Technical sheet :





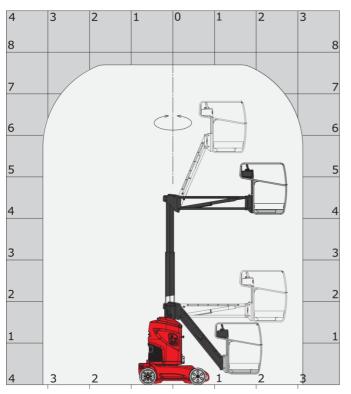


		acu off May 3, 2024 at 11.12.41 AN 010
Capacities		Metric
Working height	h21	7.65 m
Floor height (access)	h20	0.47 m
Platform height	h7	5.65 m
Max. outreach		3.24 m
Overhang		4.23 m
Pendular arm rotation (bottom)		+-70 °
Platform capacity	Q	200 kg
Turret rotation		350 °
Number of people (indoor / outdoor)		2 / 1
Weight and dimensions		
Platform weight*		2250 kg
Platform dimensions (length x width)	lp / ep	1.11 m x 0.93 m
Overall length	11	2.95 m
Overall width	b1	0.99 m
Overall height	h17	1.99 m
Jib length	113	1.50 m
Counterweight offset (turret at 90°)	a7	0.09 m
Counterweight Oversize / Reach	u,	0.10 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	0.02 m
Wheelbase	V	1.20 m
Performances	y	1.20 11
Drive speed - stowed		4.50 km/h
Drive speed - raised		0.65 km/h
Gradeability		25 %
Permissible leveling		23 % 2 °
Wheels		2
Tires type		Solid non-marking tires
Standard tires		410 x 130 mm
		0 / 2
Drive wheels (front / rear)		2/0
Steering wheels (front / rear)		0 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		2 x 1.50 kW
Electric engine power rating		
Electric Pump		3 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 4.20 cm ³
Battery voltage		24 V
Battery capacity		250 Ah
Integrated charger / charger		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
Vibration on hands/arms		< 2.50 m/s²
Standards compliance		European directives: 2006/42/EC- Machinery
This machine is in compliance with:		(revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

BO VJR Created on May 3, 2024 at 11:12:41 AM UTC

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

80 VJR - Load chart

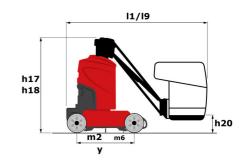


Load Chart for MEWP Metric

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

SMS : Safe Man System Safety hamess	
Biodegradable oil Cold weather protection oil Lights Maintenance-free battery Personalized paintwork SMS : Safe Man System Safety harness	110 or 230V plug with differential circuit breaker
Cold weather protection oil Lights Maintenance-free battery Personalized paintwork SMS : Safe Man System Safety harness	230V Predisposition
Lights Maintenance-free battery Personalized paintwork SMS : Safe Man System Safety harness	Biodegradable oil
Maintenance-free battery Personalized paintwork SMS : Safe Man System Safety harness	Cold weather protection oil
Personalized paintwork SMS : Safe Man System Safety harness	Lights
SMS : Safe Man System Safety hamess	Maintenance-free battery
Safety hamess	Personalized paintwork
	SMS : Safe Man System
	Safety hamess
Working light	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