Technical sheet:

220 TJ+



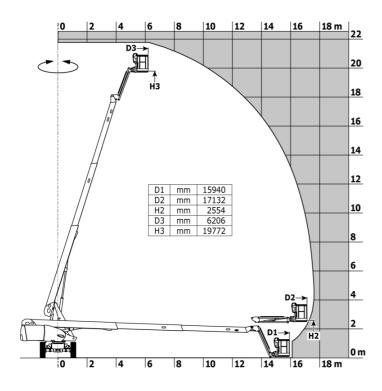


	220 TJ+ Clea	220 TJ+ Created on November 9, 2025 at 6:15 AM UTC	
Capacities		Metric	
Working height	h21	21.74 m	
Platform height	h7	19.74 m	
Maximum outreach		17.79 m	
Pendular arm rotation (top / bottom)		+70 ° / -63 °	
Platform capacity	Q	408 kg	
Turret rotation		360 °	
Platform rotation (right / left)		90 ° / 90 °	
Number of people (indoor / outdoor)		3 / 3	
Weight and dimensions			
Platform weight*		13880 kg	
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m	
Floor height (access)	h20	0.39 m	
Overall length	I1	10.06 m	
Overall width	b1	2.48 m	
Overall height	h17	2.66 m	
Overall length (stowed)	19	7.35 m	
Overall height (stowed)	h18 ***	3.03 m	
Jib length	I13	2 m	
Counterweight offset (turret at 90°)	a7	1.34 m	
External turning radius	Wa3	4.40 m	
Ground clearance at centre of wheelbase	m2	0.44 m	
Wheelbase	y	2.80 m	
Performances	, ,		
Drive speed - stowed		4.90 km/h	
Drive speed - raised		1 km/h	
Gradeability		40 %	
Permissible leveling		4 °	
Wheels			
Tires type		Solid tires	
Standard tires		40 x 14 in / 1025 x 365 mm	
Drive wheels (front / rear)		2 / 2	
Steering wheels (front / rear)		2/2	
Braking wheels (front / rear)		2/2	
Engine/Battery		2,72	
Engine brand / model		Yanmar - 3TNV88C	
Engine norm		Stage V	
Engine power (Hp / kW)		37 Hp / 27.50 kW	
Miscellaneous		67 Hp / 27.00 KH	
Ground Pressure		18.20 dan/cm2	
Hydraulic Pressure		400 bar	
Hydraulic tank capacity		941	
Fuel		761	
Sound pressure level (platform work station) (LpA)		82 dB	
Daily consumption **		6.27 l	
Standards compliance		0.27 1	
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

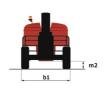
220 TJ+ - Load chart

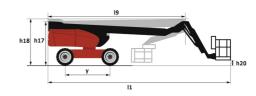
Load Chart for MEWP Metric



220 TJ+ - Dimensional drawing







Equipment

Standard

230V Predisposition

4 simultaneous movements

4 wheel drive

4 wheel steer with crab mode

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

Backup electrical pump

Connected machine

Continuous turret rotation

Dead man pedal

Differential locking on rear axle

Easy fast slinging system

Electronic platform compensation

Emergency stop button in platform and on frame

Engine compartment with key lock

Engine mounted on sliding platform

Engine with DPF (Diesel Particulate Filter)

Front axle with limited slip

Fuel gauge with low level indicator

Hour meter

Integrated diagnostic assistance

LED rotating beacon

LS pump

Large color screen on turret

Leveling unlocking

Oscillating front axle

Painted basket for heavy loads 2,300 mm (7ft 7 in.)

Protective cover for control panel

Remote control for transport

Stop & Go system

Turret orientation information

Yellow and black safety stickers on moving parts

Optional

110 or 230V plug with differential circuit breaker

Additional storage boxes

Battery blanket

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Biodegradable oil

Earthing and shortcircuiting pre-fitting (Bolted ball)

Easy link with remote lock

Engine Block Heater

Engine compartment with key lock

External pneumatic supply source

Hydraulic oil for cold temperature

Hydraulic oil heater

Key lock on fuel tank

LED amber strobe light on the basket

LED work light - On basket

Non marking tires

On-board generator (3,5 or 5 kW)

Packing for containerization

Painted basket - For heavy loads - Width: 2300 mm (7 ft. 7 in.)

Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)

Panel cradle

Pipe cradle

Rail protection

Reflective stripes

Safety kit - Harness + helmet

Safety valve

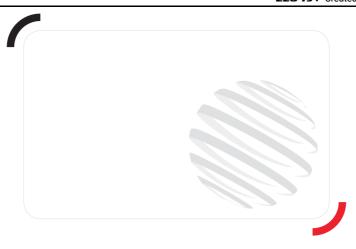
Screen protection on the lower box control

Special color paints

Starter battery charger and engine pre-heater with common outlet

Water predisposition

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