Technical sheet:

220 TJ ST5



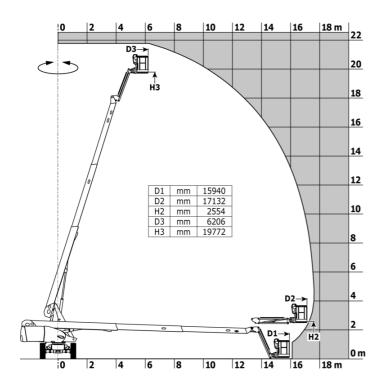


| Capacities Working height Platform height Maximum outreach Pendular arm rotation (top / bottom) Platform capacity | h21 h7 | Metric 21.77 m 19.77 m 17.63 m +69 ° / -66 ° 230 kg |
|------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------|
| Platform height Maximum outreach Pendular arm rotation (top / bottom) Platform capacity | h7 | 19.77 m 17.63 m +69 ° / -66 ° |
| Maximum outreach Pendular arm rotation (top / bottom) Platform capacity | | 17.63 m +69 ° / -66 ° |
| Pendular arm rotation (top / bottom) Platform capacity | Q | +69 ° / -66 ° |
| Platform capacity | Q | |
| • • | Q | 230 km |
| | | LOU NY |
| Turret rotation | | 360 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 11850 kg |
| Platform dimensions (length x width) | lp / ep | 2.10 m x 0.76 m |
| Floor height (access) | h20 | 0.39 m |
| Overall length | l1 | 9.81 m |
| Overall width | b1 | 2.48 m |
| Overall height | h17 | 2.66 m |
| Overall length (stowed) | 19 | 7.29 m |
| Overall height (stowed) | h18 *** | 2.72 m |
| Jib length | l13 | 2 m |
| Counterweight offset (turret at 90Ű) | a7 | 1.35 m |
| External turning radius | Wa3 | 6.19 m |
| Ground clearance at centre of wheelbase | m2 | 0.44 m |
| Wheelbase | ٧ | 2.80 m |
| Performances | | |
| Drive speed - stowed | | 4.40 km/h |
| Drive speed - raised | | 1 km/h |
| Gradeability | | 40 % |
| Permissible leveling | | 4 ° |
| Wheels | | |
| Tires type | | Solid Tires Cured-On |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 0 |
| Braking wheels (front / rear) | | 0 / 2 |
| Engine/Battery | | |
| Engine brand / model | | Yanmar - 3TNV88C |
| Engine norm | | Stage V |
| I.C. Engine power rating / Power | | 37 Hp / 27.50 kW |
| Miscellaneous | | |
| Ground Pressure | | 18.20 dan/cm2 |
| Hydraulic Pressure | | 340 bar |
| Hydraulic tank capacity | | 94 I |
| Fuel tank | | 72 I |
| Noise to environment (LwA) | | < 105 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) |

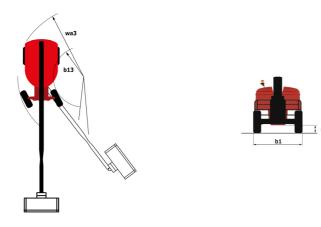
^{*}Varies according to options and standards of the country to which the machine is delivered

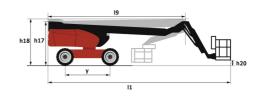
220 TJ ST5 - Load chart

Load Chart for MEWP Metric



220 TJ ST5 - Dimensional drawing





Equipment

230V Predisposition

4 simultaneous movements

4 wheel drive

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

Fully galvanized basket with demountable floor

Hour meter

Integrated diagnostic assistance

LED rotating beacon

LS pump

Large color screen on turret

Leveling unlocking

Oscillating front axle

Proportional controls

Stop & Go system

Optional

110 or 230V plug with differential circuit breaker

Battery blanket

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Engine Block Heater

Engine compartment with key lock

Galvanized basket 2.100 mm / 6'11" with lateral door

Hydraulic oil for cold temperature

Key lock on fuel tank

Non marking solid tyres

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

Personalized paintwork

Remote control for transport

Safety kit - Harness + helmet

Safety valve

Screen protection on the lower box control

Secondary Protection System (SPS)

Socket 230 V + differential circuit breaker

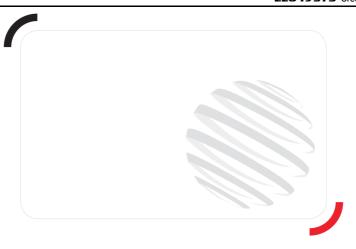
Solid tyres cured-on

Spark arrester

Turret orientation information

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



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