

Technical sheet :

220 TJ-XP



 **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 ²
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 ²
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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