

Technical sheet :

280 TJ ST5



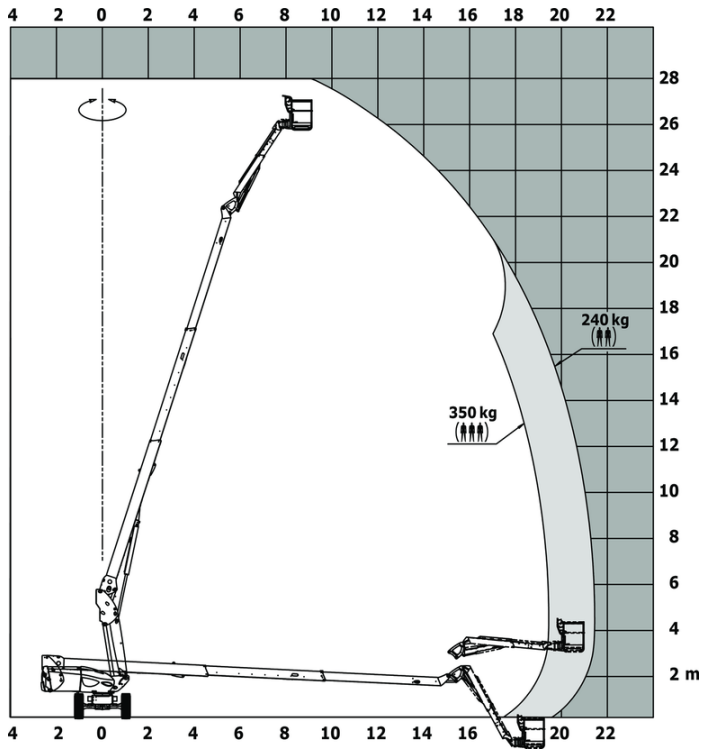
| Capacities | | Metric |
|--|---------|--|
| Working height | h21 | 27.73 m |
| Platform height | h7 | 25.73 m |
| Max. outreach | | 21.45 m |
| Pendular arm rotation (top / bottom) | | +56.80 ° / -62 ° |
| Platform capacity / capacity (maximum) | Q | 240 kg / 350 kg |
| Turret rotation | | 360 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (indoor / outdoor) | | 3 / 2 |
| Weight and dimensions | | |
| Platform weight* | | 16500 kg |
| Platform dimensions (length x width) | lp / ep | 2.30 m x 0.90 m |
| Floor height (access) | h20 | 0.40 m |
| Overall length | l1 | 11.36 m |
| Overall width | b1 | 2.48 m |
| Overall height | h17 | 2.73 m |
| Overall length (stowed) | l9 | 8.09 m |
| Overall height (stowed) | h18 *** | 2.71 m |
| Jib length | l13 | 3.80 m |
| Telescopic jib length retracted / extended | | 2800 mm / 4300 mm |
| Counterweight offset (turret at 90°) | a7 | 1.43 m |
| Counterweight Oversize / Reach | | 1.45 m |
| External turning radius | Wa3 | 4.35 m |
| Ground clearance at centre of wheelbase | m2 | 0.41 m |
| Wheelbase | y | 2.80 m |
| Performances | | |
| Drive speed - stowed | | 4.50 km/h |
| Drive speed - raised | | 0.80 km/h |
| Gradeability | | 35 % |
| Permissible leveling | | 4 ° |
| Wheels | | |
| Tires type | | Solid Tires Cured-On |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 2 |
| Braking wheels (front / rear) | | 2 / 2 |
| Engine/Battery | | |
| Engine brand / model | | Yanmar - 4TNV88C |
| Engine norm | | Stage V |
| I.C. Engine power rating / Power | | 46 Hp / 34.30 kW |
| Miscellaneous | | |
| Ground Pressure | | 21.30 dan/cm ² |
| Hydraulic Pressure | | 400 bar |
| Hydraulic tank capacity | | 94 l |
| Fuel tank | | 76 l |
| Noise to environment (LwA) | | < 106 dB |
| Vibration on hands/arms | | < 0.50 m/s ² |
| 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

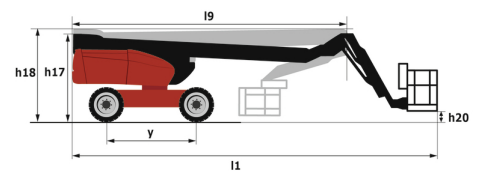
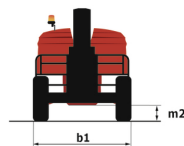
** According to "REDUCE cycle"

280 TJ ST5 - Load chart

Load Chart for MEWP Metric



280 TJ ST5 - Dimensional drawing



Equipment

Standard

230V Predisposition
 4 simultaneous movements
 4 wheel drive
 4 wheel steer with crab mode
 Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
 Backup electrical pump
 CAN bus technology
 Connected machine
 Continuous turret rotation
 Dead man pedal
 Differential locking on rear axle
 Emergency stop button in platform and on frame
 Engine on swivel chair
 Engine with DPF (Diesel Particulate Filter)
 Front axle with limited slip
 Fuel gauge with low level indicator
 Heavy-duty painted basket 2.30 m
 Hom in the platform
 Hour meter
 LED rotating beacon
 Large basket with three entries
 Oscillating front axle
 Remote control for transport
 Stop & Go system
 Telescopic jib
 Turret orientation information
 X Y function

Optional

Additional storage boxes
 Battery blanket
 Battery cut-off
 Biodegradable hydraulic oil - Grade 32
 Cold weather protection oil
 Easy link with remote lock
 Engine Block Heater
 High capacity starting battery
 Hydraulic oil heater
 Large basket 2.30m with lateral door
 Lockable fuel cap
 Non marking solid tyres
 On-board generator (3,5 or 5 kW)
 Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)
 Panel cradle
 Personalized paintwork
 Pipe cradle
 Safety kit - Harness + helmet
 Safety valve
 Screen protection on the lower box control
 Secondary Protection System (SPS)
 Socket 230 V + differential circuit breaker
 Spark arrester
 Working light



Head Office

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes