Technical sheet :

# MRT 2145 EASY T4 S2 360°

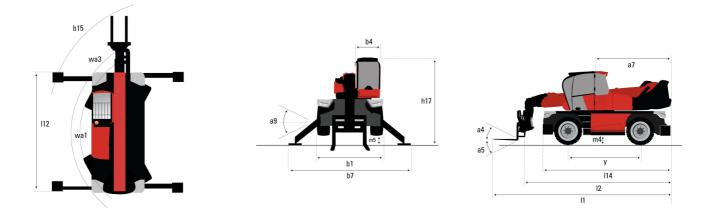




# MRT 2145 EASY T4 S2 360° Created on July 4, 2025 at 9:17 PM UTC

| Capacities  |       | Metric                                    | Imperial                                  |
|---|-------|---|---|
| Max. capacity   |       | 4500 kg                                   | 9921 lb                                   |
| Max. lifting height                                     |       | 20.60 m                                   | 67 ft 7 in                                |
| Maximum outreach  |       | 17.90 m                                   | 58 ft 9 in                                |
| Neight and dimensions                                   |       |   |   |
| Verall length (with forks)                              | l1    | 7.79 m                                    | 25 ft 7 in                                |
| ength to face of forks                                  | 12    | 6.59 m                                    | 21 ft 7 in                                |
| verall width  | b1    | 2.50 m                                    | 8 ft 2 in                                 |
| Overall height  | h17   | 3.02 m                                    | 9 ft 11 in                                |
| Overall cab width                                       | b4    | 0.95 m                                    | 3 ft 1 in                                 |
| Duter frame turning radius                              | Wa3   | 4.62 m                                    | 15 ft 2 in                                |
| round clearance   | m4    | 0.32 m                                    | 1 ft 1 in                                 |
| /heelbase   | у     | 2.73 m                                    | 8 ft 11 in                                |
| ïlt-up angle  | a4    | 10 °                                      | 10 °                                      |
| ïlt-down angle  | a5    | 107 °                                     | 107 °                                     |
| urret rotation  |       | 400 °                                     | 400 °                                     |
| verall weight   |       | 14530 kg                                  | 32033 lb                                  |
| orks length / width / section                           | l/e/s | 1200 mm x 125 mm x 50 mm                  | 47 in x 5 in x 2 in                       |
| /heels  |       |   |   |
| tandard tires   |       | 18-19,5                                   | 18-19,5                                   |
| rive wheels (front / rear)                              |       | 2 / 2                                     | 2/2                                       |
| iteering mode   |       | 2 wheel steer, 4 wheel steer, Crab mode   | 2 wheel steer, 4 wheel steer, Crab mode   |
| tabilisers  |       |   |   |
| Stabilizers Type  |       | Wing Type                                 | Wing Type                                 |
| controls with stabs                                     |       | Stabs Commands Individual or Simultaneous | Stabs Commands Individual or Simultaneous |
| ngine   |       | otabo ooninanas mariadal oi omananeous    |   |
| ngine brand   |       | Perkins                                   | Perkins                                   |
| ngine norm  |       | Stage IIIB, Tier 4 final                  | Stage IIIB, Tier 4 final                  |
| ngine model   |       | 854F-E34TA                                | 854F-E34TA                                |
| C. Engine power rating / Power / Engine rotation        |       | 74 Hp / 55 kW @ 1200 rpm                  | 74 Hp / 55 kW @ 1200 rpm                  |
| Max. torque   |       | 424 Nm                                    | 313 ft/lbs                                |
| •   |       | 4 - 3400 cm <sup>3</sup>                  | 4 - 207 in <sup>3</sup>                   |
| lumber of cylinders - Capacity of cylinders<br>njection |       |   |   |
|   |       | engine Injection direct<br>Water          | engine Injection direct<br>Water          |
| ingine cooling system<br>Ilectric circuit               |       | Water                                     | Water                                     |
| lattery voltage   |       | 12 V                                      | 12 V                                      |
|   |       | 12 V<br>180 Ah                            | 12 V<br>180 Ah                            |
| 2V Battery capacity<br>ransmission                      |       | 180 All                                   | 180 All                                   |
|   |       | Undepatetie                               | Undreastatia                              |
| ransmission type  |       | Hydrostatic                               | Hydrostatic                               |
| lumber of gears (forward / reverse)                     |       | 2 / 2<br>27 lm /h                         | 2/2                                       |
| lax. travel speed                                       |       | 37 km/h                                   | 23 mph                                    |
| rawbar pull   |       | 7900 daN                                  | 7900 daN                                  |
| Parking brake   |       | Automatic Negative Hand-brake             | Automatic Negative Hand-brake             |
| ervice brake  |       | Hydraulic                                 | Hydraulic                                 |
| ydraulics   |       |   |   |
| ydraulic pump type                                      |       | Gear pump                                 | Gear pump                                 |
| lydraulic flow  |       | 115 l/min                                 | 30 US gpm                                 |
| Iydraulic Pressure                                      |       | 270 bar                                   | 3916 PSI                                  |
| lydraulic tank capacity                                 |       | 150 l                                     | 40 US gal                                 |
| ank capacities  |       |   |   |
| ngine oil   |       | 8.50 I                                    | 2 US gal                                  |
| uel tank  |       | 130 l                                     | 34 US gal                                 |
| loise and vibration                                     |       |   |   |
| oise at driving position (LpA)                          |       | 79.70 dB                                  | 79.70 dB                                  |
| oise to environment (LwA)                               |       | 105 dB                                    | 105 dB                                    |
| ibration on hands/arms                                  |       | < 2.50 m/s²                               | < 2.50 m/s²                               |
| liscellaneous   |       |   |   |
| teering wheels (front / rear)                           |       | 2 / 2                                     | 2 / 2                                     |
| ontrols   |       | 2 Joysticks                               | 2 Joysticks                               |
| Cab certification                                       |       | Cabin ROPS - FOPS level 2                 | Cabin ROPS - FOPS level 2                 |
| Attachment recognition system (E-Reco)                  |       | Standard                                  | Standard                                  |

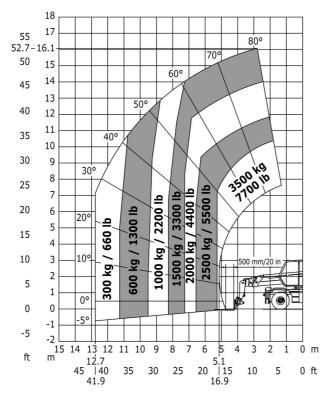
# MRT 2145 Easy T4 S2 360° - Dimensional drawing



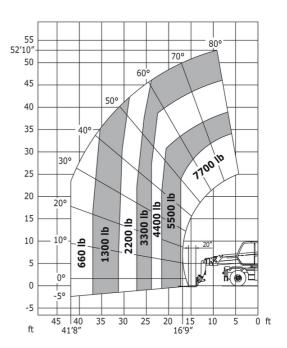
| Other data  |     | Metric | Imperial   |
|---|-----|--------|------------|
| Length of frame                                   | 114 | 4.71 m | 15 ft 5 in |
| Wheelbase   | у   | 2.73 m | 8 ft 11 in |
| Ground clearance                                  | m4  | 0.32 m | 1 ft 1 in  |
| Counterweight offset (turret at 90°)              | a7  | 2.70 m | 8 ft 10 in |
| Tilt-up angle                                     | a4  | 10 °   | 10 °       |
| Tilt-down angle                                   | a5  | 107 °  | 107 °      |
| Overall length at stabilisers                     | 112 | 4.71 m | 15 ft 5 in |
| Outer frame turning radius                        | Wa3 | 4.62 m | 15 ft 2 in |
| Outer turning radius (with forks)                 | b15 | 6.10 m | 20 ft      |
| Overall width with stabilisers extended           | b7  | 4.98 m | 16 ft 4 in |
| Overall height                                    | h17 | 3.02 m | 9 ft 11 in |
| Ground clearance under front tires on stabilizers | m5  | 0.22 m | 9 in       |

## MRT 2145 Easy T4 S2 360° - Load chart

Machine on tires with forks Metric

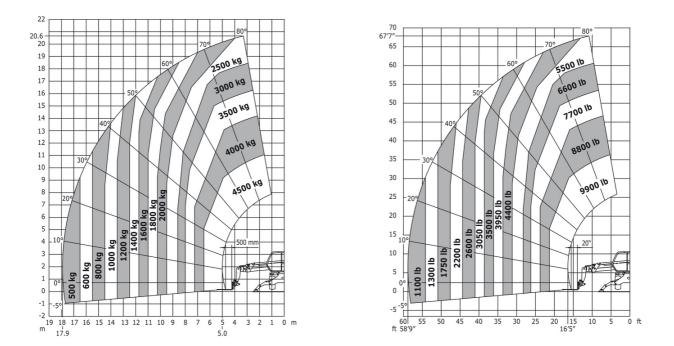


#### Machine on tires with forks Imperial

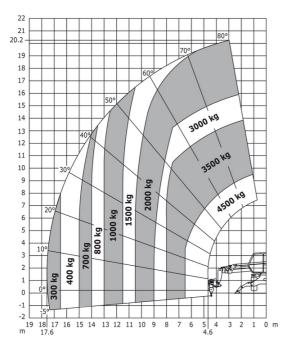


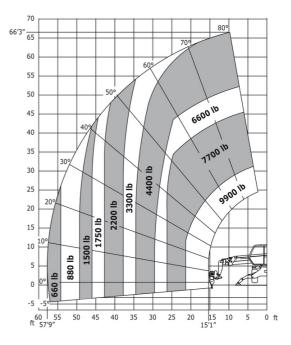
### Machine on lowered stabilisers with forks Metric

#### Machine on lowered stabilisers with forks Imperial



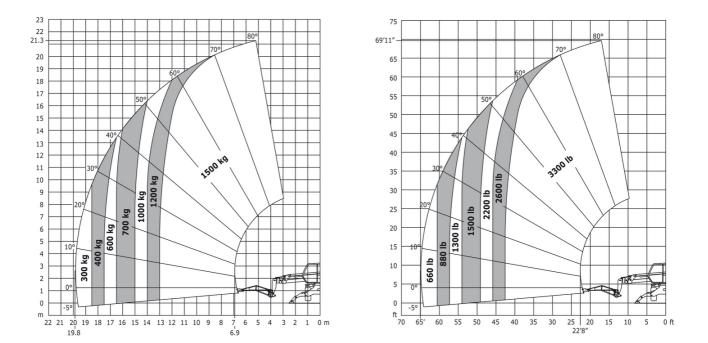
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial



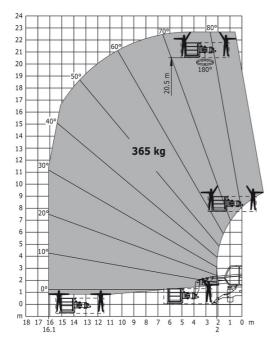


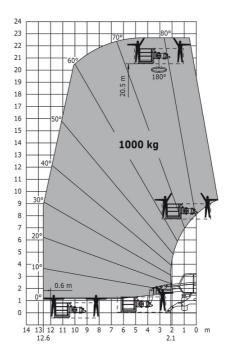
# Machine on lowered stabilisers with 1500 kg jib Metric

#### Machine on lowered stabilisers with 1500 kg jib Imperial



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







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