Technical sheet:

220 TJ-XP



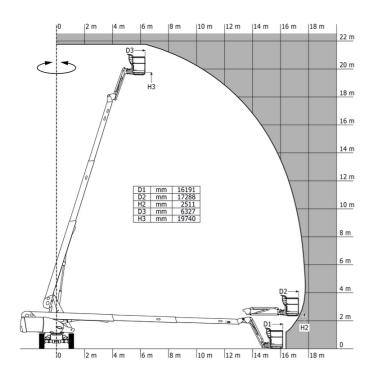


Woking height 121 21.74 m Halform height 167 19.74 m Halform copidit 17.7 m 19.74 m Hardform capacity 0 350 kg Turner tostion 90 * 90 * 90 * 90 * 90 * 90 * 90 * 90 *		220 TJ-XP UR	ated on August 2, 2025 at 3:54 AM UTC	
Patform helpit Marisman quarkech 17.78 m 17.78 m 17.97	Capacities		Metric	
Maximum culneach 17.78 m Pedidur am abation (top / bottom) 470 * '.43 * Flot from capacity 0 350 kg Tuent violation 90 * 790 * Hundrian maskin (ight / left) 90 * 790 * Hundrian maskin (ight / left) 90 * 790 * Haufoum weight* 13600 kg Haufoum weight* 15000 kg Haufoum weight* 11 100 5m Floor height (access) b20 0.39 m Overall height 11 10.05 m Overall height b1 2.48 m Overall height (stowed) 18 2.50 m Overall height (stowed) 18 3.03 m Islae legal (stowed) 18 7.00 m Islae legal (stowed) 18 4.00 m Ove	Working height	h21	21.74 m	
Periodia arm motation (top / bottom)	Platform height	h7	19.74 m	
Patform apacity Q 350 kg	Maximum outreach		17.78 m	
Turnet robinsion 360	Pendular arm rotation (top / bottom)		+70 ° / -63 °	
Patform rotation (right / left) 90 ° / 90 °	Platform capacity	Q	350 kg	
Number of people (Indoor / outdoor) 3 / 3 Waipin and dimensions Waipin and dimensions Waipin and dimensions (length x width) 1 10.000 kg 135000 kg 12.000 m x 0.900 m 10.000 kg	Turret rotation		360 °	
Number of people (Indoor / outdoor) 3 / 3 Waipin and dimensions Waipin and dimensions Waipin and dimensions (length x width) 1 10.000 kg 135000 kg 12.000 m x 0.900 m 10.000 kg	Platform rotation (right / left)		90 ° / 90 °	
Wildplaned dimensions Flatform dimensions (legift x width) 1 jp / ep 2.30 m x 9.9 m Floor height (access) h20 0.39 m Overall leright l1 1 10.05 m Overall leright b1 2.48 m Overall leright (stowd) l9 7.35 m Overall leright (stowd) l9 7.35 m Overall leright (stowd) l13 2 m Overall leright (stowd) was 3 4.40 m 3 Out of caract act centre of wheelbase m2 0.44 m 40 m Wheelbase m2 0.44 m 40 m	, - ,		3 / 3	
Platform weight*				
Floor height (access)	Platform weight*		13600 kg	
Floor height (access)	•	lp / ep	*	
Overall length 11 10.05 m Overall width b1 2.48 m Overall length (stowed) lp 7.25 m Overall length (stowed) lp 7.35 m Overall length (stowed) lh18 *** 3.03 m Jib length 113 2 m Counterweight Oversize / Reach 113 2 m External tuming radiu Wa3 4.40 m Groud clearance at centre of wheelbase m2 0.44 m Wikeelbase y 2.80 m Performances m2 0.44 m Drive speed - stowed 5.40 km/h Orive speed - stowed 5.40 km/h Gride splitly 40 % Permissible leveling 4 * Woeld 40 % Titles type Solid Titles Cured-On Dive wheels (front / rea) 2 / 2 Steering wheels (front / rea) 2 / 2 Steering wheels (front / rea) 2 / 2 Engine Name Kubota - V150 £ 28 Engine norm 8 Kubota - V150 £ 28 Le Engine	, ,			
Overall width b1 2.48 m Overall height h17 2.52 m Overall height (stowed) 19 7.35 m Overall height (stowed) h18 *** 3.03 m Jib length 113 2 m Counterweight (versize / Reach) 113 2 m External tuming radius Wa3 4.40 m Ground clearance at centre of wheelbase Wa2 0.44 m Wheelbase y 2.80 m Performances m2 0.44 m Drive speed - raised 5.40 km/h 1 km/h Gradeability 40 % 1 km/h Gradeability 4 * 4 * Wheels Solid Times Cured-On 1 km/h Times type Solid Times Cured-On 2 / 2 Steering wheels (front / rea) 2 / 2 2 Drive wheels (front / rea) 2 / 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			10.05 m	
Overall height (stowed) 19 7.35 m Overall height (stowed) 19 7.35 m Overall height (stowed) 18 *** 3.03 m Jib length 113 2 m Counterweight Oversize / Reach 113 2 m External turning radius Wa3 4.40 m Ground clearance at centre of wheelbase m2 0.44 m Wheelbase y 2.80 m Performances *** *** Dive speed - raised 5.40 km/h 1 km/h Gradeability 40 % 4 ** Permisable leveling 4 ** *** Wheels 2 2.7 2 Steering wheels (front / rear) 2 / 2 2.2 2 Braking wheels (front / rear) 2 / 2 2.2 2 Braking wheels (front / rear) 4 ** 4.2 2 Braking wheels (front / rear) 2 / 2 2.2 2 Braking wheels (front / rear) 3 ** 4.0 ** LC. Engine norm 8 ** 8 ** LC. Engine power rating / Power 3 **				
Overall length (stowed) 19 7.35 m Overall height (stowed) h18 **** 3.03 m bil beight 113 2 m Counterweight (versize / Reach 1.34 m 1.34 m External tuming radius Wa3 4.40 m Ground Clearance at centre of wheelbase m2 0.44 m Wheelbase y 2.80 m Performances y 2.80 m Drive speed - raised 5.40 km/h 1 km/h Gradeability 40 % 4 ** Permissible leveling 4 ** 4 ** Wheels Solid Tires Cured-On 4 ** Wheels (front / rear) 2 / 2 2 / 2 Skering wheels (front / rear) 2 / 2 2 / 2 Skering wheels (front / rear) 2 / 2 2 / 2 Engine brand / model 5 / 40 km/h 2 / 2 2 / 2 Engine brand / model 8 / 40 km/h 35 Hg / 26, 20 kW 4 / 4 4 / 4 4 / 4 4 / 4 4 / 4 4 / 4 4 / 4 4 / 4 4 / 4 4 / 4 4 /				
Overall height (stowed) h18 *** 3.03 m Jib length I13 2 m Counterweight Oversize / Reach 1.34 m External tuning radius Wa3 4.40 m Ground clearance at centre of wheelbase m2 0.44 m Wheelbase y 2.80 m Performances ** ** Drive speed - stowed 5.40 km/h ** Drive speed - stowed 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 ** Steering wheels (front / rear) \$* 2 / 2 ** Steering wheels (front / rear) \$* 2 / 2 ** Steering wheels (front / rear) \$* \$* ** ** ** ** ** ** ** ** ** ** <td>•</td> <td></td> <td></td>	•			
Jib length	- , ,			
Counterweight Oversize / Reach 1.34 m External tuming radius Wa3 4.40 m Ground clearance at centre of wheelbase m2 0.44 m Wheelbase y 2.80 m Performances 1 km/h Gradeability 40 % 1 km/h Gradeability 40 % 1 km/h Gradeability 40 % 1 km/h Groud Permissible leveling 4 * 1 km/h Groud Permissible leveling 5.01 km/h 1 km/h Groud Permissible leveling 4 * 1 km/h Groud Permissible leveling 5.01 km/h 1 km/h Title style 5.01 km/h 2 / 2 Steening wheels (front / rear) 2 / 2 2 Braking wheels (front / rear) 2 / 2 2 Engine brand / model Kubota · V1505.E38 Stage Illa Engine brand / model	- , ,			
External turning radius Wa3 4.40 m Ground clearance at centre of wheelbase m2 0.44 m Wheelbase y 2.80 m Performances 5.40 km/h Drive speed - raised 1 km/h 6 deability 40 % Permissible leveling 4* 1 km/h Gradeability 40 % 1 km/h Gradeability 40 % <td -="" -<="" rowspaced="" stowed="" td=""><td>•</td><td>113</td><td></td></td>	<td>•</td> <td>113</td> <td></td>	•	113	
Ground clearance at centre of wheelbase m2 0.44 m Wheelbase y 2.80 m Performances Common region Common region Drive speed - stowed 5.40 km/h Drive speed - raised 1 km/h 6.40 km/h Gradeability 40 % Permissible leveling 4.* Wheels Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 Solid Times Cured-On Drive wheels (front / rear) 2 / 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		We2		
Wheelbase y 2.80 m Performances Common	•			
Performances 5.40 km/h Drive speed - stowed 5.40 km/h Drive speed - raised 1 km/h Gradeability 40 % Permissible leveling 4 * Wheels Solid Tires Cured-On Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Engine Patard / model Kubota - V1505.E38 Engine norm Stage IIIA LC. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB		IIIZ		
Drive speed - raised 5.40 km/h Gradeability 4 % Permissible leveling 4 * Wheels Solid Tires Cured-On Drive wheels (front / rear) 2 / 2 Steening wheels (front / rear) 2 / 2 Braking wheels (front / rear) 3 / 2 Engine brand / model Kubota - V1505.E38 Engine norm Stage IIIA LC. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB		У	2.00 III	
Drive speed - raised 1 km/h Gradeability 40 % Permissible leveling 4 * Wheels Tries type Solid Tires Cured-On Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 2 / 2 Engine/Batery Engine brand / model Kubota - V1505.E3B Engine norm Stage IIIA LC. 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 I Noise to environment (LwA) < 107 dB			5.40 km/h	
Gradeability 40 % Permissible leveling 4 * Wheels Solid Tires Cured-On Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Engine Pastery Kubota - V1505.E3B Engine nom Stage IIIA L.C. Engine power rating / Power 35 Hp. / 26.20 kW Miscellaneous 35 Hp. / 26.20 kW Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB	•			
Pemissible leveling 4 ° Wheels Solid Tires Cured-On Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Engine-/Battery Kubota - V1505.E3B Engine brand / model Kubota - V1505.E3B Engine norm Stage IIIA LC. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 400 bar Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB Vibration on hands/arms < 0.50 m/s² Daily consumption ** To supplie to a compliance European directives: 2006/42/EC- Machinery	·			
Wheels Solid Tires Cured-On Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Engline Bratery Kubota - V1505.E3B Engline brand / model Kubota - V1505.E3B Engline norm Stage IIIA LC. Engline power rating / Power 35 Hp / 26.20 kW Miscellaneous 8 Ground Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB	·			
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 Power 2 / 2 Engine brand / model Kubota - V1505.E3B Engine power rating / Power Stage IIIA L.C. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 400 bar Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB	-		4	
Drive wheels (front / rear) 2 / 2 Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Engine/Battey 2 / 2 Engine brand / model Kubota - V1505.E3B Engine norm Stage IIIA LC. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB			Solid Tiron Cured On	
Steering wheels (front / rear) 2 / 2 Braking wheels (front / rear) 2 / 2 Engine/Battery Stage IIIA Engine norm Stage IIIA L.C. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB	•			
Braking wheels (front / rear) Engine/Battery Engine brand / model Engine brand / model Engine norm I.C. Engine power rating / Power Miscellaneous Ground Pressure Hydraulic Pressure Hydraulic tank capacity Fuel tank Vibration on hands/arms Daily consumption ** Stage IIIA 18.30 dan/cm2 400 bar 400 bar 41 Fuel tank 72 I Noise to environment (LwA) Vibration on hands/arms Daily consumption ** Standards compliance European directives: 2006/42/EC- Machinery	` '			
Engine/Battery Kubota - V1505.E3B Engine brand / model Kubota - V1505.E3B Engine norm Stage IIIA I.C. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic Pressure 94 I Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB				
Engine brand / model Kubota - V1505.E3B Engine norm Stage IIIA I.C. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous US Ground Pressure 18.30 dan/cm2 Hydraulic Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB			2 / 2	
Engine norm Stage IIIA I.C. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 6round Pressure Ground Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB			Vulnata 1/1505 F2D	
L.C. Engine power rating / Power 35 Hp / 26.20 kW Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB	•			
Miscellaneous 18.30 dan/cm2 Ground Pressure 400 bar Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB	-		· · · · · · · · · · · · · · · · · · ·	
Ground Pressure 18.30 dan/cm2 Hydraulic Pressure 400 bar Hydraulic tank capacity 94 l Fuel tank 72 l Noise to environment (LwA) < 107 dB			35 Hp / 26.20 kW	
Hydraulic Pressure 400 bar Hydraulic tank capacity 94 l Fuel tank 72 l Noise to environment (LwA) < 107 dB			10.00 1 / 0	
Hydraulic tank capacity 94 I Fuel tank 72 I Noise to environment (LwA) < 107 dB				
Fuel tank Noise to environment (LwA) Vibration on hands/arms Daily consumption ** Standards compliance This modeline is compliance with: European directives: 2006/42/EC- Machinery	•			
Noise to environment (LwA) Vibration on hands/arms Daily consumption ** Standards compliance This monthing is in compliance with: European directives: 2006/42/EC- Machinery				
Vibration on hands/arms < 0.50 m/s² Daily consumption ** Standards compliance This monthing is in compliance with: European directives: 2006/42/EC- Machinery				
Daily consumption ** Standards compliance This modeline is in compliance with: European directives: 2006/42/EC- Machinery	, ,			
Standards compliance European directives: 2006/42/EC- Machinery				
This machine is in compliance with:	, , ,		7.98	
	Standards compliance			
(1611000 1/1200.2010) 2004/100/10 (1810)	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" $\,$

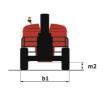
220 TJ-XP - Load chart

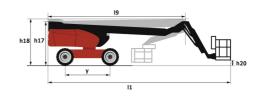
Load Chart for MEWP Metric



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

Optional

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 harness

Screen protection on the lower box control

Spark arrester

Special color paints

Tube support kit

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