

Technical sheet :

# 220 TJ ST5

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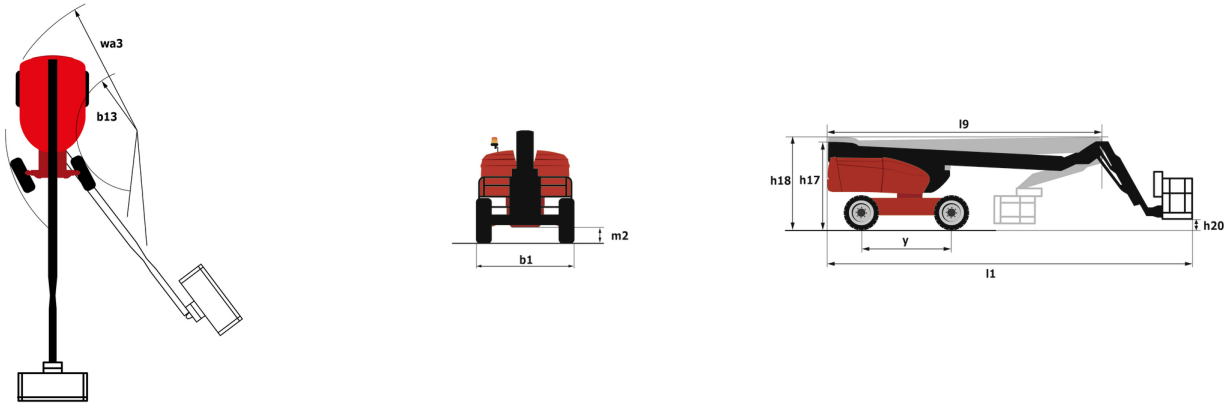
| Capacities                              |         | Metric   |
|---|---------|--|
| Working height                          | h21     | 21.77 m  |
| Floor height (access)                   | h20     | 0.39 m   |
| Platform height                         | h7      | 19.77 m  |
| Max. outreach                           |         | 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*                        |         | 11850 kg   |
| Platform dimensions (length x width)    | lp / ep | 2.10 m x 0.76 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 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 l   |
| Fuel tank                               |         | 72 l   |
| 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



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  |
| 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   |
| 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                                  |
| Galvanized basket 2.100 mm / 6'11" with lateral door |
| Hydraulic oil for cold temperature                   |
| Key lock on fuel tank                                |
| Key lock on turret cover                             |
| 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  |



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