Technical sheet:

# 220 TJ+



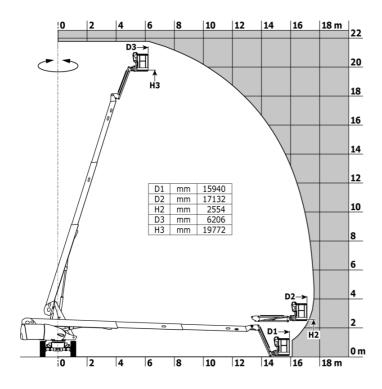


|  | 220 TJ+ Created | Created on December 11, 2025 at 2:44 AM UTC  |  |
|--|-----------------|--|--|
| Capacities   |                 | Metric   |  |
| Working height                                     | h21             | 21.74 m  |  |
| Platform height                                    | h7              | 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                                     | 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 90°)               | a7              | 1.34 m   |  |
|  | Wa3             | 4.40 m   |  |
| External turning radius                            |                 | 0.44 m   |  |
| Ground clearance at centre of wheelbase            | m2              |  |  |
| Wheelbase 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  |  |
| 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                                     |                 | 2/2  |  |
| Engine brand / model                               |                 | Yanmar - 3TNV88C   |  |
| Engine norm  |                 | Stage V  |  |
| -  |                 | -  |  |
| Engine power (Hp / kW)                             |                 | 37 Hp / 27.50 kW   |  |
| Miscellaneous                                      |                 | 10.00 day (age)  |  |
| 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   |  |
| Standards compliance                               |                 |  |  |
| This machine is in compliance with:                | (1              | European directives: 2006/42/EC- Machinery revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019 |  |

<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered

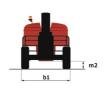
### 220 TJ+ - Load chart

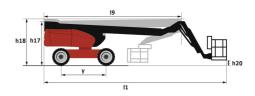
### Load Chart for MEWP Metric



# 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

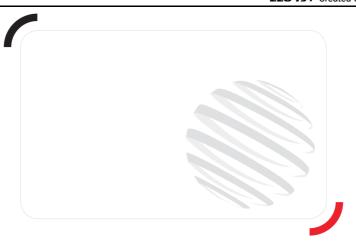
Screen protection on the lower box control

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