Technical sheet :

220 TJ-XP





220 TJ-XP Cr	220 TJ-XP Created on August 12, 2025 at 10:36 PM UTC	
	Metric	
h21	21.74 m	
h7	19.74 m	
	17.78 m	
	+70 ° / -63 °	
Q	350 kg	
	360 °	
	00 % / 00 %	

Platform capacity	Q	350 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		
Platform weight*		13600 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.39 m
Overall length	11	10.05 m
Overall width	b1	2.48 m
Overall height	h17	2.52 m
Overall length (stowed)	19	7.35 m
Overall height (stowed)	h18 ***	3.03 m
Jib length	113	2 m
Counterweight Oversize / Reach		1.34 m
External turning radius	Wa3	4.40 m
Ground clearance at centre of wheelbase	m2	0.44 m
Wheelbase	у	2.80 m
Performances		
Drive speed - stowed		5.40 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 / 2
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Engine brand / model		Kubota - V1505.E3B
Engine norm		Stage IIIA
I.C. Engine power rating / Power		35 Hp / 26.20 kW
Miscellaneous		
Ground Pressure		18.30 dan/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 I
Fuel tank		72
Noise to environment (LwA)		< 107 dB
Vibration on hands/arms		< 0.50 m/s²
Daily consumption **		7.98 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC)

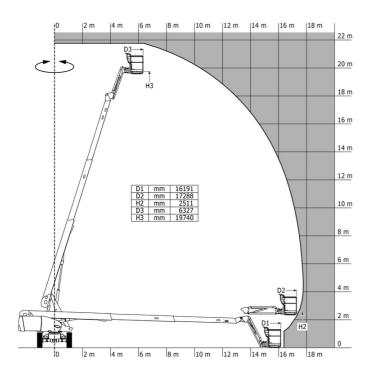
*Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

Capacities Working height Platform height Maximum outreach

Pendular arm rotation (top / bottom)

220 TJ-XP - Load chart

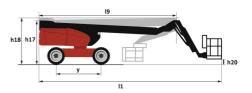
Load Chart for MEWP Metric



220 TJ-XP - Dimensional drawing







Equipment

Standard

230V Predisposition 4 simultaneous movements 4 wheel steer with crab mode Audible alarm and illuminated indicator lamp (leveling, overload, lowering) Backup electrical pump Continuous turret rotation Differential locking on rear axle Electronic platform compensation Emergency stop button in platform and on frame Engine mounted on sliding platform Fuel gauge with low level indicator Integrated diagnostic assistance Oscillating front axle Painted basket for heavy loads 2,300 mm (7ft 7 in.) Protective cover for control panel Remote control for transport

110 or 230V plug with differential circuit breaker Additional storage boxes Basket 1,800 mm Battery cut-off Biodegradable oil Catalytic cleaner Cold weather protection oil Engine compartment with key lock Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS: Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Optional
Basket 1,800 mmBattery cut-offBiodegradable oilCatalytic cleanerCold weather protection oilEngine compartment with key lockKey lock on fuel tankOn-board generator (3,5 or 5 kW)Panel support kitSMS : Safe Man SystemSafety hamessScreen protection on the lower box controlSpark arresterSpecial color paintsTube support kitWater predisposition	110 or 230V plug with differential circuit breaker
Battery cutoff Biodegradable oil Catalytic cleaner Cold weather protection oil Engine compartment with key lock Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Additional storage boxes
Biodegradable oil Catalytic cleaner Cold weather protection oil Engine compartment with key lock Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Basket 1,800 mm
Catalytic cleaner Cold weather protection oil Engine compartment with key lock Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Battery cut-off
Cold weather protection oil Engine compartment with key lock Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Biodegradable oil
Engine compartment with key lock Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Catalytic cleaner
Key lock on fuel tank On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Cold weather protection oil
On-board generator (3,5 or 5 kW) Panel support kit SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Engine compartment with key lock
Panel support kit SMS : Safe Man System Safety harness Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Key lock on fuel tank
SMS : Safe Man System Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	On-board generator (3,5 or 5 kW)
Safety hamess Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	Panel support kit
Screen protection on the lower box control Spark arrester Special color paints Tube support kit Water predisposition	SMS : Safe Man System
Spark arrester Special color paints Tube support kit Water predisposition	Safety hamess
Special color paints Tube support kit Water predisposition	Screen protection on the lower box control
Tube support kit Water predisposition	Spark arrester
Water predisposition	Special color paints
· ·	Tube support kit
Working light	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



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