

Technical sheet :

# **MRT 2545 115**

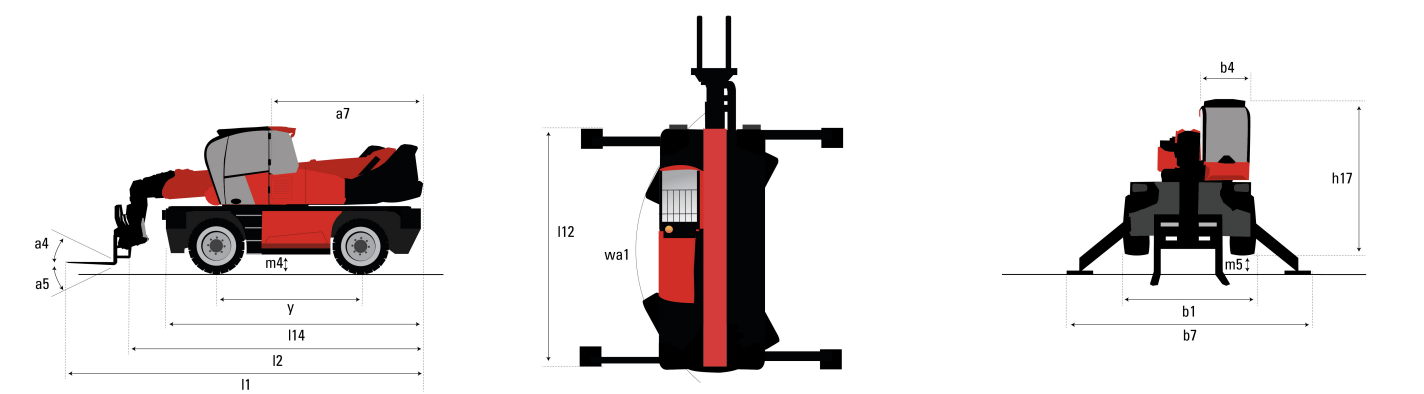
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**VISION**



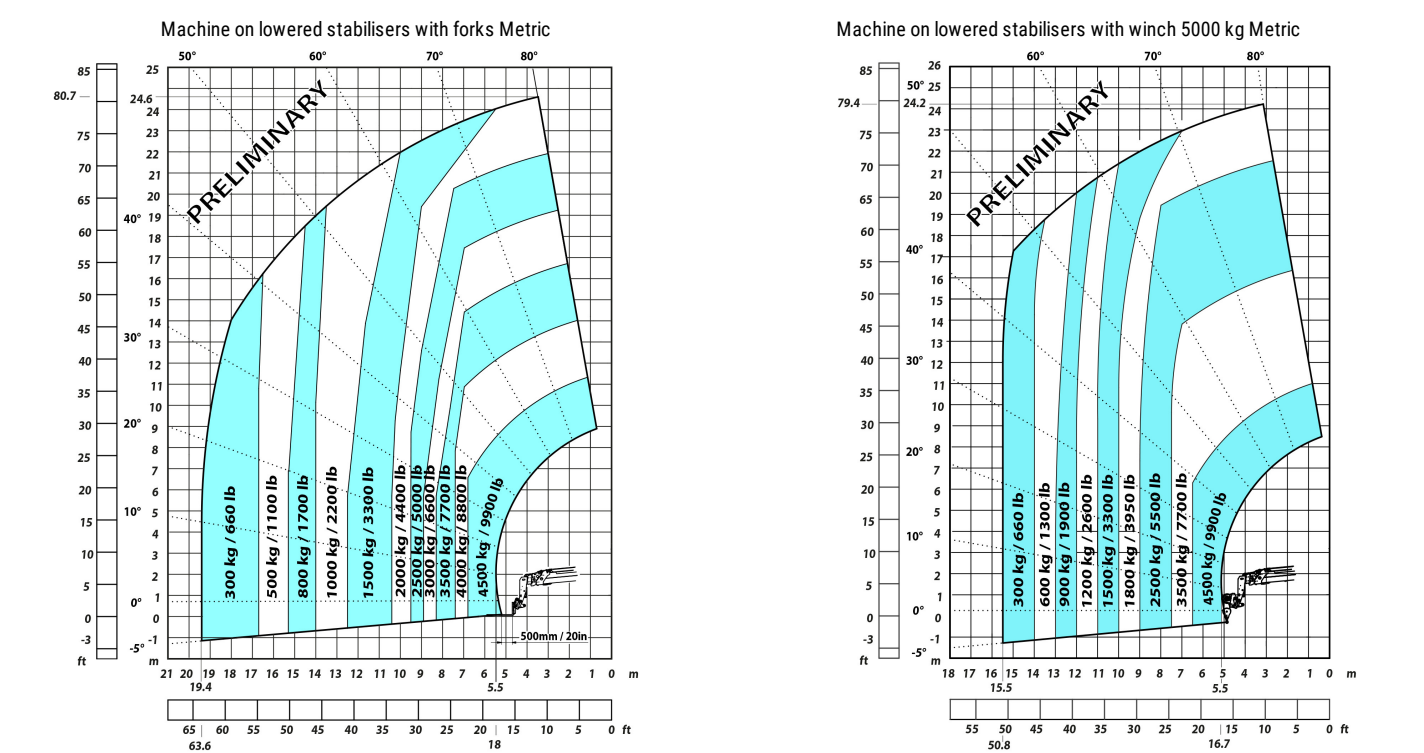
| Capacities                                         |           | Metric                                                 |
|----------------------------------------------------|-----------|--------------------------------------------------------|
| Max. capacity                                      | Q         | 4500 kg                                                |
| Max. lifting height                                | h3        | 24.6 m                                                 |
| Max. Reach                                         | l4        | 19.4 m                                                 |
| Weight and dimensions                              |           |                                                        |
| Overall width                                      | b1        | 2.5 m                                                  |
| Overall height                                     | h17       | 3.04 m                                                 |
| Overall cab width                                  | b4        | 0.96 m                                                 |
| Ground clearance                                   | m4        | 0.37 m                                                 |
| Wheelbase                                          | y         | 2.73 mm                                                |
| Tilt-up angle                                      | a4        | 10 °                                                   |
| Tilt-down angle                                    | a5        | 107 °                                                  |
| Turret rotation / rotation (Max.)                  |           | 400 ° or 360 °                                         |
| Overall weight                                     |           | 15910 kg                                               |
| Forks length / width / section                     | l / e / s | 1200 mm x 125 mm x 50 mm                               |
| Wheels                                             |           |                                                        |
| Standard tyres                                     |           | 18-19,5                                                |
| Drive wheels (front / rear)                        |           | 2 / 2                                                  |
| Steering mode                                      |           | 2 wheel steer, 4 wheel steer, Crab mode                |
| Stabilisers                                        |           |                                                        |
| Stabs Type                                         |           | Spider Type                                            |
| Controls with stabs                                |           | Stabs Commands Individual or Simultaneous              |
| Engine                                             |           |                                                        |
| Engine brand                                       |           | Deutz                                                  |
| Engine norm                                        |           | EU Stage V / US EPA Tier 4                             |
| Engine model                                       |           | TCD 3.6 L4                                             |
| I.C. Engine power rating / Power (kW)              |           | 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                                           |
| Number of batteries / Battery / Batteries capacity |           | 2 x 12 V / 120 Ah                                      |
| Battery starting current                           |           | (EN)850 A                                              |
| Transmission                                       |           |                                                        |
| Transmission type                                  |           | Hydrostatic                                            |
| Number of gears (forward / reverse)                |           | 2 2                                                    |
| Max. travel speed                                  |           | 40 km/h                                                |
| Parking brake                                      |           | Automatic negative parking brake                       |
| Service brake                                      |           | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics                                         |           |                                                        |
| Hydraulic pump type                                |           | Load sensing pump                                      |
| Hydraulic flow                                     |           | 116 l/min                                              |
| Hydraulic Pressure                                 |           | 275 Bar                                                |
| Tank capacities                                    |           |                                                        |
| Engine oil                                         |           | 11 l                                                   |
| Hydraulic oil                                      |           | 144 l                                                  |
| Fuel tank                                          |           | 130 l                                                  |
| Diesel Exhaust fluid (AdBlue® type)                |           | 11 l                                                   |
| Miscellaneous                                      |           |                                                        |
| Steering wheels (front / rear)                     |           | 2 / 2                                                  |
| Controls                                           |           | 2 Joysticks                                            |
| Safety cab homologation                            |           | ROPS - FOPS cab (level 2)                              |
| Attachment recognition system (E-Reco)             |           | Standard                                               |

Dimensional drawing

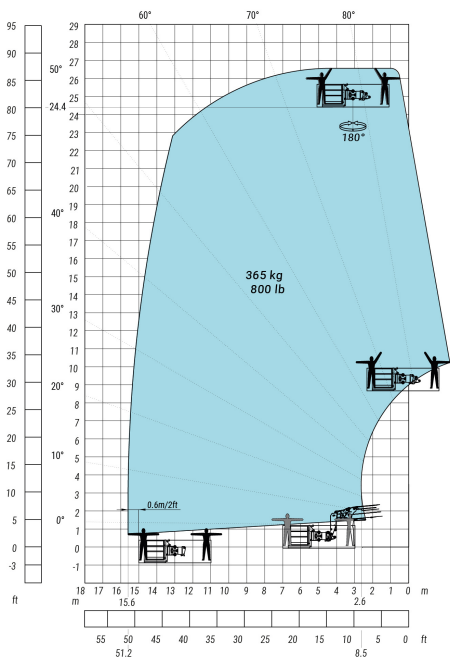


| Other data                                        |  | Metric |         |
|---------------------------------------------------|--|--------|---------|
| Overall length (with forks)                       |  | l1     | 8.92 m  |
| Length to face of forks                           |  | l2     | 7.72 m  |
| Length of frame                                   |  | l14    | 4.83 m  |
| Wheelbase                                         |  | y      | 2.73 mm |
| Ground clearance                                  |  | m4     | 0.37 m  |
| Counterweight offset (turret at 90°)              |  | a7     | 3.05 m  |
| Tilt-up angle                                     |  | a4     | 10 °    |
| Tilt-down angle                                   |  | a5     | 107 °   |
| Overall length at stabilisers                     |  | l12    | 4.71 m  |
| External turning radius (over tyres)              |  | Wa1    | 4.13 m  |
| Overall width                                     |  | b1     | 2.5 m   |
| Overall width with stabilisers extended           |  | b7     | 4.92 m  |
| Overall cab width                                 |  | b4     | 0.96 m  |
| Overall height                                    |  | h17    | 3.04 m  |
| Ground clearance under front tires on stabilizers |  | m5     | 0.18 m  |

Load chart



Machine on lowered stabilisers with 365 kg platform Metric





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