

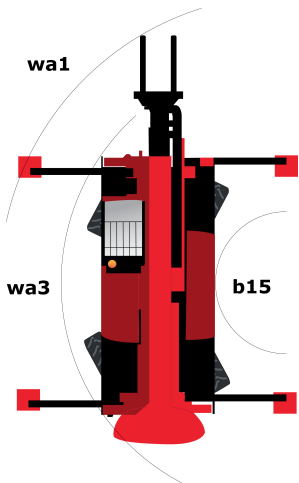
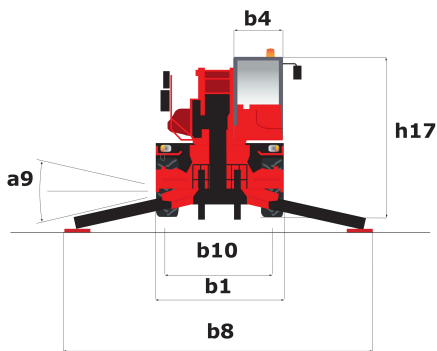
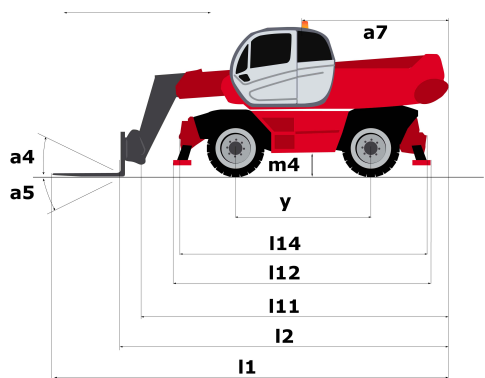
Technical sheet

# **MRT-X 2470 PRIVILEGE PLUS**

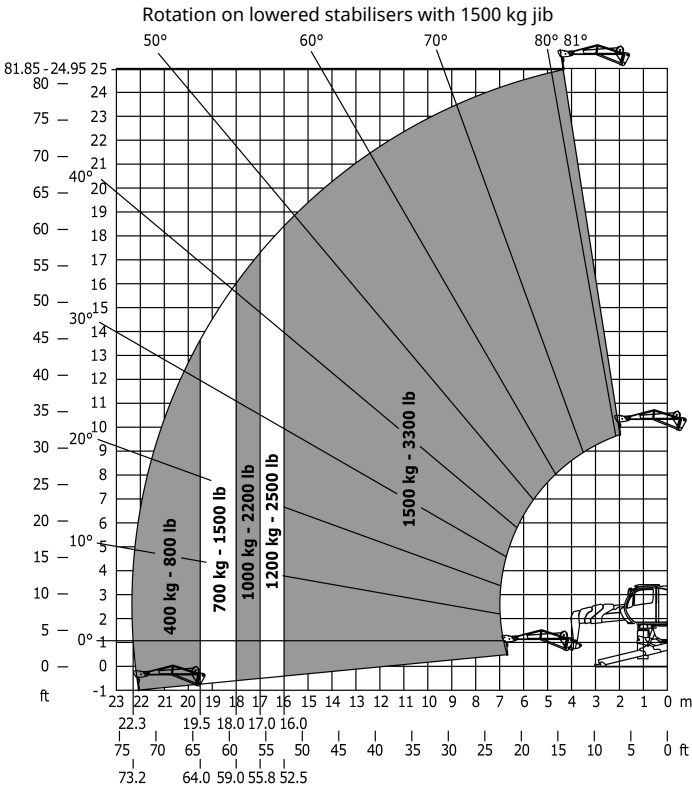
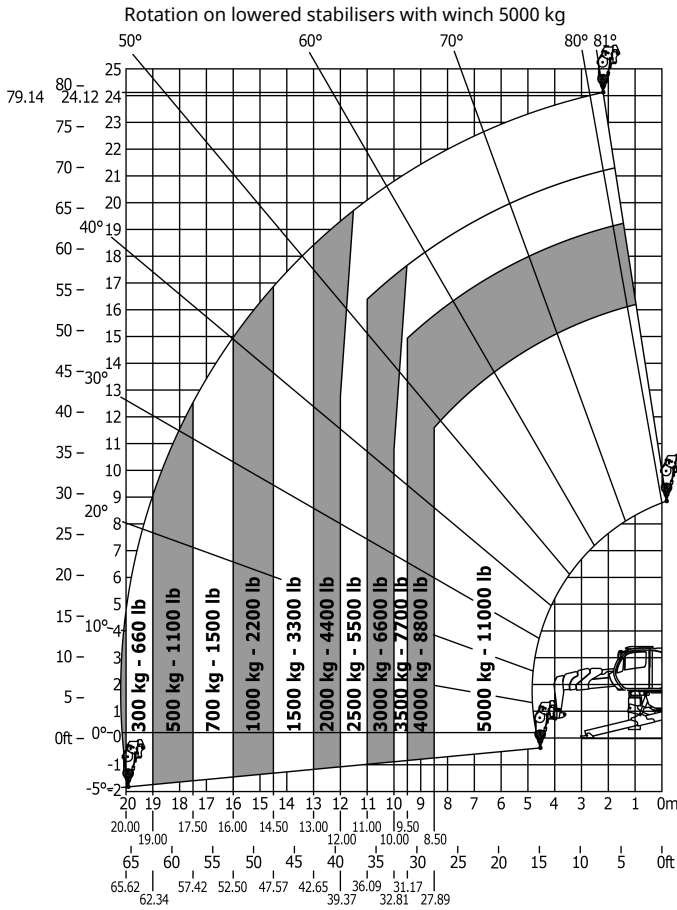
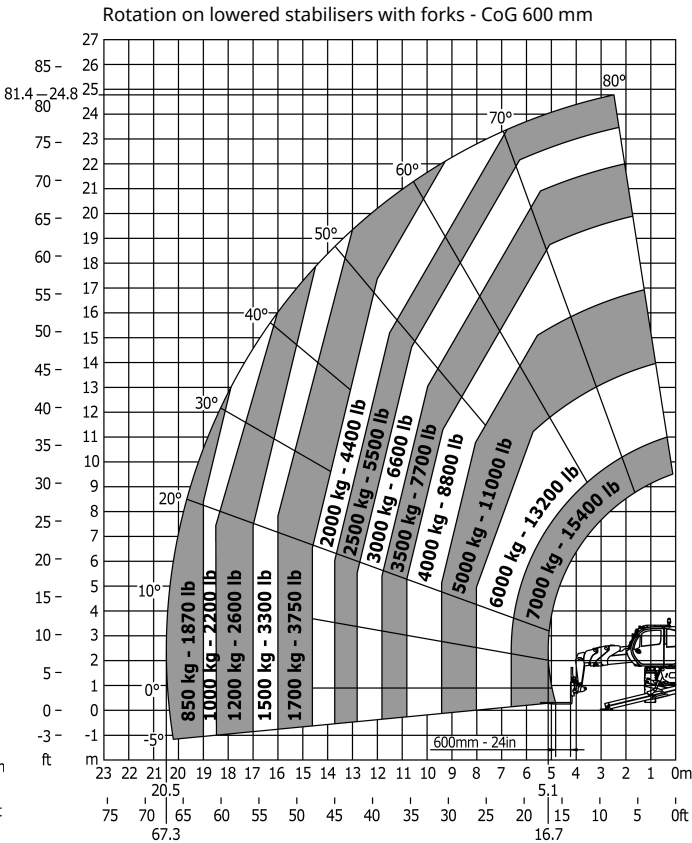
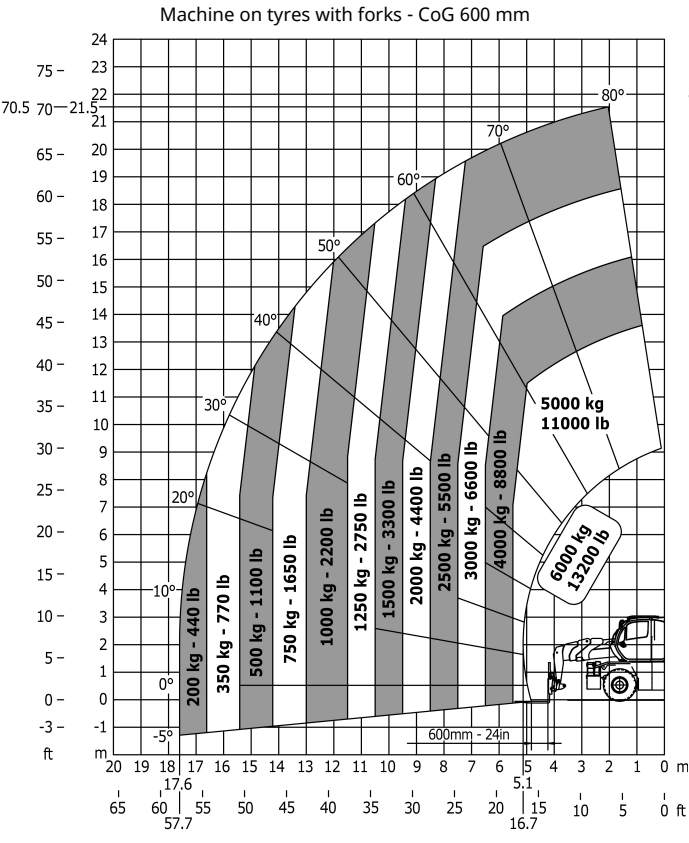
Rotating Telehandlers



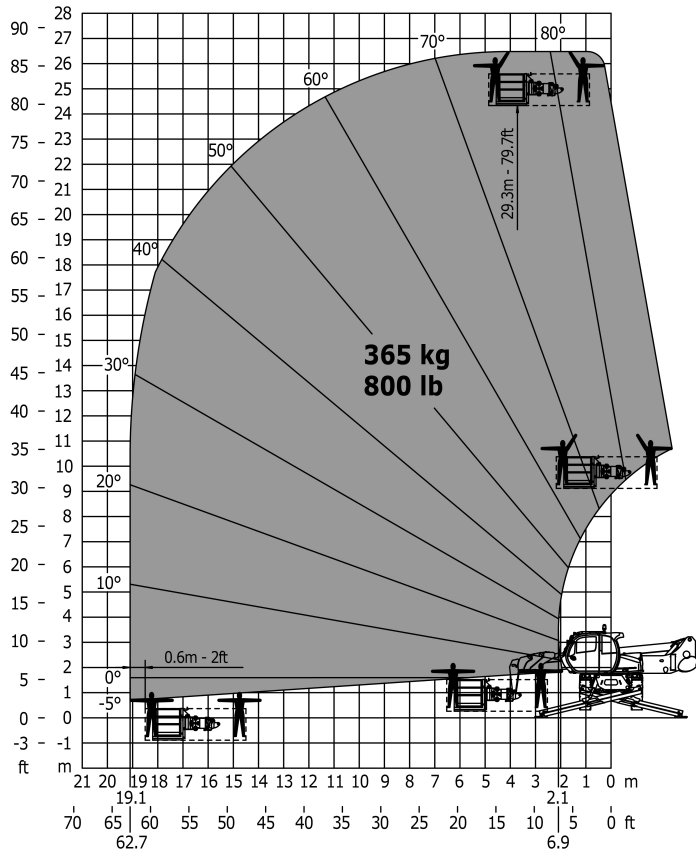
| Capacities                                   | Metric                           | Imperial                         |
|----------------------------------------------|----------------------------------|----------------------------------|
| Max. capacity                                | 7000 kg                          | 15432.36 lbs                     |
| Max. lift height                             | 24.80 m                          | 81 ft 4 in                       |
| Max. reach                                   | 20.50 m                          | 65 ft 7 in                       |
| Dimensions                                   |                                  |                                  |
| l2 - Length to fork heel                     | 7.55 m                           | 24 ft 9 in                       |
| l1 - Overall length                          | 8.75 m                           | 26 ft 3 in                       |
| b1 - Overall machine width                   | 2.49 m                           | 8 ft 2 in                        |
| b7 - Overall width with stabilisers extended | 6.25 m                           | 20 ft 6 in                       |
| h17 - Overall height                         | 3.05 m                           | 10 ft                            |
| Wa3 - - Frame outer turning radius           | 6.50 m                           | 21 ft 4 in                       |
| m4 - Machine ground clearance                | 0.35 m                           | 1 ft 2 in                        |
| a4 - Tilt-up angle                           | 12.30 °                          | 12.30 °                          |
| a5 - Tilt-down angle                         | 108.70 °                         | 108.70 °                         |
| Standard tyres                               | Pneumatic                        | Pneumatic                        |
| Standard forks                               | 1200 x 130 x 60                  | 47.2 x 5.11 x 2.36               |
| Weight                                       | 21760 kg                         | 47972.59 lbs                     |
| Stabilisers                                  |                                  |                                  |
| Type                                         | Telescopic Duplex                | Telescopic Duplex                |
| Controls                                     | Individual or Simultaneous       | Individual or Simultaneous       |
| Engine                                       |                                  |                                  |
| Brand                                        | Mercedes                         | Mercedes                         |
| Model                                        | OM 904 LA E3A - Stage 3A         | OM 904 LA E3A - Stage 3A         |
| Power                                        | 176 hp / 129 kW                  | 176 hp / 129 kW                  |
| Max. torque                                  | 675 Nm at 1600 rpm               | 497.85 ft.lbs at 1600 rpm        |
| Number of cylinders - Capacity               | 4 - 4.25 cm³                     | 4 - 259.35 in³                   |
| Injection                                    | Direct                           | Direct                           |
| Cooling                                      | by Water                         | by Water                         |
| Transmission                                 |                                  |                                  |
| Type                                         | Hydrostatic                      | Hydrostatic                      |
| Drawbar pull                                 | 9500 daN                         | 21356.85 lbf                     |
| Parking brake                                | Automatic negative parking brake | Automatic negative parking brake |
| Service brake                                | Hydraulic                        | Hydraulic                        |
| Hydraulics                                   |                                  |                                  |
| Type of pump                                 | Variable Flow                    | Variable Flow                    |
| Hydraulic flow rate                          | 180 l/min                        | 47.50 gpm                        |
| Pressure                                     | 350 bar                          | 5076.32 psi                      |
| Tank capacities                              |                                  |                                  |
| Hydraulic oil                                | 290 l                            | 76.60 US gal.                    |
| Fuel                                         | 290 l                            | 76.60 US gal.                    |
| Noise & vibration                            |                                  |                                  |
| Noise at driving position (LpA)              | 79.70 dB(A)                      | 79.70 dB(A)                      |
| Noise to environment (LwA)                   | 108 dB(A)                        | 108 dB(A)                        |
| Vibration on hands/arms                      | <2.50 m/s²                       | <8.20 ft/s²                      |



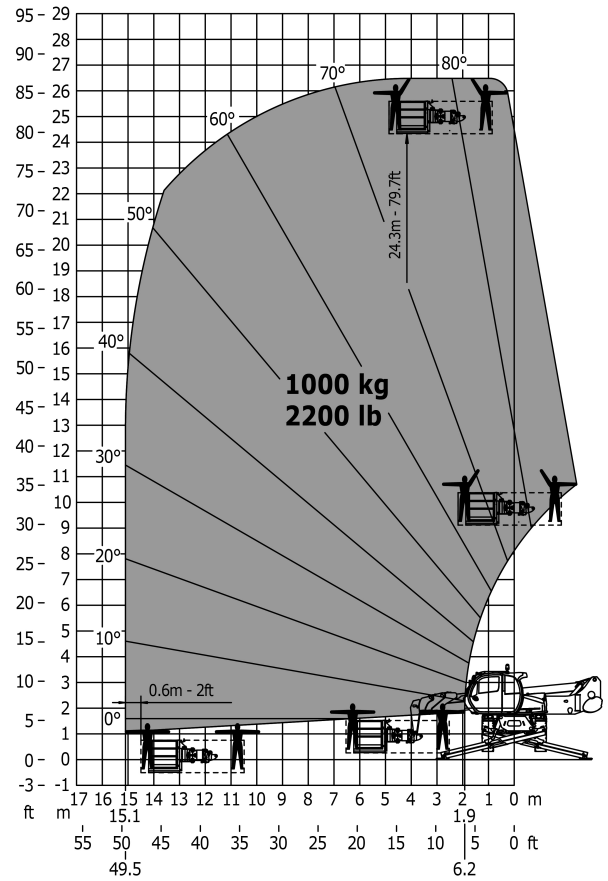
| Other data                                   | Metric   | Imperial    |
|----------------------------------------------|----------|-------------|
| l12 - Overall length at stabilisers          | 5.27 m   | 16 ft 10 in |
| b7 - Overall width with stabilisers extended | 6.25 m   | 20 ft 6 in  |
| b4 - Overall cab width                       | 0.99 m   | 3 ft 3 in   |
| l14 - Length of frame                        | 5.60 m   | 18 ft 4 in  |
| y - Wheelbase                                | 3.25 m   | 10 ft 8 in  |
| a9 - Levelling corrector                     | 7.40 °   | 7.40 °      |
| a4 - Tilt-up angle                           | 12.30 °  | 12.30 °     |
| a5 - Tilt-down angle                         | 108.70 ° | 108.70 °    |
| b10 - Front wheel gauge (middle of wheels)   | 2.05 m   | 6 ft 9 in   |
| b11 - Rear wheel gauge (middle of wheels)    | 2.05 m   | 6 ft 9 in   |
| Wa1 - Outer turning radius (with forks)      | 6.50 m   | 21 ft 4 in  |
| b15- Inside turning radius                   | 1.50 m   | 4 ft 11 in  |

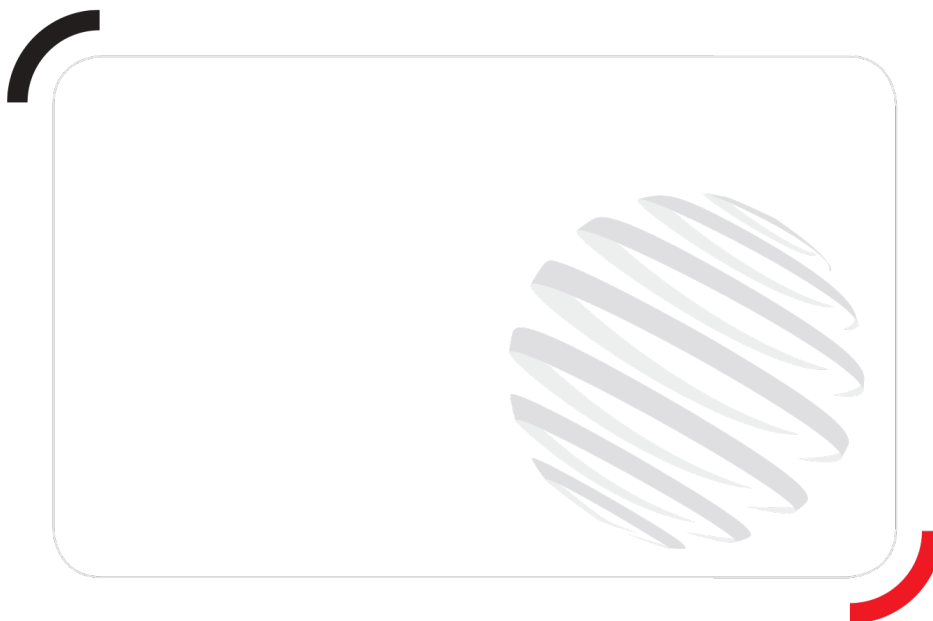


Rotation on lowered stabilisers with 365 kg platform



Rotation on lowered stabilisers with 1000 kg platform





Siège Social  
430 rue de l'Aubinière - 44150 Ancenis Cedex - France  
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97  
[www.manitou.com](http://www.manitou.com)



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