Technical sheet :

## MT-X 1440 A

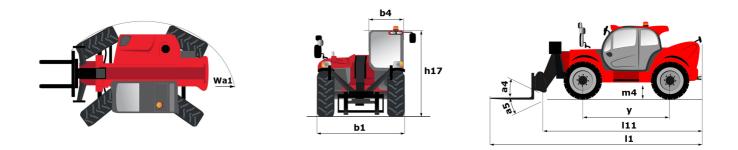




| 1T-X 1440 A | Created | on Ai | iquist 12 | 2025   | at | 7.08 | PM    | LITC |
|-------------|---------|-------|-----------|--------|----|------|-------|------|
| 11-X 144U A | Ulcalcu |       | յսսելլշ   | . 2020 | αι | 1.00 | 1 171 |      |

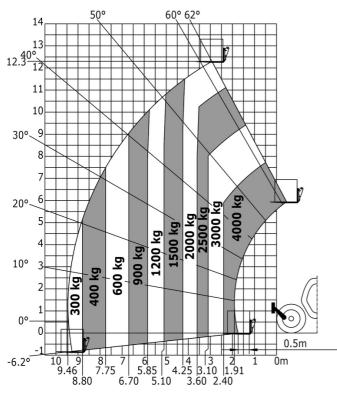
|  | <b>мт-х 1440 д</b> Created on August 12, 2025 at 7:0 | 8 PM U     |
|--|--|------------|
| Capacities   | Metric   |            |
| Max. capacity  | 4000 kg  |            |
| Max. lifting height  | 13.53 m  |            |
| Maximum outreach   | 9.46 m   |            |
| Breakout force with bucket                                       | 8800 daN   |            |
| Weight and dimensions  |  |            |
| Overall length to carriage                                       | l11 6.02 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   | 11755 kg   |            |
| Unladen weight (with man basket)                                 | 11755 kg   |            |
| Tires type   | Pneumatic  |            |
| Standard tires   | Alliance 400/80 - 24 - 162A8                         |            |
| Forks length / width / section                                   | l / e / s 1200 mm x 125 mm x 45 mm                   | 1          |
| Performances   |  |            |
| Lifting  | 15.70 s  |            |
| Lowering   | 13.30 s  |            |
| Extension  | 19.20 s  |            |
| Retraction   | 14.80 s  |            |
| Crowd  | 4 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 cm <sup>3</sup>                             |            |
| I.C. Engine power rating - Power                                 | 101 Hp / 74.50 kW                                    |            |
| Max. torque / Engine rotation                                    | 400 Nm @ 1400 pm                                     |            |
|  | 8250 daN   |            |
| Drawbar pull (Laden)<br>Transmission                             |  |            |
| Transmission type  | Torque converter                                     |            |
|  | 4 / 4  |            |
| Number of gears (forward / reverse)                              | 4 / 4<br>24.90 km/h                                  |            |
| Max. travel speed  |  |            |
| Max. travel speed (may vary according to applicable regulations) | 25 km/h  |            |
| Parking brake  | Automatic Negative Hand-brak                         |            |
| Service brake  | Oil-immersed multi-discs braking on fi<br>axles      | ont & rear |
| Hydraulics   |  |            |
| Hydraulic pump type  | Gear pump  |            |
| Hydraulic flow / Pressure  | 167 l/min-265 bar                                    |            |
| Tank capacities  |  |            |
| Engine oil   | 11.40  |            |
| Hydraulic oil  | 1351   |            |
| Hydraulic tank capacity  | 1751   |            |
| Fuel tank  | 140  |            |
| Noise and vibration  |  |            |
|  | 82 dB  |            |
| Noise at driving position (LpA)                                  |  |            |
| 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)                             | lp / 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 1440 A - Dimensional drawing

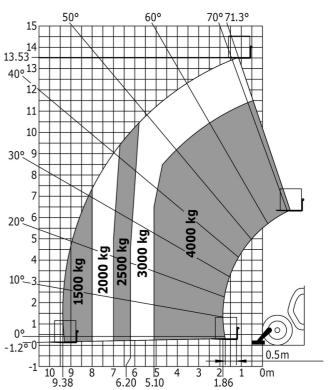


## MT-X 1440 A - Load chart

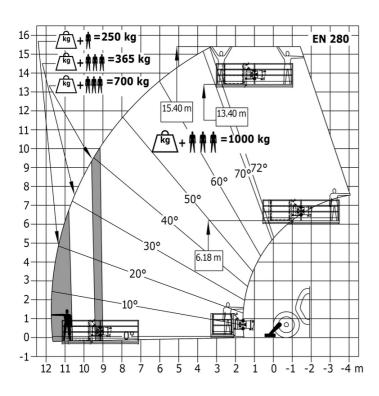
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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