Technical sheet:

220 TJ+



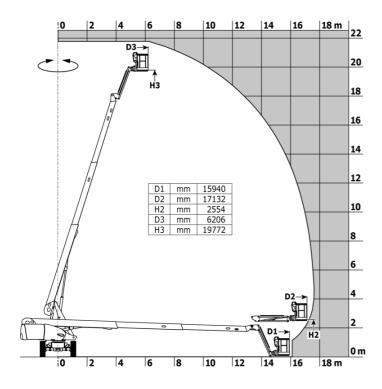


	220 TJ+	Created on April 28, 2025 at 9:40 AM UTC
Capacities		Metric
Working height	h21	21.74 m
Platform height	h7	19.74 m
Maximum outreach		17.79 m
Pendular arm rotation (top / bottom)		+70 ° / -63 °
Platform capacity	Q	408 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		
Platform weight*		13600 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.39 m
Overall length	11	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	l13	2 m
Counterweight offset (turret at 90Ű)	a7	1.34 m
	d/	1.34 m
Counterweight Oversize / Reach	Wa3	4.40 m
External turning radius	was m2	
Ground clearance at centre of wheelbase Wheelbase		0.44 m
Performances	У	2.80 m
Drive speed - stowed		4.90 km/h
Drive speed - raised		1 km/h
Gradeability		40 %
Permissible leveling		4°
Wheels		4
Tires type		Solid Tires Cured-On
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		212
Engine brand / model		Yanmar - 3TNV88C
Engine norm		
-		Stage V
I.C. Engine power rating / Power		36.20 Hp / 27.50 kW
Miscellaneous		10.00 / 0
Ground Pressure		18.20 dan/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94
Fuel tank		72
Noise to environment (LwA)		< 106 dB
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)

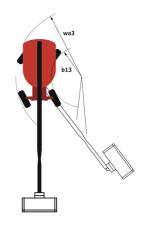
^{*}Varies according to options and standards of the country to which the machine is delivered

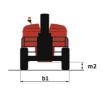
220 TJ+ - Load chart

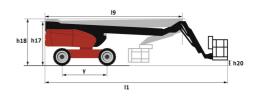
Load Chart for MEWP Metric



220 TJ+ - Dimensional drawing







Equipment

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

Differential locking on rear axle

Easy fast slinging system

Electronic platform compensation

Emergency stop button in platform and on frame

Engine mounted on sliding platform

Engine with DPF (Diesel Particulate Filter)

Front axle with limited slip

Fuel gauge with low level indicator

Heavy-duty painted basket 2.30 m

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

Optional

110 or 230V plug with differential circuit breaker

40' HC containerisation (for 2 machines)

Additional storage boxes

Audio warning on all motion

Audio warning on movement

Battery blanket

Battery charger automatic start

Battery cut-off

Biodegradable oil

Easy Link - With access control keypad

Easy link with remote lock

Engine Block Heater

Filter kit

Hydraulic oil heater

Key lock on fuel tank Key lock on turret cover

Non marking solid tyres

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

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

Panel cradle

Pipe cradle

Safety kit - Harness + helmet

Safety valve

Screen protection on the lower box control

Secondary Protection System (SPS)

Socket 230 V + differential circuit breaker

Spark arrester

Special color paints

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