Ficha técnica :

# MRT-X 1845

VISION

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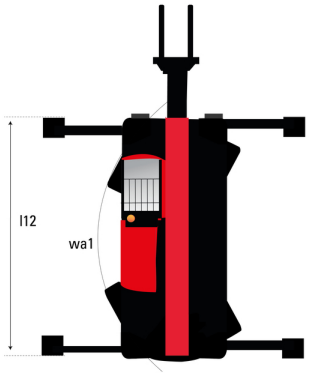
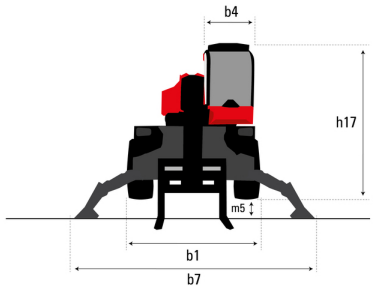
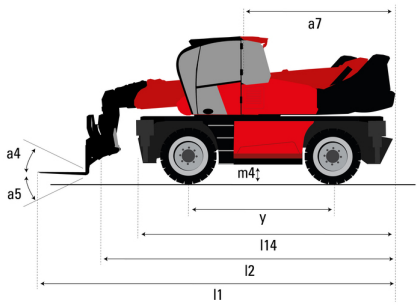
HANDLING YOUR WORLD

| Capacities | | Métrico |
|---|---|---|
| Max. capacity | | 4500 kg |
| Max. lifting height | | 18 m |
| Max. outreach | | 15.20 m |
| **Weight and dimensions** | | |
| Overall length (with forks) | l1 | 7.26 m |
| Length to face of forks | l2 | 6.06 m |
| Overall width | b1 | 2.42 m |
| Overall height | h17 | 3.04 m |
| Overall cab width | b4 | 0.96 m |
| Ground clearance | m4 | 0.37 m |
| Wheelbase | y | 2.43 m |
| Tilt-up angle | a4 | 10 ° |
| Tilt-down angle | a5 | 107 ° |
| Turret rotation | | 400 ° |
| Overall weight | | 14100 kg |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 50 mm |
| **Wheels** | | |
| Standard tires | | 405/70-20 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode |
| **Stabilisers** | | |
| Stabs Type | | Wing Type |
| Controls with stabs | | Stabs Commands Individual or Simultaneous |
| **Engine** | | |
| Engine brand | | Deutz |
| Engine norm | | Stage IIIA |
| Engine model | | TCD 3.6 L4 |
| I.C. Engine power rating / Power | | 116 Hp / 85 kW |
| Max. torque / Engine rotation (min) | | 460 Nm @ 1600 rpm |
| Number of cylinders - Capacity of cylinders | | 4 - 3620 cm³ |
| Engine cooling system | | Water cooled |
| **Electric circuit** | | |
| Number of batteries / Battery voltage | | 2 x 12 V |
| 12V Battery capacity | | 120 Ah |
| Battery starting current | | (EN)850 A |
| **Transmission** | | |
| Transmission type | | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 |
| Drawbar pull | | 9700 daN |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| **Performances** | | |
| Gradeability (laden / unladen) | | 46.60 % / 50.90 % |
| **Hydraulics** | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow | | 116 l/min |
| Hydraulic Pressure | | 275 bar |
| **Tank capacities** | | |
| Engine oil | | 11 l |
| Hydraulic oil | | 144 l |
| Fuel tank | | 130 l |
| **Noise and vibration** | | |
| Noise at driving position (LpA) | | 68 dB |
| Noise to environment (LwA) | | 106 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² |
| **Miscellaneous** | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Controls | | 2 Joysticks |
| Safety cab homologation | | ROPS - FOPS level 2 cab |
| Attachment recognition system (E-Reco) | | Standard |

# MRT-X 1845 - Diagrama dimensional



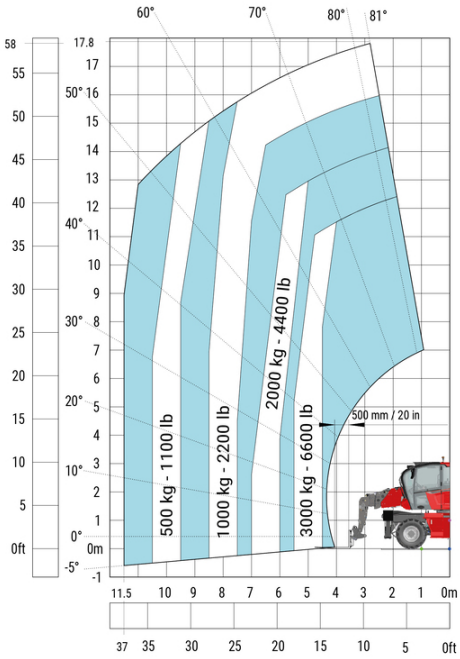



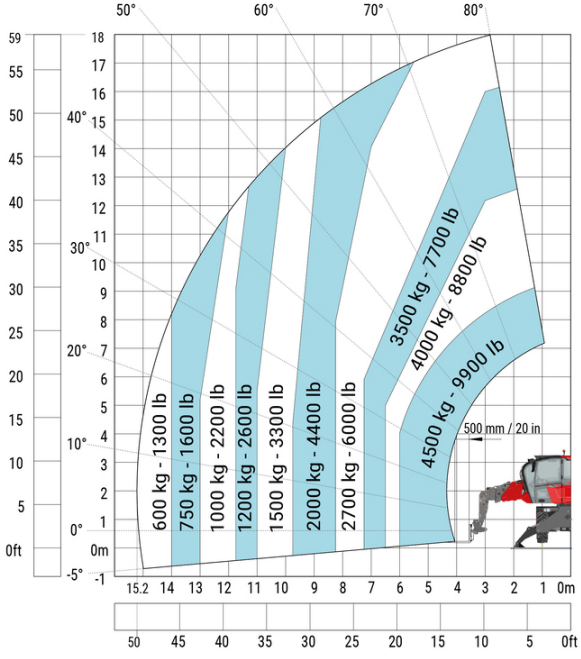

| Otros datos | | Métrico |
|---|---|---|
| Length of frame | l14 | 4.67 m |
| Wheelbase | y | 2.43 m |
| Ground clearance | m4 | 0.37 m |
| Counterweight offset (turret at 90°) | a7 | 2.50 m |
| Tilt-up angle | a4 | 10 ° |
| Tilt-down angle | a5 | 107 ° |
| Overall length at stabilisers | l12 | 4.41 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 1845 - Diagramas de carga

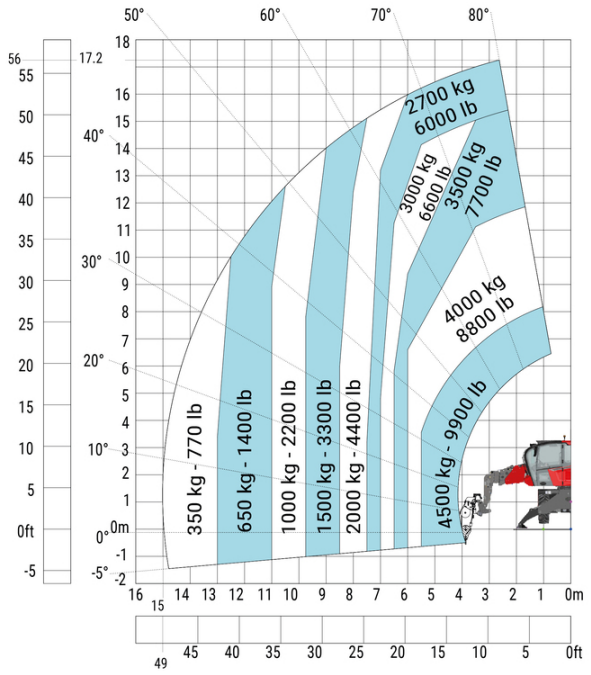
## Machine on tyres with forks Metric



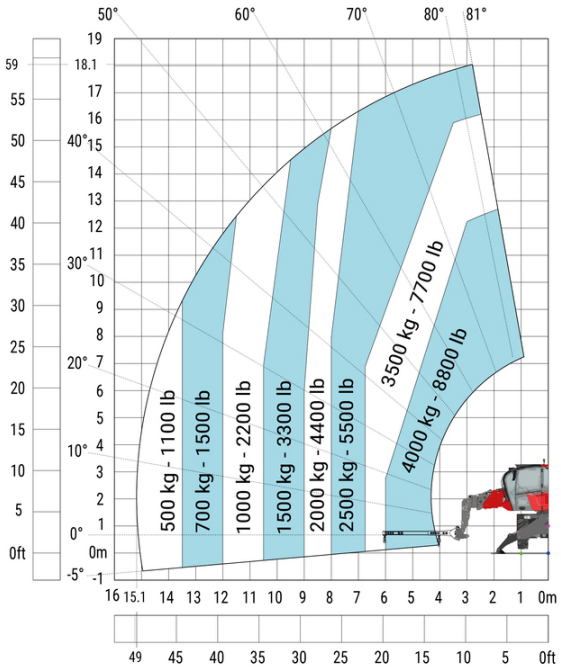

## Machine on lowered stabilisers with forks Metric



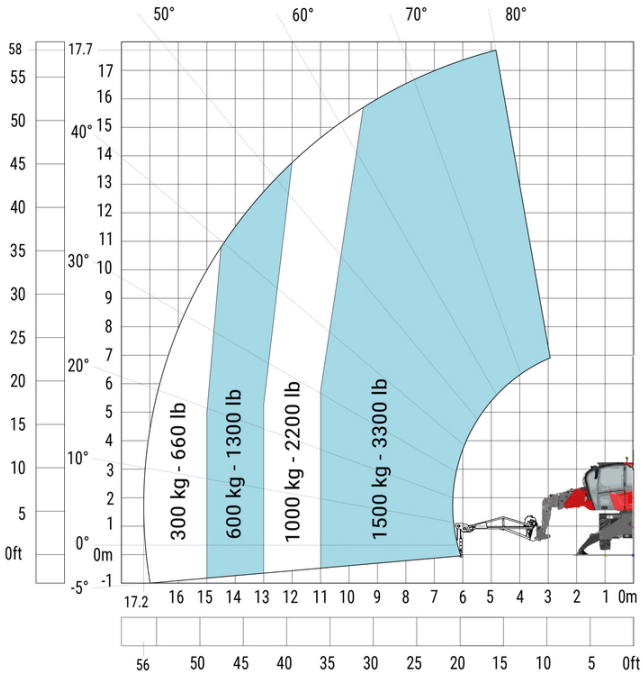
## Machine on lowered stabilisers with winch 5000 kg Metric



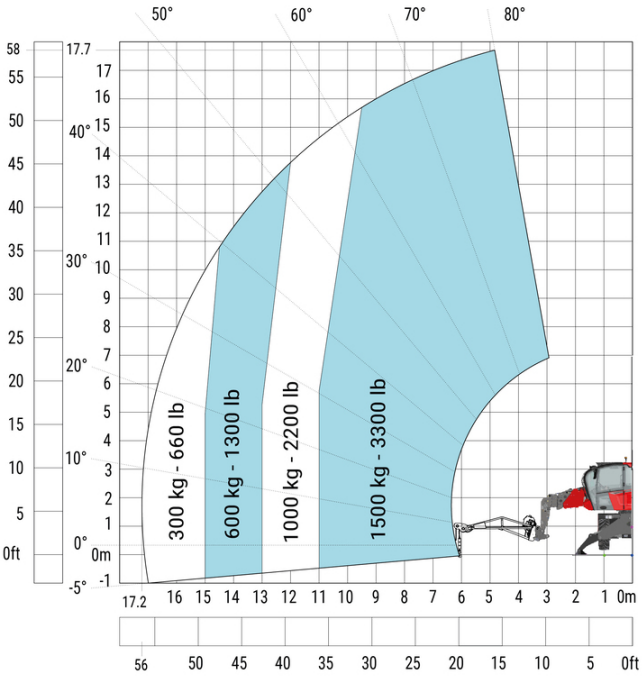

## Machine on lowered stabilisers with 4000 kg jib (Metric)



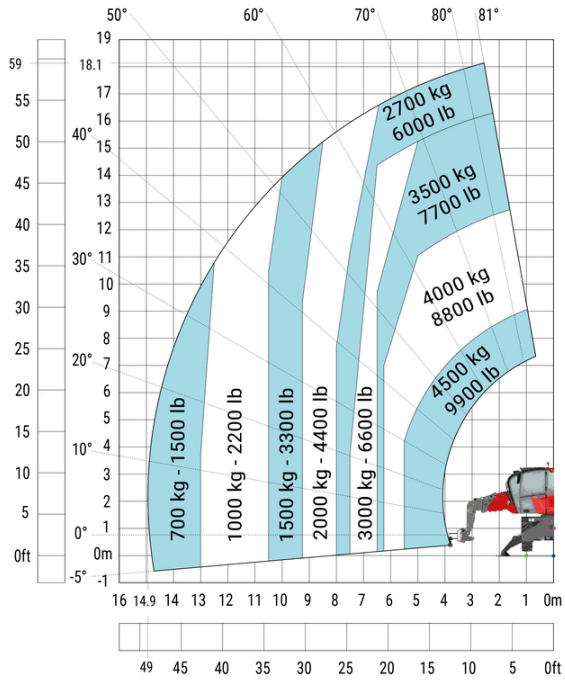

## Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



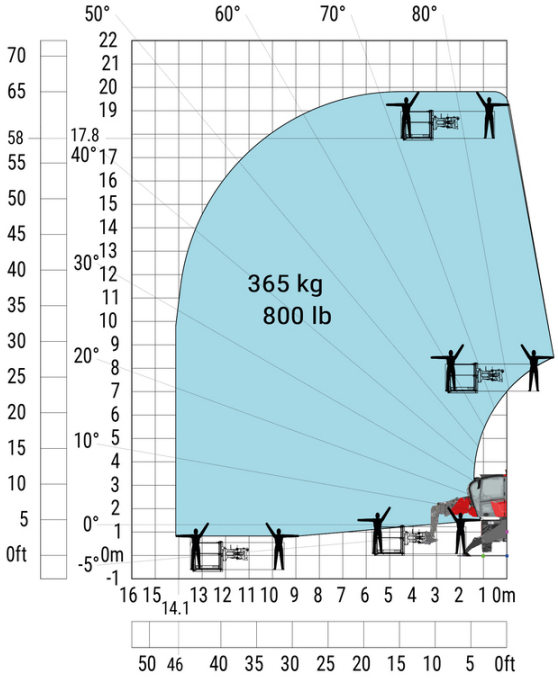

## Machine on lowered stabilisers with extensible jib with winch (Metric)



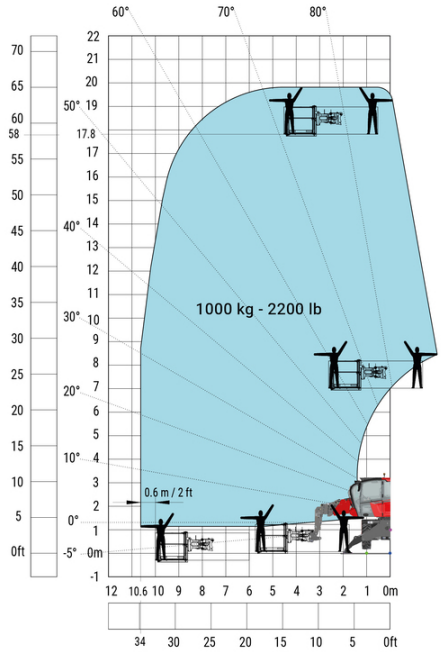
Machine on lowered stabilisers with hook 5000 kg (Metric)




Machine on lowered stabilisers with 365 kg platform Metric




Machine on lowered stabilisers with 1000 kg platform Metric



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