

Technical sheet :

# 220 TJ-XP

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 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Working height	h21	21.74 m
Platform height	h7	19.74 m
Maximum outreach		17.79 m
Pendular arm rotation (top / bottom)		+70 ° / -63 °
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	l1	10.05 m
Overall width	b1	2.48 m
Overall height	h17	2.52 m
Overall length (stowed)	l9	7.35 m
Overall height (stowed)	h18 ***	3.03 m
Jib length	l13	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	y	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
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
Engine power (Hp / kW)		35 Hp / 26.20 kW
Miscellaneous		
Ground Pressure		18.30 daN/cm <sup>2</sup>
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 l
Fuel		72 l
Noise to environment (LwA)		< 107 dB
Vibration on hands/arms		< 0.50 m/s <sup>2</sup>
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"

## 220 TJ-XP - Load chart

Load Chart for MEWP Metric



## 220 TJ-XP - Dimensional drawing



# Equipment

## Standard

4 simultaneous movements  
4 wheel steer with crab mode  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
Backup electrical pump  
Basket controls protection  
Continuous turret rotation  
Differential locking on rear axle  
Electrical pre-fitting - 230V  
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 - Width: 2300 mm (7 ft. 7 in.)  
Remote control for transport

## Optional

Additional storage boxes  
Basket 1,800 mm  
Battery cut-off  
Biodegradable oil  
Catalytic cleaner  
Charger plug - 110V - 16A - United Kingdom (G) type  
Cold weather protection oil  
Diesel tank locking cap  
Key lock on turret cover  
LED work light - On basket  
On-board generator (3,5 or 5 kW)  
Panel support kit  
Safe Man System (SMS)  
Safety harness  
Screen protection on the lower box control  
Spark arrester muffler  
Special paint  
Tube support kit  
Water pre-fitting



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