

Technical sheet :

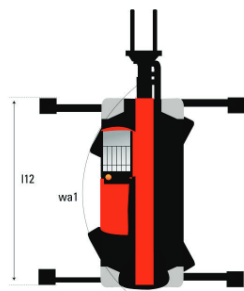
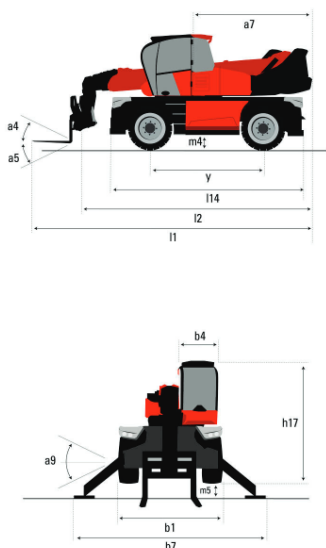
# **MRT 3060**

## **VISION +**

---



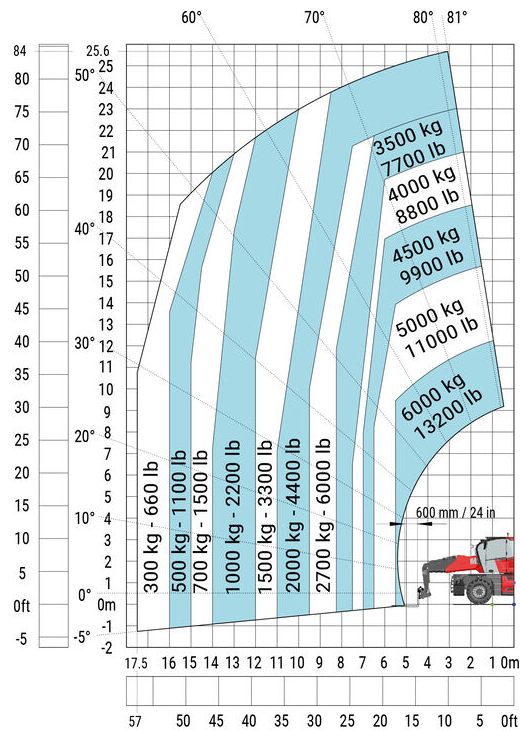
| Capacities                                                      |     | Metric                                                 | Imperial                                               |
|-----------------------------------------------------------------|-----|--------------------------------------------------------|--------------------------------------------------------|
| Max. capacity                                                   |     | 6000 kg                                                | 13,200 lb                                              |
| Max. lifting height                                             |     | 29.90 m                                                | 98 ft 1 in                                             |
| Max. outreach                                                   | r1  | 25.70 m                                                | 84 ft 4 in                                             |
| Weight and dimensions                                           |     |                                                        |                                                        |
| Overall width                                                   | b1  | 2.50 m                                                 | 8 ft 2 in                                              |
| Overall height                                                  | h17 | 3.10 m                                                 | 10 ft 2 in                                             |
| Overall cab width                                               | b4  | 0.96 m                                                 | 38 in                                                  |
| Ground clearance                                                | m4  | 0.36 m                                                 | 14 in                                                  |
| Wheelbase                                                       | y   | 3.25 m                                                 | 10 ft 8 in                                             |
| Tilt-up angle                                                   | a4  | 12 °                                                   | 12 °                                                   |
| Tilt-down angle                                                 | a5  | 112 °                                                  | 112 °                                                  |
| Overall weight                                                  |     | 21800 kg                                               | 48,061 lb                                              |
| Wheels                                                          |     |                                                        |                                                        |
| Standard tires                                                  |     | 445/65 R22,5                                           | 445/65 R22,5                                           |
| Drive wheels (front / rear)                                     |     | 2 / 2                                                  | 2 / 2                                                  |
| Steering mode                                                   |     | 2 wheel steer, 4 wheel steer, Crab mode                | 2 wheel steer, 4 wheel steer, Crab mode                |
| Stabilizers                                                     |     |                                                        |                                                        |
| Stabs Type                                                      |     | Telescopic Duplex                                      | Telescopic Duplex                                      |
| Controls                                                        |     | Individual or Simultaneous                             | Individual or Simultaneous                             |
| Engine                                                          |     |                                                        |                                                        |
| Engine brand                                                    |     | Yanmar                                                 | Yanmar                                                 |
| Engine norm                                                     |     | Stage V / Tier 4                                       | Stage V / Tier 4                                       |
| Engine model                                                    |     | 4TN107FTT-6SMU1                                        | 4TN107FTT-6SMU1                                        |
| I.C. Engine power rating / Power (kW)                           |     | 173 Hp / 127 kW                                        | 173 Hp / 127 kW                                        |
| Max. torque / Engine rotation (min)                             |     | 805 Nm @ 1500 rpm                                      | 544 ft-lbs @ 1500 rpm                                  |
| Number of cylinders - Capacity of cylinders                     |     | 4 - 4567 cm³                                           | 4 - 279 in³                                            |
| Number of batteries / Battery / Batteries capacity              |     | 2 x 12 V / 120 Ah                                      | 2 x 12 V / 120 Ah                                      |
| Battery starting current                                        |     | (EN)850 A                                              | (EN)850 A                                              |
| Transmission                                                    |     |                                                        |                                                        |
| Transmission type                                               |     | Hydrostatic with Speedshift                            | Hydrostatic with Speedshift                            |
| Gearbox / Number of gears (forward) / Number of gears (reverse) |     | Speedshift / 2 / 2                                     | Speedshift / 2 / 2                                     |
| Max. travel speed                                               |     | 40 km/h                                                | 25 mph                                                 |
| Parking brake                                                   |     | Automatic negative parking brake                       | Automatic negative parking brake                       |
| Service brake                                                   |     | Oil-immersed multi-discs braking on front & rear axles | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics                                                      |     |                                                        |                                                        |
| Hydraulic pump type                                             |     | Load sensing pump                                      | Load sensing pump                                      |
| Hydraulic flow                                                  |     | 185 l/min                                              | 49 gal/min                                             |
| Hydraulic Pressure                                              |     | 350 Bar                                                | 5076 PSI                                               |
| Tank capacities                                                 |     |                                                        |                                                        |
| Engine oil                                                      |     | 13 l                                                   | 3 US gal                                               |
| Hydraulic oil                                                   |     | 300 l                                                  | 79 US gal                                              |
| Fuel tank                                                       |     | 320 l                                                  | 85 US gal                                              |
| Diesel Exhaust fluid (AdBlue® type)                             |     | 24 l                                                   | 6 US gal                                               |
| Miscellaneous                                                   |     |                                                        |                                                        |
| Steering wheels (front / rear)                                  |     | 2 / 2                                                  | 2 / 2                                                  |
| Controls                                                        |     | 2 Joysticks                                            | 2 Joysticks                                            |
| Safety cab homologation                                         |     | ROPS - FOPS cab (level 2)                              | ROPS - FOPS cab (level 2)                              |
| Attachment recognition system (E-Reco)                          |     | Standard                                               | Standard                                               |



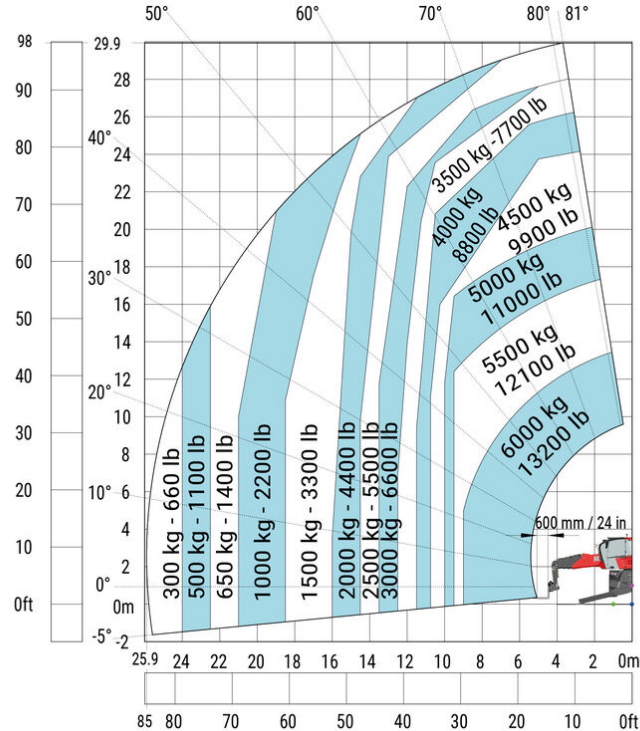
## MRT 3060 - Dimensional drawing

| Other data                                        |     | Imperial    | Metric  |
|---------------------------------------------------|-----|-------------|---------|
| Overall length (with forks)                       | l1  | 30 ft       | 9.14 m  |
| Length to face of forks                           | l2  | 26 ft 1 in  | 7.94 m  |
| Length of frame                                   | l14 | 19 ft 5 in  | 5.92 m  |
| Wheelbase                                         | y   | 10 ft 8 in  | 3.25 m  |
| Ground clearance                                  | m4  | 14 in       | 0.36 m  |
| Counterweight offset (turret at 90°)              | a7  | 11 ft 4 in  | 3.45 m  |
| Tilt-up angle                                     | a4  | 12 °        | 12 °    |
| Tilt-down angle                                   | a5  | 112 °       | 112 °   |
| Overall length at stabilizers                     | l12 | 18 ft 5 in  | 5.62 m  |
| External turning radius (over tires)              | Wa1 | 14 ft 4 in  | 4.37 m  |
| Overall width                                     | b1  | 8 ft 2 in   | 2.50 m  |
| Overall width with stabilizers extended           | b7  | 19 ft 11 in | 6.06 m  |
| Overall cab width                                 | b4  | 38 in       | 0.96 m  |
| Overall height                                    | h17 | 10 ft 2 in  | 3.10 m  |
| Frame leveling corrector                          | a9  | +/- 7 °     | +/- 7 ° |
| Ground clearance under front tires on stabilizers | m5  | 1 ft 6 in   | 0.45 m  |

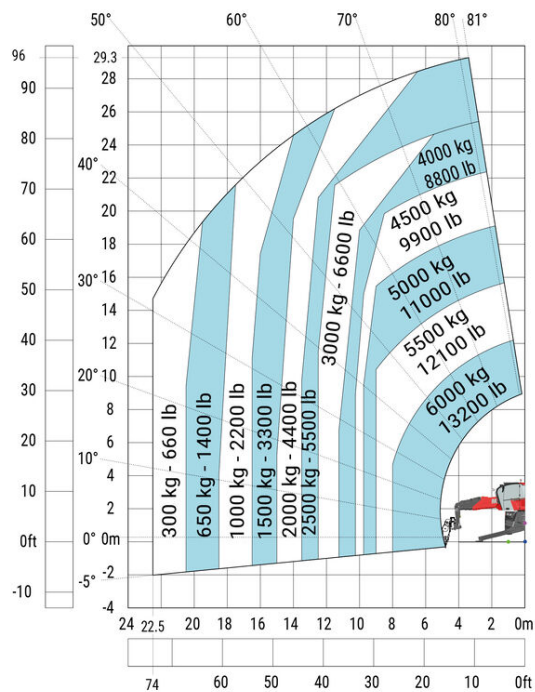
Machine on tires with forks



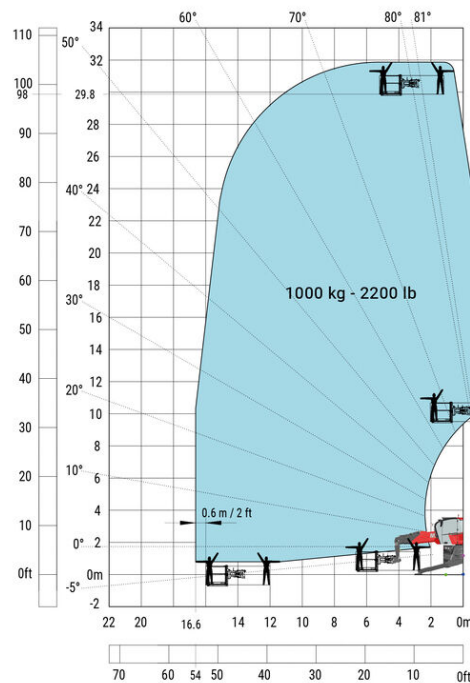
Machine on lowered stabilizers with forks



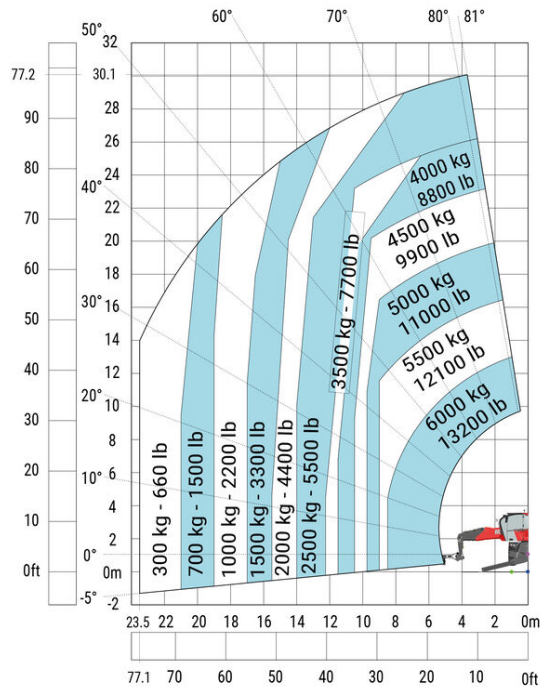
Machine on lowered stabilizers with winch 13,200 lb



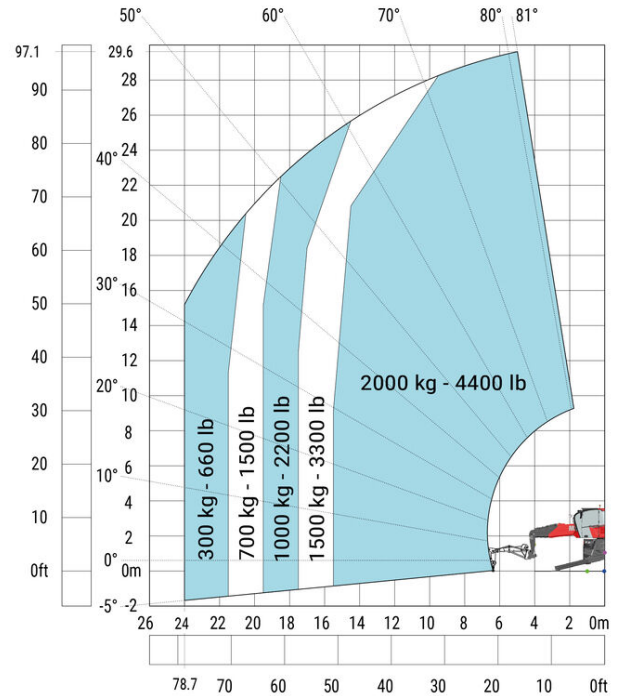
Machine on lowered stabilizers with 2,200 lb platform



Machine on lowered stabilizers with hook 13,200 lb



Machine on lowered stabilizers with 4,400 lb jib



Manitou North America, LLC  
P.O. Box 179 - West Bend, WI 53095  
Tel: 262-334-9461 [www.manitou.com](http://www.manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes