

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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