Technical sheet:

280 TJ ST5



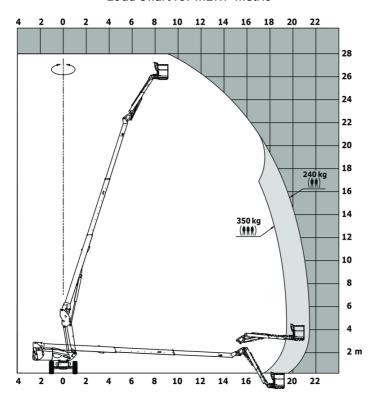


| | 280 TJ ST 5 | Created on July 27, 2025 at 12:33 AM UTC |
|--|-------------|--|
| Capacities | | Metric |
| Working height | h21 | 27.73 m |
| Platform height | h7 | 25.73 m |
| Maximum outreach | | 21.45 m |
| Pendular arm rotation (top / bottom) | | +56.80 ° / -62 ° |
| Platform capacity / capacity (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* | | 16900 kg |
| Platform dimensions (length x width) | lp / ep | 2.30 m x 0.90 m |
| Floor height (access) | h20 | 0.48 m |
| Overall length | I1 | 11.36 m |
| Overall width | b1 | 2.48 m |
| Overall height | h17 | 2.73 m |
| Overall length (stowed) | 19 | 8.09 m |
| Overall height (stowed) | h18 *** | 2.71 m |
| Jib length | l13 | 3.80 m |
| Counterweight offset (turret at 90Ű) | a7 | 1.43 m |
| External turning radius | Wa3 | 4.35 m |
| Ground clearance at centre of wheelbase | m2 | 0.41 m |
| Wheelbase | V | 2.80 m |
| Performances | У | 2.00 111 |
| Drive speed - stowed | | 4.50 km/h |
| Drive speed - raised | | 0.80 km/h |
| Gradeability | | 35 % |
| Permissible leveling | | 4 ° |
| Wheels | | 4 |
| Tires type | | Solid Tires Cured-On |
| Standard tires | | 40 x 14 in / 1025 x 365 mm |
| Drive wheels (front / rear) | | 2 / 2 |
| , | | |
| Steering wheels (front / rear) | | 2/2 2/2 |
| Braking wheels (front / rear) | | 2/2 |
| Engine/Battery | | Yanmar - 4TNV88C |
| Engine brand / model | | |
| Engine norm | | Stage V |
| I.C. Engine power rating / Power | | 46 Hp / 34.30 kW |
| Miscellaneous | | 01.00 / 0 |
| Ground Pressure | | 21.30 dan/cm2 |
| Hydraulic Pressure | | 400 bar |
| Hydraulic tank capacity | | 94 |
| Fuel tank | | 76 |
| Sound pressure level (platform work station) (LpA) | | 79 dB |
| Vibration on hands/arms | | < 0.50 m/s² |
| Daily consumption ** | | 8 |
| Standards compliance | | |
| This machine is in compliance with: | | European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 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" $\,$

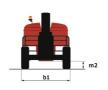
280 TJ ST5 - Load chart

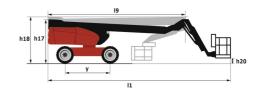
Load Chart for MEWP Metric



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

Connected machine

Continuous turret rotation

Dead man pedal

Differential locking on rear axle

Electronic platform compensation

Emergency stop button in platform and on frame

Engine compartment with key lock

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

Horn in the platform

Hour meter

Integrated diagnostic assistance

LED rotating beacon

LS pump

Large color screen on turret

Leveling unlocking

Oscillating front axle

Painted basket for heavy loads 2,300 mm (7ft 7 in.)

Protective cover for control panel

Remote control for transport

Secondary Protection System (SPS)

Stop & Go system

Telescopic jib

Turret orientation information

X Y function

Optiona

Additional storage boxes

Audio warning on all motion

Audio warning on movement

Battery blanket

Battery charger automatic start

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Cold weather protection oil

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

Hydraulic oil heater

Key lock on fuel tank

LED amber strobe light on the basket Non marking solid tyres

On-board generator (3.5 or 5 kW)

On-board generator (3,5 or 5 kW)

Packing for containerization

Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)

Panel cradle

Personalized paintwork

Pipe cradle

Rail protection Safety kit - Harness + helmet

Socket 230 V + differential circuit breaker

Water predisposition

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



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