Technical sheet :

# **MRT-X 1645**

VISION





|   | <b>MR1-X 1845</b> Gleated 011 July 20, 2023 at 11.04 |       |
|---|--|-------|
| Capacities                                  | Metric   |       |
| Max. capacity                               | 4500 kg  |       |
| Max. lifting height                         | 15.80 m  |       |
| Aaximum outreach                            | 13.50 m  |       |
| Veight and dimensions                       |  |       |
| )verall length (with forks)                 | l1 7.58 m  |       |
| ength to face of forks                      | l2 6.38 m  |       |
| Overall width                               | b1 2.42 m  |       |
| )verall height                              | h17 3.04 m   |       |
| )verall cab width                           | b4 0.96 m  |       |
| Ground clearance                            | m4 0.37 m  |       |
| Vheelbase                                   | y 2.43 m   |       |
| ïlt-up angle                                | a4 12 °  |       |
| ilt-down angle                              | a5 105 °   |       |
| urret rotation                              | 400 °  |       |
| verall weight                               | 13305 kg   |       |
| orks length / width / section               | l / e / s 1200 mm x 125 mm x 50 mm                   |       |
| Vheels                                      |  |       |
| tandard tires                               | 405/70-20  |       |
| rive wheels (front / rear)                  | 2/2  |       |
| teering mode                                | 2 wheel steer, 4 wheel steer, Crab mo                | ode   |
| tabilisers                                  |  |       |
| tabilizers Type                             | Wing Type  |       |
| Controls with stabs                         | Stabs Commands Individual or Simultan                | neous |
| ingine                                      |  |       |
| ingine brand                                | Deutz  |       |
| ngine norm                                  | Stage IIIA   |       |
| ngine model                                 | TCD 3.6 L4   |       |
| C. Engine power rating / Power              | 116 Hp / 85 kW                                       |       |
| fax. torque / Engine rotation (min)         | 460 Nm @ 1600 rpm                                    |       |
| lumber of cylinders - Capacity of cylinders | 4 - 3620 cm <sup>3</sup>                             |       |
| ingine cooling system                       | Water cooled   |       |
| lectric circuit                             |  |       |
| lumber of batteries / Battery voltage       | 2 x 12 V   |       |
| 2V Battery capacity                         | 120 Ah   |       |
| lattery starting current                    | (EN)850 A  |       |
| ransmission                                 |  |       |
| ransmission type                            | Hydrostatic  |       |
| lumber of gears (forward / reverse)         | 2/2  |       |
| fax. travel speed                           | 40 km/h  |       |
| Irawbar pull                                | 9700 daN   |       |
| arking brake                                | Automatic negative parking brake                     |       |
| Service brake                               | Oil-immersed multi-discs braking on from<br>axles    |       |
| Performances                                | dales  |       |
| Gradeability (laden / unladen)              | 46.60 % / 50.90 %                                    |       |
| lydraulics                                  |  |       |
| Hydraulic pump type                         | Variable displacement pump                           |       |
| lydraulic flow                              | 116 l/min  |       |
| Hydraulic Pressure                          | 275 har  |       |

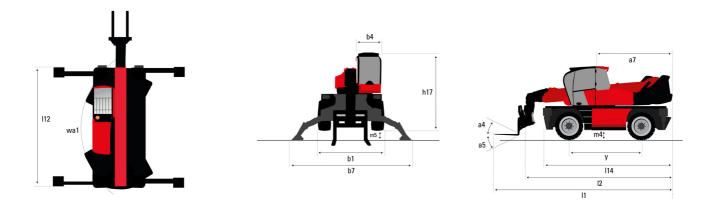
| Hydraulic pump type             | Variable displacement pump |
|---------------------------------|----------------------------|
| Hydraulic flow                  | 116 l/min                  |
| Hydraulic Pressure              | 275 bar                    |
| Tank capacities                 |                            |
| Engine oil                      | 11                         |
| Fuel tank                       | 130                        |
| Noise and vibration             |                            |
| Noise at driving position (LpA) | 68 dB                      |
| Noise to environment (LwA)      | 106 dB                     |
| Vibration on hands/arms         | < 2.50 m/s²                |
| Miscellaneous                   |                            |
| Steering wheels (front / rear)  | 2 / 2                      |
| Controls                        | 2 Joysticks                |
| Cab certification               | Cabin ROPS - FOPS level 2  |
|                                 |                            |

Attachment recognition system (E-Reco)

Standard

MRT-X 1645 Created on July 26, 2025 at 11:04 PM UTC

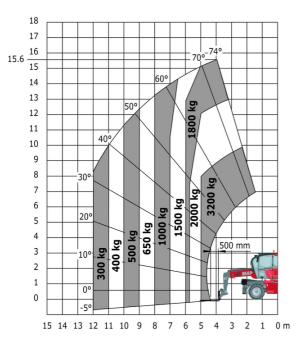
# MRT-X 1645 - Dimensional drawing



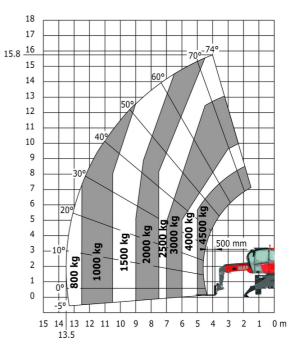
| Other data  |     | Metric |
|---|-----|--------|
| Length of frame                                   | 114 | 4.67 m |
| Wheelbase   | у   | 2.43 m |
| Ground clearance                                  | m4  | 0.37 m |
| Counterweight offset (turret at 90°)              | а7  | 2.50 m |
| Tilt-up angle                                     | a4  | 12 °   |
| Tilt-down angle                                   | a5  | 105 °  |
| Overall length at stabilisers                     | 112 | 4.41 m |
| External turning radius (over tyres)              | Wa1 | 3.92 m |
| Overall width with stabilisers extended           | b7  | 4.01 m |
| Overall height                                    | h17 | 3.04 m |
| Ground clearance under front tires on stabilizers | m5  | 0.18 m |

## MRT-X 1645 - Load chart

#### Machine on tires with forks Metric

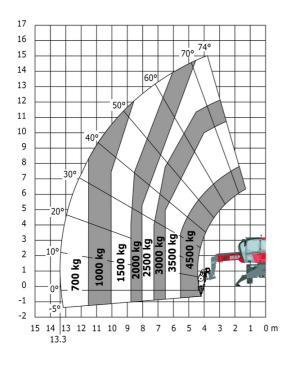


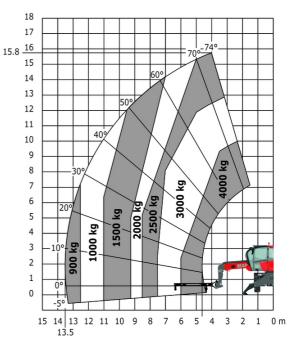
# Machine on lowered stabilisers with forks Metric



## Machine on lowered stabilisers with winch 5000 kg Metric

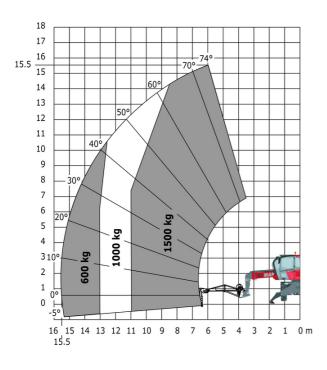
Machine on lowered stabilisers with 4000 kg jib (Metric)

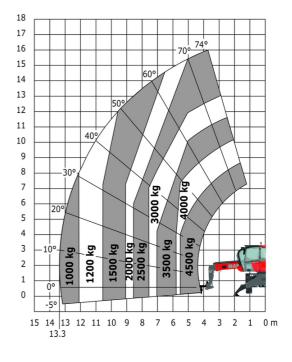




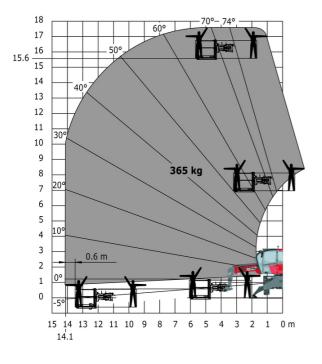
Machine on lowered stabilisers with 1500 kg jib with wincl (Metric)

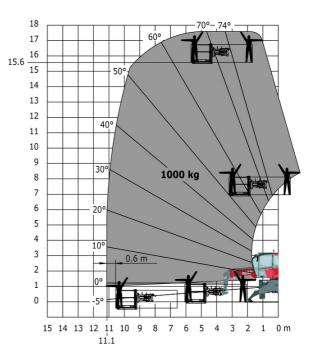
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric)





Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric







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