Overall height h17 Overall height h17 Overall height h17 Die length h17 Counterweight Offset (turret at 90Å*) a7 Ground clearance under pothole guards deployed m6 Ground clearance at centre of wheelbase m6 Ground clearance at centre of wheelbase m7 Performances m6 Drive speed - stowed m6 Orive speed - stowed m6 Orive speed - stowed m6 Orive speed - stowed m6 Gradeability </td <td></td>	
Tumet rotation Number of people (indoor/ outdoor) Veloght and dimensions Patform weight Platform weight (access) h20 Overall length h1 Overall width b1 Overall width b1 Overall height h17 Overall height h17 Overall height h17 Die length h17 Counterweight Offset (turret at 90Å*) a7 Ground clearance under pothole guards deployed m6 Ground clearance at centre of wheelbase m6 Ground clearance at centre of wheelbase m7 Performances m6 Drive speed - stowed m6 Orive speed - stowed m6 Orive speed - stowed m6 Orive speed - stowed m6 Gradeability </td <td></td>	
Weight and dimensions	350 °
Weight and dimensions	2 / 1
Platform weight* jp / ep Platform dimensions (length x width) jp / ep Ploor height (access) h20 Overall length 11 Overall height b1 Overall height h17 Jib length 113 Counterweight offset (turet at 90Å*) a7 Counterweight Oversize / Reach w3 External turning radius W3 Ground clearance with pothole guards deployed m6 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase y Wheelbase y Partformances y Drive speed - raised y Groude bleveling y Premissible leveling y Premissible leveling y Standard tires y Drive speed - raised y Standard tires y Standard tires y Standard tires y Steering wheels (front / rear)	
Platform dimensions (length x width) lp / ep Floor keight (access) h20 Overall length 11 Overall keight h17 Use play height h17 Jib length 133 Counterweight offset (turet at 90Å*) a7 Counterweight Oversize / Reach Wa3 External turning radius Wa3 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at center of wheelbase y Performances y Drive speed - stowed y Drive speed - stowed y Briss speed - stowed y Bremissible leveling y Permissible leveling y Press standard tires y Standard tires y Standard tires y Standard tires y Election synthesis (front / rear) y Standard tires y Election synthesis (front / rear) y Electic engine power ra	2250 kg
Floor height (access) h.20 Overall length 11 Overall height h.17 Use la height h.17 Jib length 113 Counterweight Offset (turet at 90Å*) a7 Counterweight Oversize / Reach Wa3 External tuming radius Wa3 Ground clearance under pothole protection m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase y Wheelbase y Price speed - stowed y Drive speed - stowed y Groadeability Fermissible leveling Premissible leveling Fermissible leveling Tires type Standard tires Standard tires Fermissible leveling Steading wheels (front / rear) Fermissible leveling Steading wheels (front / rear) Fermissible leveling Electric engine power rating Fermissible leveling Electric engine power rating Fermissible leveling Electric engine power rating Fermissible leveling Electric engine powe	1.11 m x 0.93 m
Overall length 11 Overall width b1 Overall height h17 Jib length 113 Counterweight Offset (furret at 90Å*) a7 Counterweight Oversize / Reach Wa3 External turning radius Wa3 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase y Performance y Performance y Drive speed - stowed y Drive speed - stowed y Gradeability y Permissible leveling y Wheels y Standard tires y Steering wheels (front / rear) y Steering wheels (front / rear) y Braking wheels (front / rear) y Electric engine power rating y Electric lift pump y Braking wheels (front / rear) y Electric engine power rating y Electric lift pump y<	0.47 m
Overall width b1 Overall height h17 Jib length 113 Counterweight Offset (turet at 90Å*) a7 Counterweight Oversize / Reach " External turning radius Wa3 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase m2 Wheelbase y Performances " Drive speed - stowed " Drive speed - raised " Gradeability " Permissible leveling " Primes type " Standard tires " Tries type " Standard tires " Drive wheels (front / rear) " Steering wheels (front / rear) " Breaking wheels (front / rear)	2.95 m
Overall height h17 Jib length 113 Counterweight Offset (turet at 90Å*) a7 Counterweight Oversize / Reach ————————————————————————————————————	0.99 m
Jib length 113 Counterweight offset (turet at 90Å*) a7 Counterweight Oversize / Reach Wa3 External turning radius Wa3 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase y Performances y Drive speed - stowed y Drive speed - raised y Gradeability Fermissible leveling Wheels Tires type Standard tires Fermissible front / rear) Drive wheels (front / rear) Fermissible (front / rear) Steering wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear) Fermissible (front / rear) Braking wheels (front / rear)	1.99 m
Counterweight offset (turet at 90Â*) a7 Counterweight Oversize / Reach Wa3 External turning radius Wa3 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase m2 Wheelbase y Performances y Drive speed - stowed Test of the stowed Drive speed - raised Test of the stowed Gradeability Test of the stowed Permissible leveling Test of the stowed Tires type Standard tires Tires type Standard tires Streeting wheels (front / rear) Test of the stowed street, and the street	1.61 m
Counterweight Oversize / Reach Wa3 Extemal tuming radius Wa3 Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase m2 Wheelbase y Performances 9 Drive speed - stowed 9 Drive speed - raised 9 Gradeability 9 Permissible leveling 9 Wheels 9 Standard tires 9 Drive wheels (front / rear) 9 Steering wheels (front / rear) 9 Steering wheels (front / rear) 9 Electic engine power rating 9 Electric engine power rating 9 Electric engine power rating 9 Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage 9 Battery voltage 9	0.09 m
External turning radius Ground clearance with pothole guards deployed Ground clearance under pothole protection Ground clearance at centre of wheelbase Wheelbase Performances Drive speed - stowed Drive speed - raised Gradeability Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Electric engine power rating Electric engine power rating Electric engine power rating Electric or flydraulic pump / Capacity of hydraulic pump Battery voltage Battery voltage Battery voltage Battery voltage Battery voltage	
Ground clearance with pothole guards deployed m6 Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase m2 Wheelbase y Performances Drive speed - raised Drive speed - raised Ground clearance with pothole protection m6 Trives type Standard tires Trives type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	0.10 m
Ground clearance under pothole protection m6 Ground clearance at centre of wheelbase m2 Wheelbase y Performances m6 Drive speed - stowed	2.09 m
Ground clearance at centre of wheelbase Wheelbase Performances Drive speed - stowed Drive speed - raised Gradeability Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	0.02 m
Wheelbase y Performances Both Drive speed - stowed 6 Drive speed - raised 6 Gradeability 6 Permissible leveling Wheels 6 Tires type 6 Standard tires 6 Drive wheels (front / rear) 6 Steering wheels (front / rear) 6 Braking wheels (front / rear) 6 Electric engine power rating 6 Electric lift pump 6 Bumber of hydraulic pump / Capacity of hydraulic pump 6 Battery voltage 6 Battery capacity 6	0.03 m
Performances Drive speed - stowed Drive speed - raised Gradeability Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	0.09 m
Drive speed - stowed Drive speed - raised Gradeability Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Electric engine power rating Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	1.20 m
Drive speed - raised Gradeability Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Electric engine power rating Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	
Gradeability Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Electric engine power rating Electric engine power rating Electric lift pump Aumber of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	4.50 km/h
Permissible leveling Wheels Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	0.65 km/h
Wheels Tires type 5tandard tires Drive wheels (front / rear) 5teering wheels (front / rear) Steering wheels (front / rear) 5teering wheels (front / rear) Braking wheels (front / rear) 6 Electric engine power rating 6 Electric lift pump 6 Number of hydraulic pump / Capacity of hydraulic pump 6 Battery voltage 6 Battery capacity 6	25 %
Tires type Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	2 °
Standard tires Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	
Drive wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	Solid non-marking tires
Steering wheels (front / rear) Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	410 x 130 mm
Braking wheels (front / rear) Engine/Battery Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	0 / 2
Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	2 / 0
Electric engine power rating Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	0 / 2
Electric lift pump Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	
Number of hydraulic pump / Capacity of hydraulic pump Battery voltage Battery capacity	2 x 1.50 kW
Battery voltage Battery capacity	3 kW
Battery capacity Capacity	2 x 4.20 cm ³
	24 V
On board above (VIIA)	250 Ah
On-board 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
Noise to environment (LwA)	< 70 dB
Vibration on hands/arms	< 0.50 m/s ²
Standards compliance	- 0.00 my 0
	ropean directives: 2006/42/EC- Machinery

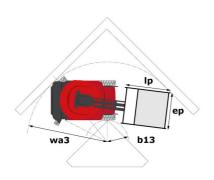
^{*}Varies according to options and standards of the country to which the machine is delivered

80 VJR - Load chart

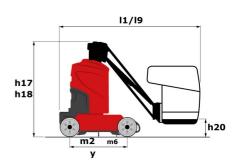
Load Chart for MEWP Metric



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 harmess
	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