

Technical sheet :

# 80 VJR

OXYGEN  
by MANITOU



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	7.65 m
Platform height	h7	5.65 m
Maximum outreach		3.20 m
Overhang		4.12 m
Pendular arm rotation (top / bottom)		+62 ° / 51 °
Platform capacity	Q	200 kg
Turret rotation		350 °
Number of people (indoor / outdoor)		2 / 1
Weight and dimensions		
Platform weight*		2410 kg
Platform dimensions (length x width)	lp / ep	1.19 m x 0.93 m
Floor height (access)	h20	0.41 m
Overall length	l1	2.90 m
Overall width	b1	0.99 m
Overall height	h17	1.99 m
Jib length	l13	1.61 m
Counterweight offset (turret at 90°)	a7	0.09 m
External turning radius	Wa3	2.10 m
Ground clearance under pothole protection	m6	0.03 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		
Tires type		Non marking cushion
Standard tires		16.5-11 1/4 / 406 x 127 mm
Drive wheels (front / rear)		0 / 2
Steering wheels (front / rear)		2 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Drive motor power rating		2 x 0.77 kW
Lift motor power		3 kW
Number of hydraulic pump / Capacity of hydraulic pump		2 x 3.75 cm³
Battery voltage		24 V
Battery capacity		250 Ah
On-board charger (V / A)		24 V / 30 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		32
Ground Pressure		10.50 daN/cm2
Hydraulic Pressure		140 bar
Hydraulic tank capacity		22 l
Noise to environment (LwA)		< 70 dB
Vibration on hands/arms		< 0.50 m/s²
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

\*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

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## Standard

Additional foot-operated hom

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

CAN bus technology

Easy Link with 2 year Service

Emergency stop button in platform and on frame

Fixed pothole protection

Fork pockets

Manual emergency lowering

Multi-function smartview display

Multi-voltage onboard charger - 48V - 35A - ZIVAN - Gel - Single-phase

Negative-type braking on rear wheels

Non-marking rubber tyres

Pendular arm

Proportional controls

Secondary Protection System (SPS)

Slinging and securing rings

Toolbox

Traction battery

Travel possible at maximum height

lace floor basket

## Optional

Audio warning on all motion

Audio warning on all motion

Audio warning on descent

Basket controls protection

Basket with hinged doors

Biodegradable hydraulic oil - Grade 32

Central filling system

Charger plug - 110V - 16A - United Kingdom (G) type

Cold weather protection oil

Easy Link - With access control keypad

Easy Link - With remote lock

Electrical pre-fitting - 230V - With IP65 reel

Harness detection with a warning light

LED amber strobe light on the basket

LED strobe light on the turret

LED work light - On basket

Maintenance-free battery

Personalized paintwork

Safety kit - Helmet and harness

Turret orientation detection

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