

Technical sheet :

280 TJ-X



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---------|---|
| Working height | h21 | 27.73 m |
| Platform height | h7 | 25.73 m |
| Maximum outreach | | 21.45 m |
| Pendular arm rotation (top / bottom) | | +56.80 ° / -62 ° |
| Platform capacity / capacity (maximum) | Q | 240 kg / 350 kg |
| Turret rotation | | 360 ° |
| Platform rotation (right / left) | | 90 ° / 90 ° |
| Number of people (indoor / outdoor) | | 2 / 3 |
| Weight and dimensions | | |
| Platform weight* | | 16650 kg |
| Platform dimensions (length x width) | lp / ep | 2.30 m x 0.90 m |
| Floor height (access) | h20 | 0.48 m |
| Overall length | l1 | 11.36 m |
| Overall width | b1 | 2.48 m |
| Overall height | h17 | 2.73 m |
| Overall length (stowed) | l9 | 8.09 m |
| Overall height (stowed) | h18 *** | 2.71 m |
| Overall length with platform extension | l15 | 11.35 m |
| Counterweight Oversize / Reach | | 1.45 m |
| Ground clearance at centre of wheelbase | m2 | 0.41 m |
| Wheelbase | y | 2.80 m |
| Performances | | |
| Drive speed - stowed | | 4.50 km/h |
| Drive speed - raised | | 0.80 km/h |
| Gradeability | | 34 % |
| Permissible leveling | | 4 ° |
| Wheels | | |
| Drive wheels (front / rear) | | 2 / 2 |
| Braking wheels (front / rear) | | 2 / 2 |
| Engine/Battery | | |
| Engine brand / model | | Kubota - V2403-M |
| Engine norm | | Tier 4 |
| Engine power (Hp / kW) | | 46 Hp / 34.10 kW |
| Miscellaneous | | |
| Ground Pressure | | 22.25 dan/cm2 |
| Hydraulic Pressure | | 250 bar |
| Fuel | | 72 l |
| Vibration on hands/arms | | 0.50 m/s² |
| Daily consumption ** | | 10.81 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"

280 TJ-X - Load chart

Load Chart for MEWP Metric



280 TJ-X - Dimensional drawing



Equipment

| Standard |
|---|
| 20" tyres |
| 230V Predisposition |
| 4 simultaneous movements |
| 4 wheel drive |
| 4 wheel steer with crab mode |
| Audible alarm and illuminated indicator lamp (leveling, overload, lowering) |
| Backup electrical pump |
| CAN bus technology |
| Continuous turret rotation |
| Dead man pedal |
| Differential locking on rear axle |
| Electronic platform compensation |
| Emergency stop button in platform and on frame |
| Engine on swivel chair |
| Front axle with limited slip |
| Fuel gauge with low level indicator |
| Horn in the platform |
| Integrated diagnostic assistance |
| Oscillating front axle |
| Painted basket for heavy loads 2,300 mm (7ft 7 in.) |
| Optional |
| 110 or 230V plug with differential circuit breaker |
| Additional storage boxes |
| Basket 1,800 mm |
| Biodegradable oil |
| Catalytic cleaner |
| Coded anti-start |
| Cold weather protection oil |
| Engine compartment with key lock |
| High capacity starting battery |
| Lockable fuel cap |
| Non-marking tles |
| On-board generator (3,5 or 5 kW) |
| Refinery kit |
| SMS : Safe Man System |
| Safety harness |
| Screen protection on the lower box control |
| Water predisposition |



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