

Scheda tecnica :

# 220 TJ ST5



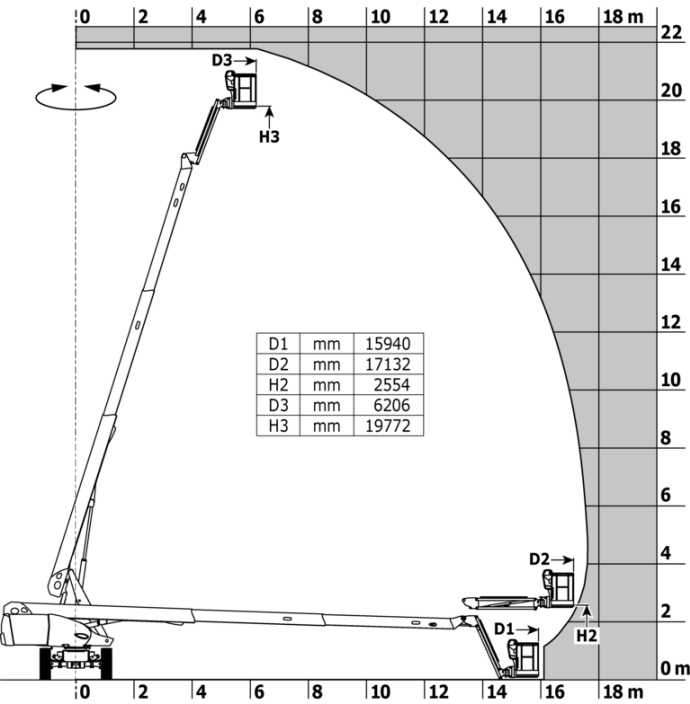
 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                              |         | Metrico                                                                                                        |
|-----------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|
| 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) |

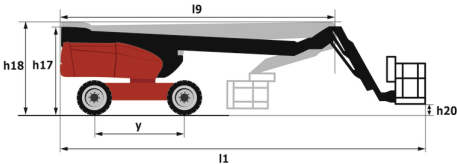
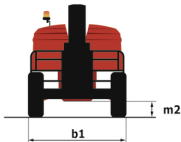
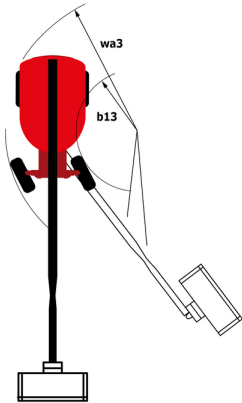
\*Varies according to options and standards of the country to which the machine is delivered

220 TJ ST5 - Diagramma di carico

Load Chart for MEWP Metric



220 TJ ST5 - Disegno quotato



# Allestimento

| 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                                                            |

| Opzionale                                            |
|------------------------------------------------------|
| 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                                        |



**Sede centrale**

MANITOU ITALIA Srl

Via Cristoforo Colombo 2, Loc. Cavazzona - 41013 CASTELFRANCO EMILIA (MO)

Tel: 059.95.98.11 - Fax 059.95.98.65

[www.manitou.com](http://www.manitou.com)



Questa pubblicazione presenta la descrizione delle versioni e delle possibilità di configurazione dei prodotti Manitou, che possono differire per attrezzature. Gli allestimenti presentati nel presente opuscolo possono essere di serie, optional o non disponibili, a seconda delle versioni. Manitou si riserva il diritto di modificare, in qualsiasi momento e senza alcun preavviso, le specifiche tecniche descritte e rappresentate. Le specifiche indicate non rappresentano alcun obbligo per il costruttore. Per maggiori dettagli, rivolgersi al proprio concessionario Manitou. Documento non contrattuale. Elenco delle specifiche non esaustivo. I loghi nonché l'identità visiva dell'azienda sono di proprietà di Manitou e non possono essere utilizzati senza autorizzazione. Tutti i diritti riservati. Le immagini e gli schemi contenuti nel presente opuscolo sono forniti esclusivamente a fini di consultazione e a titolo indicativo.

Manitou BF SA - Società anonima con consiglio di amministrazione. Capitale sociale: 39,668,399 euro - 857 802 508 RCS Nantes