

Technical sheet :

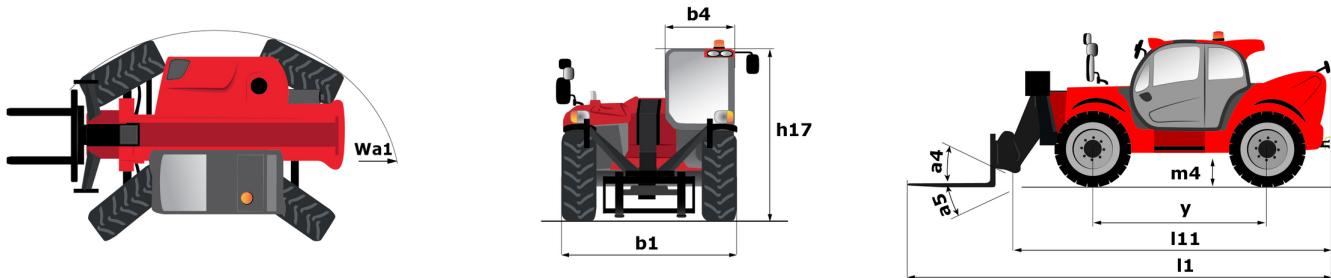
MT-X 1840 A



 **MANITOU**
HANDLING YOUR WORLD

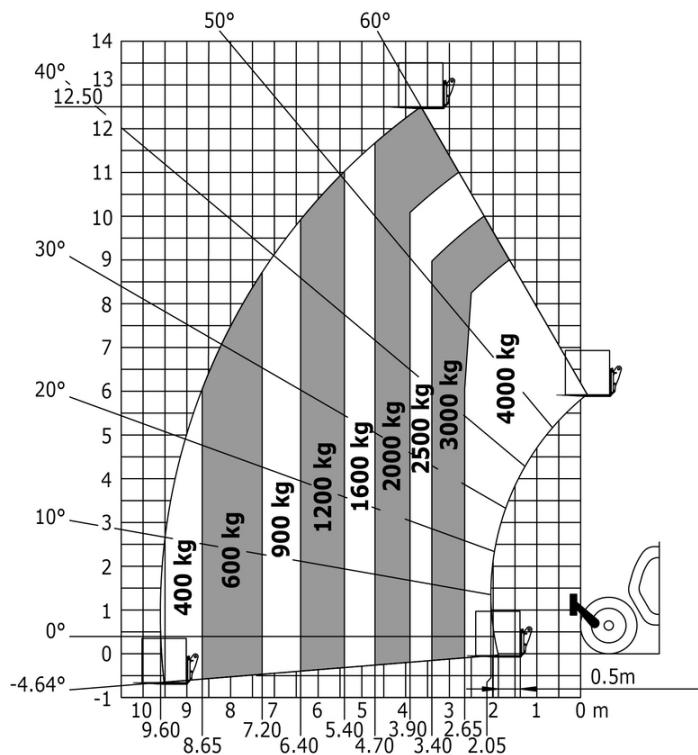
| Capacities | | Metric | |
|---|-----------|--|--|
| Max. capacity | | 4000 kg | |
| Max. lifting height | | 17.55 m | |
| Maximum outreach | | 9.60 m | |
| Breakout force with bucket | | 8400 daN | |
| Weight and dimensions | | | |
| Overall length to carriage | I11 | 6.16 m | |
| Length to face of forks | I2 | 6.27 m | |
| Overall width | b1 | 2.42 m | |
| Overall height | h17 | 2.45 m | |
| Wheelbase | y | 3.07 m | |
| Ground clearance | m4 | 0.37 m | |
| Overall cab width | b4 | 0.89 m | |
| Tilt-up angle | a4 | 12 ° | |
| Tilt-down angle | a5 | 114 ° | |
| External turning radius (over tyres) | Wa1 | 3.94 m | |
| Overall weight | | 12560 kg | |
| Unladen weight (with man basket) | | 12560 kg | |
| Tires type | | Pneumatic | |
| Standard tires | | Alliance 400/80 - 24 - 162A8 | |
| Forks length / width / section | I / e / s | 1200 mm x 125 mm x 50 mm | |
| Performances | | | |
| Lifting | | 18 s | |
| Lowering | | 14.40 s | |
| Extension | | 17.90 s | |
| Retraction | | 16.50 s | |
| Crowd | | 5.10 s | |
| Dump | | 4 s | |
| Engine | | | |
| Engine brand | | Perkins | |
| Engine norm | | Stage IIIA | |
| Max. fuel sulphur content | | 5000 ppm | |
| Engine model | | 1104D-44TA | |
| Number of cylinders / Capacity of cylinders | | 4 - 4400 cm³ | |
| Engine power (Hp/kW) | | 101 Hp / 74.50 kW | |
| Max. torque / Engine rotation | | 400 Nm @ 1400 rpm | |
| Drawbar pull (Laden) | | 10000 daN | |
| Transmission | | | |
| Transmission type | | Torque converter | |
| Number of gears (forward / reverse) | | 4 / 4 | |
| Max. travel speed | | 24.90 km/h | |
| Parking brake | | Automatic Negative Hand-brake | |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles | |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | |
| Hydraulic flow / Pressure | | 167 l/min-265 bar | |
| Tank capacities | | | |
| Engine oil | | 11.40 l | |
| Hydraulic oil | | 135 l | |
| Hydraulic tank capacity | | 175 l | |
| Fuel | | 140 l | |
| Noise and vibration | | | |
| Noise at driving position (LpA) | | 82 dB | |
| Noise to environment (LWA) | | 105 dB | |
| Vibration on hands/arms | | < 2.50 m/s² | |
| Compatible platform | | | |
| Platform capacity | Q | 1000 kg | |
| Number of people | | 3 | |
| Platform dimensions (length x width) | Ip / ep | 5000 m x 1200 m | |
| Platform weight* | | 1150 kg | |
| Miscellaneous | | | |
| Steering wheels (front / rear) | | 2 / 2 | |
| Drive wheels (front / rear) | | 2 / 2 | |
| Cab certification | | Cabin ROPS - FOPS level 2 | |
| Controls | | JSM | |

MT-X 1840 A - Dimensional drawing

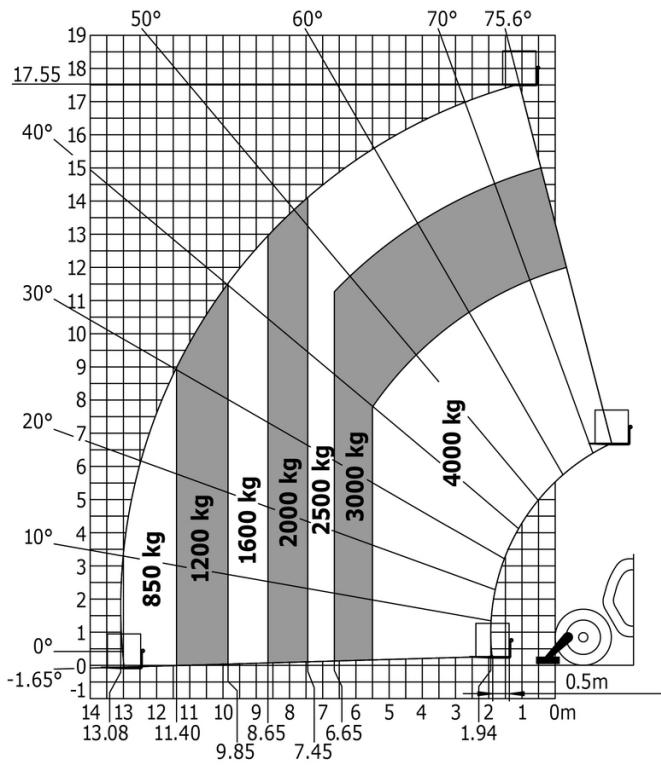


MT-X 1840 A - Load chart

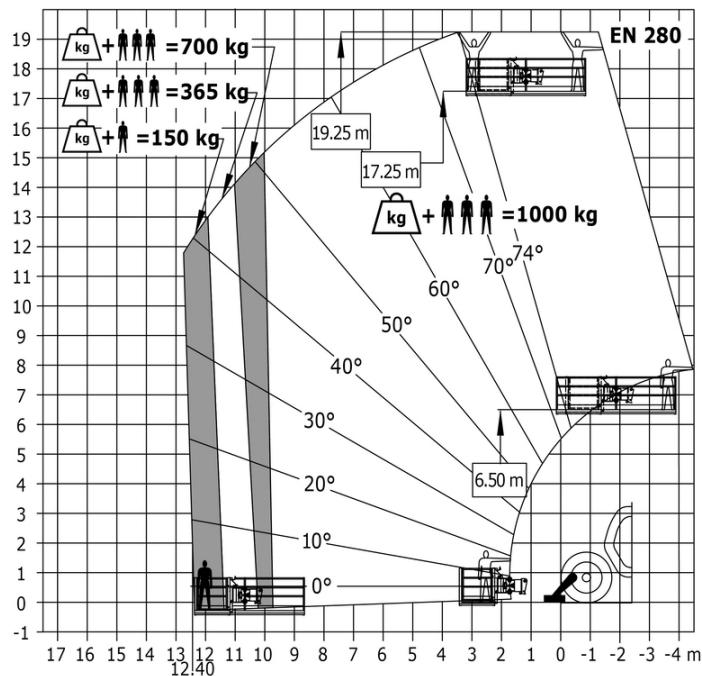
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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