

Technical sheet :

# 280 TJ-X

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| 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   |
| I.C. Engine power rating / Power        |         | 46 Hp / 34.10 kW   |
| Miscellaneous                           |         |  |
| Ground Pressure                         |         | 22.25 dan/cm2  |
| Hydraulic Pressure                      |         | 250 bar  |
| Fuel tank                               |         | 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) - 2006/95/EC (Low voltage) |

\*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 tyres   |
| 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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