

Technical sheet :

220 TJ ST5



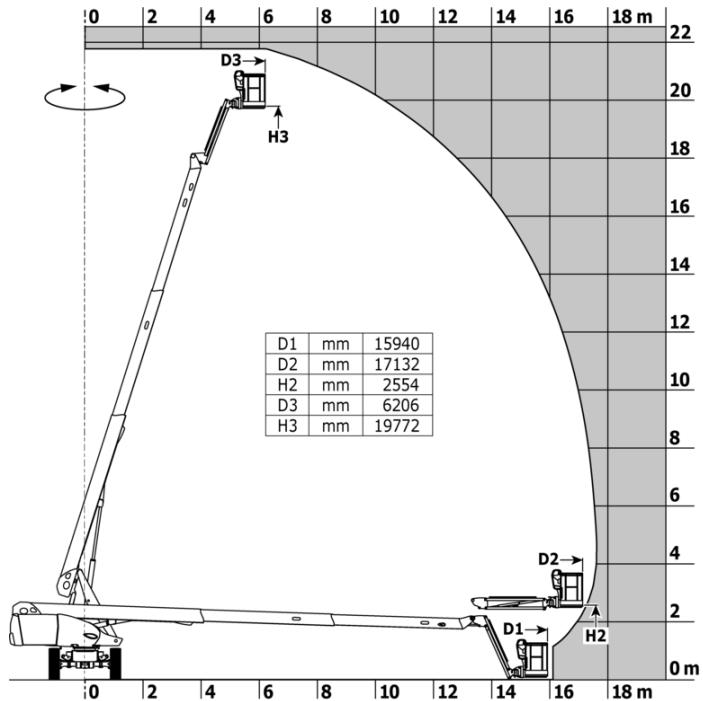
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| Capacities | | Metric |
|--|---------------------|--|
| Working height | h21 | 21.77 m |
| Platform height | h7 | 19.77 m |
| Maximum outreach | | 17.63 m |
| Pendular arm rotation (top / bottom) | | +69 ° / -66 ° |
| Platform capacity | Q | 230 kg |
| Turret rotation | | 360 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 12000 kg |
| Platform dimensions (length x width) | l _p / 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) | j9 | 7.29 m |
| Overall height (stowed) | h18 *** | 2.72 m |
| Jib length | l13 | 2 m |
| Counterweight offset (turret at 90°) | a7 | 1.35 m |
| External turning radius | Wa3 | 6.19 m |
| Ground clearance at centre of wheelbase | m2 | 0.44 m |
| Wheelbase | y | 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 |
| Standard tires | | 40 x 14 in / 1025 x 365 mm |
| 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 |
| Engine power (Hp / kW) | | 37 Hp / 27.50 kW |
| Miscellaneous | | |
| Ground Pressure | | 18.20 dan/cm ² |
| Hydraulic Pressure | | 340 bar |
| Hydraulic tank capacity | | 94 l |
| Fuel | | 76 l |
| Sound pressure level (platform work station) (LpA) | | 82 dB |
| Daily consumption ** | | 5.48 l |
| 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 |

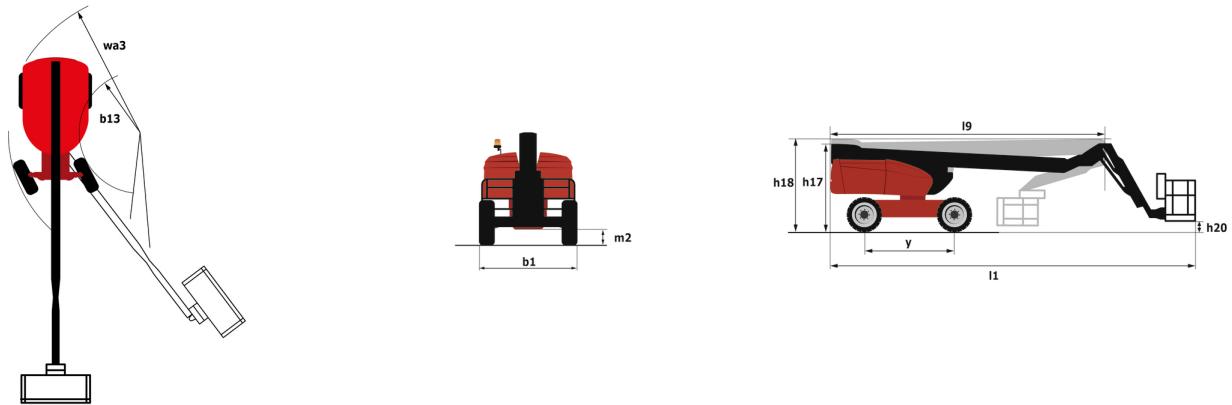
*Varies according to options and standards of the country to which the machine is delivered

220 TJ ST5 - Load chart

Load Chart for MEWP Metric



220 TJ ST5 - Dimensional drawing



Equipment

Standard

- 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
- 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
- Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)
- Hour meter
- Hydraulic oil heater
- Integrated diagnostic assistance
- LED rotating beacon
- LS pump
- Large color screen on turret
- Leveling unlocking
- Oscillating front axle
- Proportional controls
- Secondary Protection System (SPS)
- Stop & Go system
- Turret orientation information
- Yellow and black safety stickers on moving parts

Optional

- 110 or 230V plug with differential circuit breaker
- Audio warning on all motion
- Audio warning on translation
- Battery blanket
- Battery cut-off
- Biodegradable hydraulic oil - Grade 32
- Earthing and shortcircuiting pre-fitting (Bolted ball)
- Easy Link - With access control keypad
- Easy link with remote lock
- Engine Block Heater
- External pneumatic supply source
- Galvanized basket with side swing gate - Width: 2100 mm (6 ft. 11 in.)
- 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
- Personalized paintwork
- Rail protection
- Reflective stripes
- Remote control for transport
- Safety kit - Harness + helmet
- Safety valve
- Screen protection on the lower box control
- Starter battery charger and engine pre-heater with common outlet
- Water predisposition
- Working light



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