Technical sheet:

280 TJ ST5



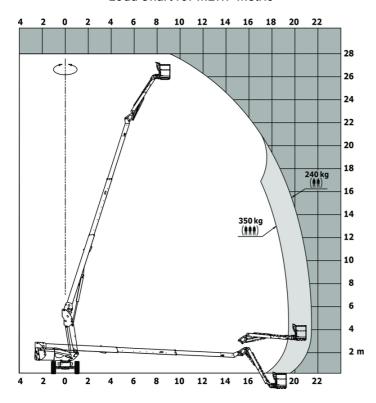


	280 TJ ST 5	Created on June 16, 2025 at 9:36 AM UTC
Capacities		Metric
Working height	h21	27.73 m
Platform height	h7	25.73 m
Maximum outreach		21.45 m
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg
Turret rotation	,	360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 2
Weight and dimensions		0,72
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
	h17	
Overall height		2.73 m
Overall length (stowed)	19	8.09 m
Overall height (stowed)	h18 ***	2.71 m
Jib length	113	3.80 m
Telescopic jib length retracted / extended		2800 mm / 4300 mm
Counterweight offset (turret at 90Ű)	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	у	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/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 I
Fuel tank		76 I
Noise to environment (LwA)		< 106 dB
Vibration on hands/arms		< 0.50 m/s²
Standards compliance		2.22 11/40
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" $\,$

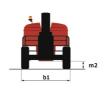
280 TJ ST5 - Load chart

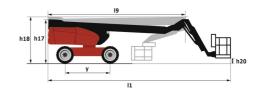
Load Chart for MEWP Metric



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

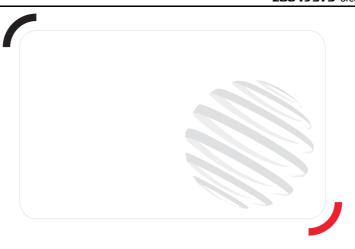
Screen protection on the lower box control

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