

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                                                                              |
| 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/s <sup>2</sup>                                                             |
| 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
- 4 simultaneous movements
- 4 wheel drive
- 4 wheel steer with crab mode
- Additional foot-operated hom
- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Backup electrical pump
- CAN bus technology
- Continuous turret rotation
- Differential locking on rear axle
- Driver presence pedal
- Electrical pre-fitting - 230V
- 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
- Integrated diagnostic assistance
- Oscillating front axle
- Painted basket - For heavy loads - Width: 2300 mm (7 ft. 7 in.)

### Optional

- Additional storage boxes
- Anti-theft digicode
- Basket 1,800 mm
- Biodegradable oil
- Catalytic cleaner
- Charger plug - 110V - 16A - United Kingdom (G) type
- Cold weather protection oil
- Diesel tank locking cap
- Higher capacity battery, to start the machine easily in cold countries.
- Key lock on turret cover
- Non-marking tires
- On-board generator (3,5 or 5 kW)
- Refinery kit
- Safe Man System (SMS)
- Safety harness
- Screen protection on the lower box control
- Water pre-fitting

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