Technical sheet :

## MT-X 1440 A

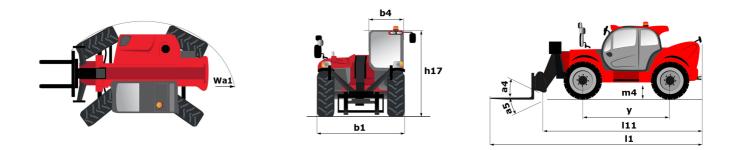




| 1T-X 1440 A | Created | on August | 11 20 | 025 at | 3.13 | AM I | ITC   |
|-------------|---------|-----------|-------|--------|------|------|-------|
| 11-X 144UA  | Greateu |           | 11. 4 | uzu ai | 0.10 |      | J I U |

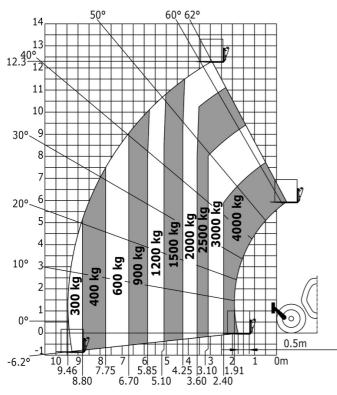
|  | <b>мт-х 1440 A</b> Created on August 11, 2025 at 3:13 Al | M U1   |  |  |
|--|--|--|--|--|
| Capacities   | Metric   |  |  |  |
| Max. capacity  | 4000 kg  |  |  |  |
| Max. lifting height  | 13.53 m  |  |  |  |
| Maximum outreach   | 9.46 m   |  |  |  |
| Breakout force with bucket                                       | 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                       |  |  |  |
| 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 cm³   |  |  |  |
| I.C. Engine power rating - Power                                 | 101 Hp / 74.50 kW  |  |  |  |
| Max. torque / Engine rotation                                    | 400 Nm @ 1400 rpm  |  |  |  |
| Drawbar pull (Laden)   | 8250 daN   |  |  |  |
| Transmission   |  |  |  |  |
| Transmission type  | Torque converter   |  |  |  |
| Number of gears (forward / reverse)                              | 4/4  |  |  |  |
| Max. travel speed  | 24.90 km/h   |  |  |  |
| Max. travel speed (may vary according to applicable regulations) | 25 km/h  |  |  |  |
| Parking brake  | Automatic Negative Hand-brake                            |  |  |  |
|  |  | Oil-immersed multi-discs braking on front & rear |  |  |
| Service brake  | axles  |  |  |  |
| Hydraulics   |  |  |  |  |
| Hydraulic pump type  | Gear pump  |  |  |  |
| Hydraulic flow / Pressure  | 167 l/min-265 bar  |  |  |  |
| Tank capacities  |  |  |  |  |
| Engine oil   | 11.40 I  |  |  |  |
| Hydraulic oil  | 135 I  |  |  |  |
| Hydraulic tank capacity  | 175  |  |  |  |
| Fuel tank  | 140  |  |  |  |
| 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)                             | 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                                |  |  |  |
|  | JSM  |  |  |  |

## MT-X 1440 A - Dimensional drawing

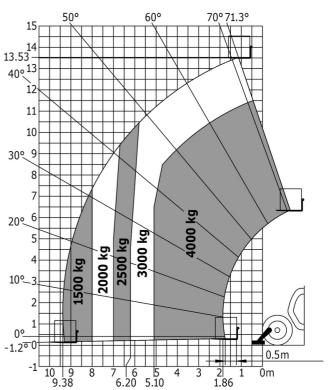


## MT-X 1440 A - Load chart

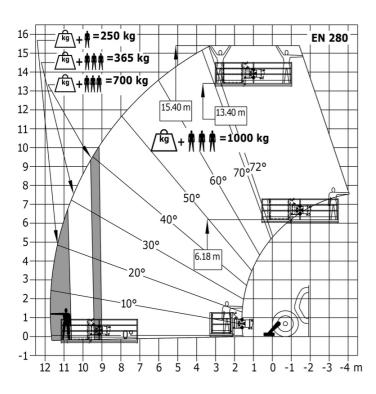
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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