

Fiche technique :

# MRT-X 2545

**VISION**



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Métrique                                               |
|---------------------------------------------|-----------|--------------------------------------------------------|
| Max. capacity                               |           | 4500 kg                                                |
| Max. lifting height                         |           | 24.60 m                                                |
| Max. outreach                               |           | 19.50 m                                                |
| Weight and dimensions                       |           |                                                        |
| Overall length (with forks)                 | l1        | 8.92 m                                                 |
| Length to face of forks                     | l2        | 7.72 m                                                 |
| Overall width                               | b1        | 2.48 m                                                 |
| Overall height                              | h17       | 3.04 m                                                 |
| Overall cab width                           | b4        | 0.96 m                                                 |
| Ground clearance                            | m4        | 0.37 m                                                 |
| Wheelbase                                   | y         | 2.73 m                                                 |
| Tilt-up angle                               | a4        | 10 °                                                   |
| Tilt-down angle                             | a5        | 107 °                                                  |
| Turret rotation                             |           | 400 °                                                  |
| Overall weight                              |           | 15910 kg                                               |
| Forks length / width / section              | l / e / s | 1200 mm x 125 mm x 50 mm                               |
| Wheels                                      |           |                                                        |
| Standard tires                              |           | 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                                 |           | 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                                                  |
| Max. travel speed                           |           | 40 km/h                                                |
| 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)              |           | 48.70 % / 49.80 %                                      |
| 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                                               |

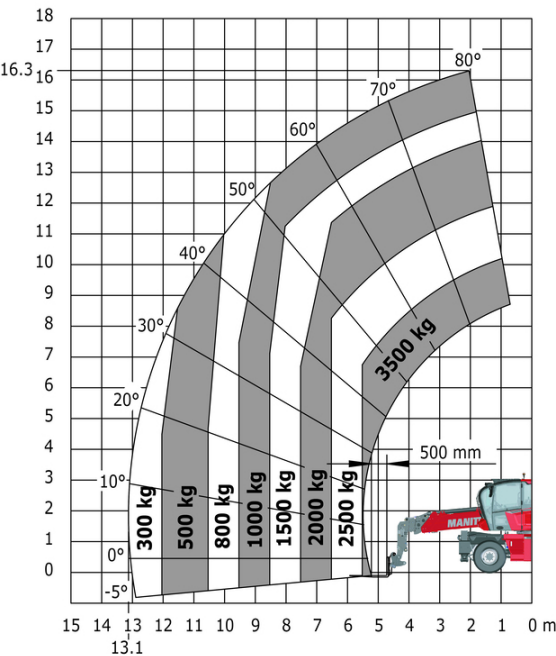
MRT-X 2545 - Schémas d'encombrement



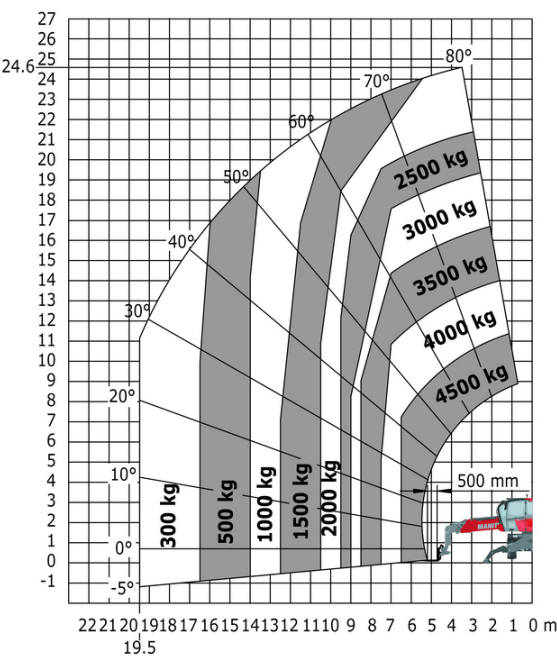
| Autres données                                    |  |     | Métrique |
|---------------------------------------------------|--|-----|----------|
| Length of frame                                   |  | l14 | 4.97 m   |
| Wheelbase                                         |  | y   | 2.73 m   |
| Ground clearance                                  |  | m4  | 0.37 m   |
| Counterweight offset (turret at 90°)              |  | a7  | 3.02 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 | 4.16 m   |
| Overall width with stabilisers extended           |  | b7  | 4.98 m   |
| Overall height                                    |  | h17 | 3.04 m   |
| Ground clearance under front tires on stabilizers |  | m5  | 0.18 m   |

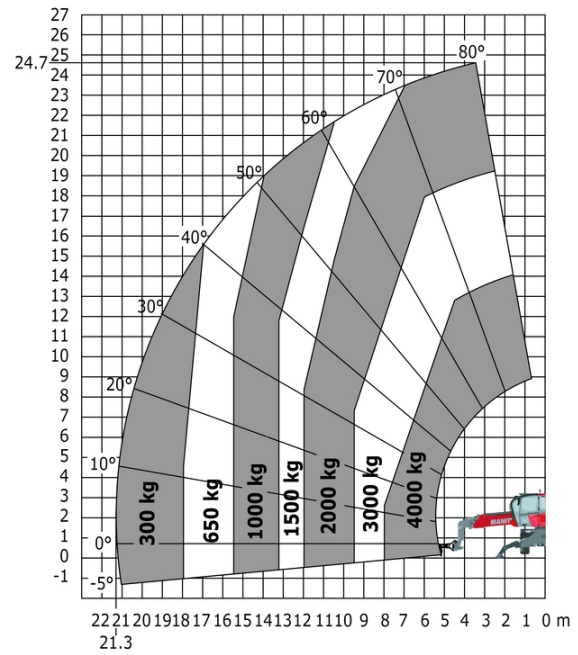
MRT-X 2545 - Abaques

Machine on tyres with forks Metric

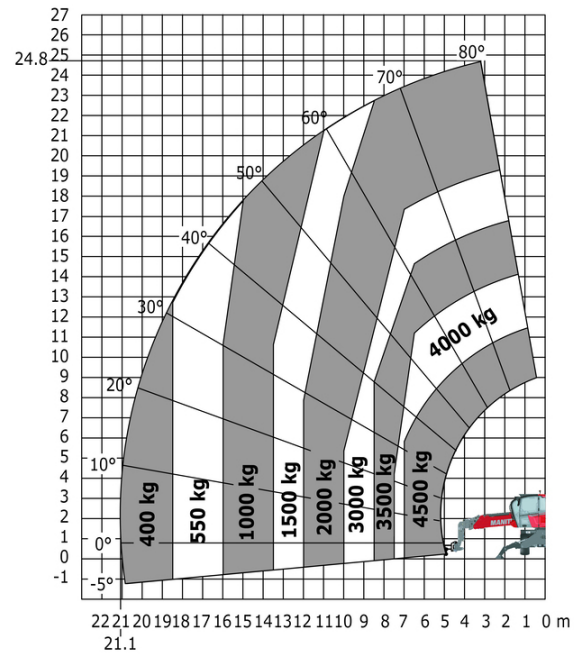


Machine on lowered stabilisers with forks Metric

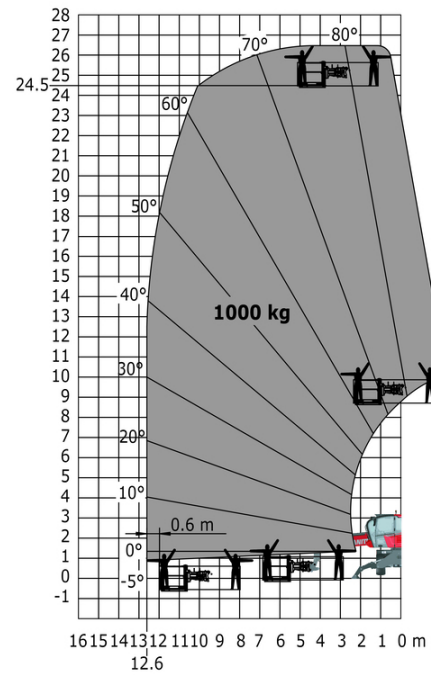
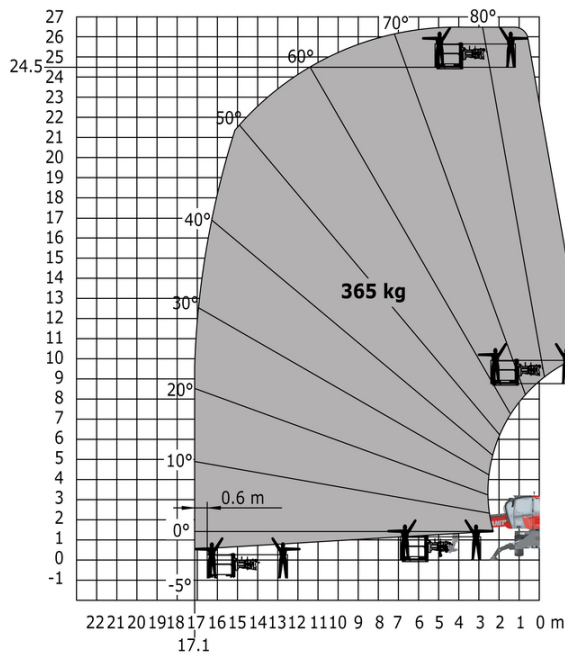




Machine on lowered stabilisers with hook 5000 kg (Metric)



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





**Siège Social**

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