

Technical sheet :

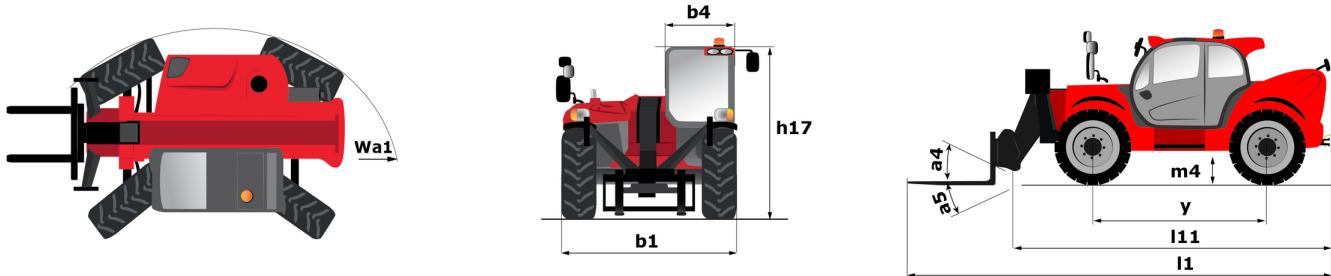
# MT-X 1840 A



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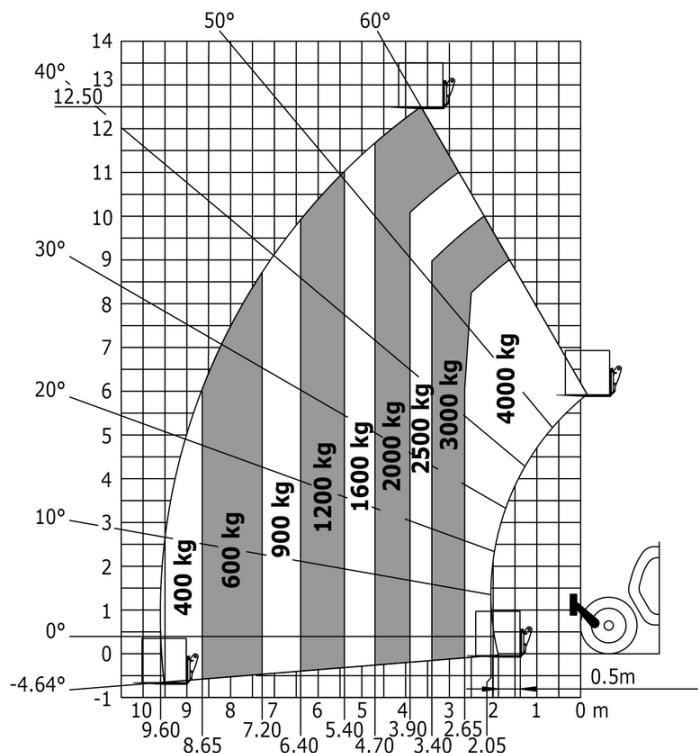
| Capacities                                  |           | Metric   |  |
|---|-----------|--|--|
| Max. capacity                               |           | 4000 kg  |  |
| Max. lifting height                         |           | 17.55 m  |  |
| Maximum outreach                            |           | 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

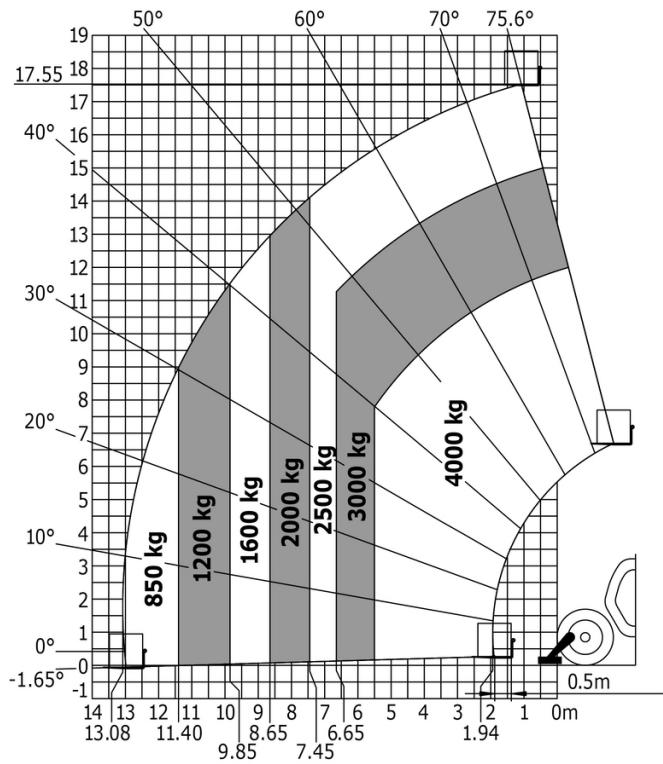


## MT-X 1840 A - Load chart

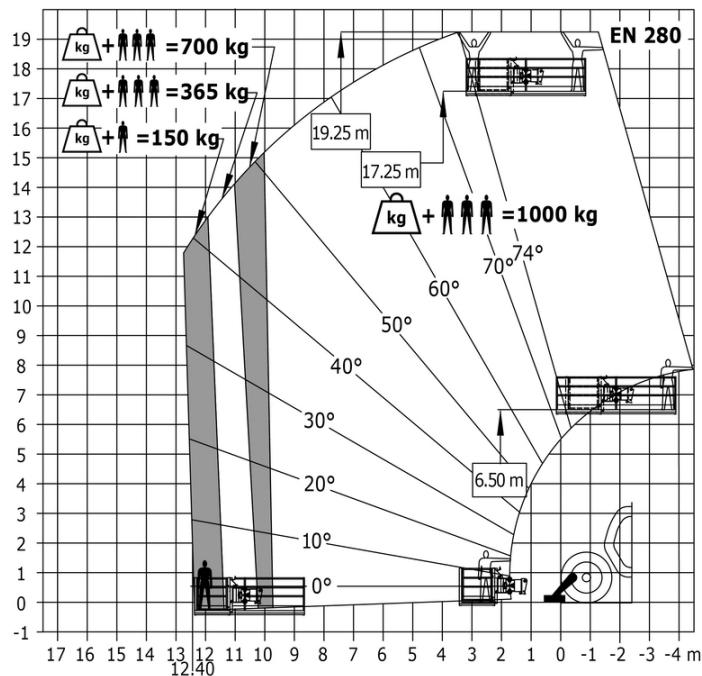
Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



## Machine on stabilisers with Man basket Metric





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