Technical sheet:

MRT-X 1645

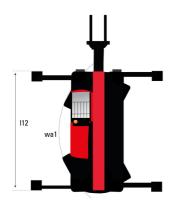
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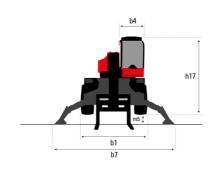


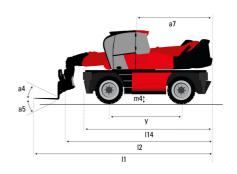


| mrt-x 1645 Created on Au | |
|---|---|
| Capacities | Metric |
| Max. capacity | 4500 kg |
| Aax. lifting height | 15.80 m |
| Maximum outreach | 13.50 m |
| Veight and dimensions | 10.00 III |
| verall length (with forks) | I1 7.58 m |
| | 12 6.38 m |
| ength to face of forks | |
| verall width | b1 2.42 m |
| verall height | h17 3.04 m |
| verall cab width | b4 0.96 m |
| round clearance | m4 0.37 m |
| /heelbase | y 2.43 m |
| ilt-up angle | a4 12 ° |
| ilt-down angle | a5 105° |
| urret rotation | 400 ° |
| verall weight | 13305 kg |
| orks length / width / section | I / e / s 1200 mm x 125 mm x 50 mm |
| /heels | |
| tandard tires | 405/70-20 |
| rive wheels (front / rear) | 2/2 |
| teering mode | 2 wheel steer, 4 wheel steer, Crab mode |
| tabilisers | 2 mice etect, 1 mice etect, order mode |
| tabilizers Type | Wing Type |
| Controls with stabs | Stabs Commands Individual or Simultaneous |
| | Stabs Commands Individual of Simultaneous |
| ngine | Doub |
| ngine brand | Deutz |
| ngine norm | Stage IIIA |
| ngine model | TCD 3.6 L4 |
| C. Engine power rating / Power | 116 Hp / 85 kW |
| Max. torque / Engine rotation (min) | 460 Nm @ 1600 rpm |
| lumber of cylinders - Capacity of cylinders | 4 - 3620 cm ³ |
| ngine 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 |
| umber of gears (forward / reverse) | 2/2 |
| lax. travel speed | 40 km/h |
| rawbar pull | 9700 daN |
| | |
| arking brake | Automatic negative parking brake |
| ervice brake | Oil-immersed multi-discs braking on front & re axles |
| Performances | |
| radeability (laden / unladen) | 46.60 % / 50.90 % |
| ydraulics | 40.00 % / 30.90 % |
| • | Veriable disclosures and assessment |
| ydraulic pump type | Variable displacement pump |
| ydraulic flow | 116 l/min |
| ydraulic Pressure | 275 bar |
| ank capacities | |
| ngine oil | 11 |
| uel tank | 130 l |
| oise and vibration | |
| oise at driving position (LpA) | 68 dB |
| oise to environment (LwA) | 106 dB |
| libration on hands/arms | < 2.50 m/s² |
| fiscellaneous | |
| teering wheels (front / rear) | 2/2 |
| Controls | 2 Joysticks |
| cab certification | Cabin ROPS - FOPS level 2 |
| ab octaniouson | Gabili NOF3 - 1 OF3 level 2 |

MRT-X 1645 - Dimensional drawing







| Other data |
|---|
| ength of frame |
| Vheelbase |
| Ground clearance |
| Counterweight offset (turret at 90Ű) |
| Tilt-up angle |
| ïlt-down angle |
| Overall length at stabilisers |
| ixternal turning radius (over tyres) |
| Overall width with stabilisers extended |
| Overall height |
| Ground clearance under front tires on stabilizers |

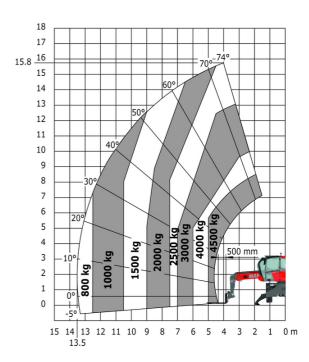
| | Metric |
|-----|--------|
| l14 | 4.67 m |
| у | 2.43 m |
| m4 | 0.37 m |
| a7 | 2.50 m |
| a4 | 12 ° |
| a5 | 105 ° |
| l12 | 4.41 m |
| Wa1 | 3.92 m |
| b7 | 4.01 m |
| h17 | 3.04 m |
| m5 | 0.18 m |

MRT-X 1645 - Load chart

Machine on tires with forks Metric

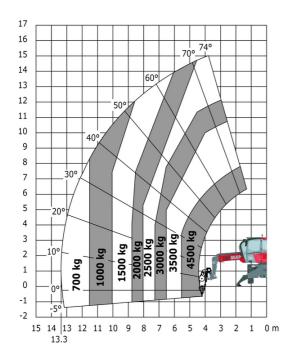
18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

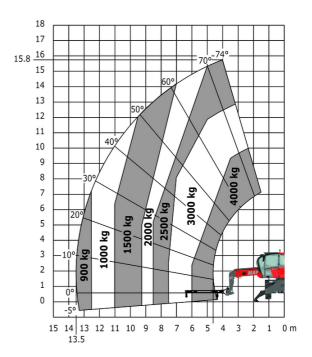
Machine on lowered stabilisers with forks Metric



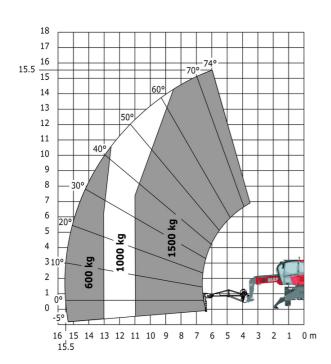
Machine on lowered stabilisers with winch 5000 kg Metric

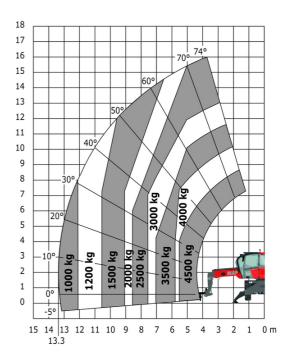
Machine on lowered stabilisers with 4000 kg jib (Metric)



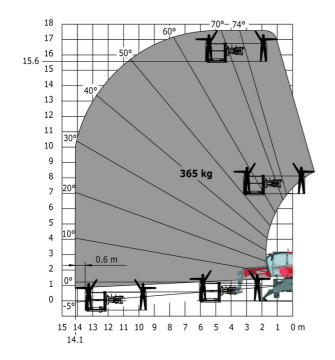


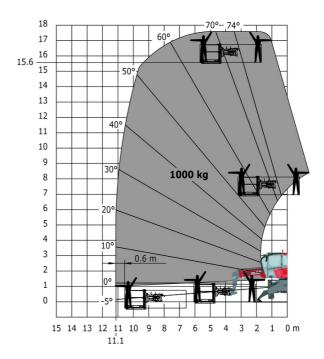
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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