

Scheda tecnica :

# 220 TJ ST5



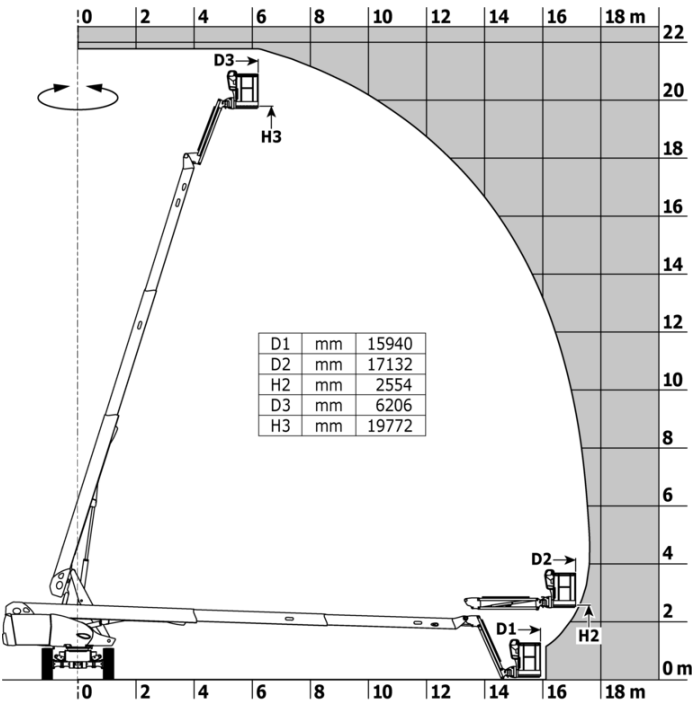
 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                              |         | Metrico  |
|---|---------|--|
| Working height                          | h21     | 21.77 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  |
| 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 90Å°)   | 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) |

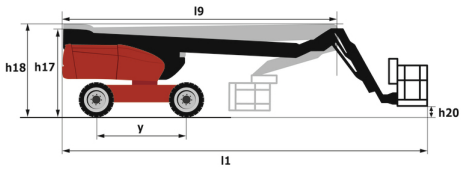
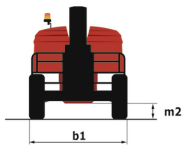
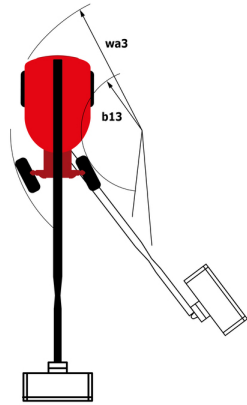
\*Varies according to options and standards of the country to which the machine is delivered

# 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 (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

## 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