

Technical sheet :

220 TJ ST5



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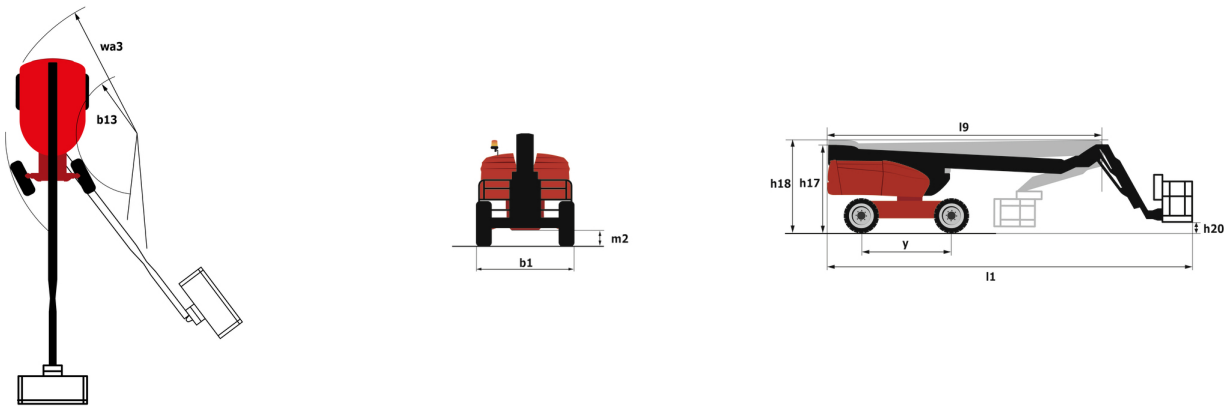
| Capacities | | Metric |
|--|---------|---|
| Working height | h21 | 21.77 m |
| Platform height | h7 | 19.77 m |
| Maximum outreach | | 17.63 m |
| Pendular arm rotation (top / bottom) | | +69 ° / -66 ° |
| Platform capacity | Q | 230 kg |
| Turret rotation | | 360 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (indoor / outdoor) | | 2 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 12000 kg |
| Platform dimensions (length x width) | 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) | l9 | 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 nom | | Stage V |
| Engine power (Hp / kW) | | 37 Hp / 27.50 kW |
| Miscellaneous | | |
| Ground Pressure | | 18.20 dan/cm2 |
| 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



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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