

Fiche technique :

# MRT 2260 E

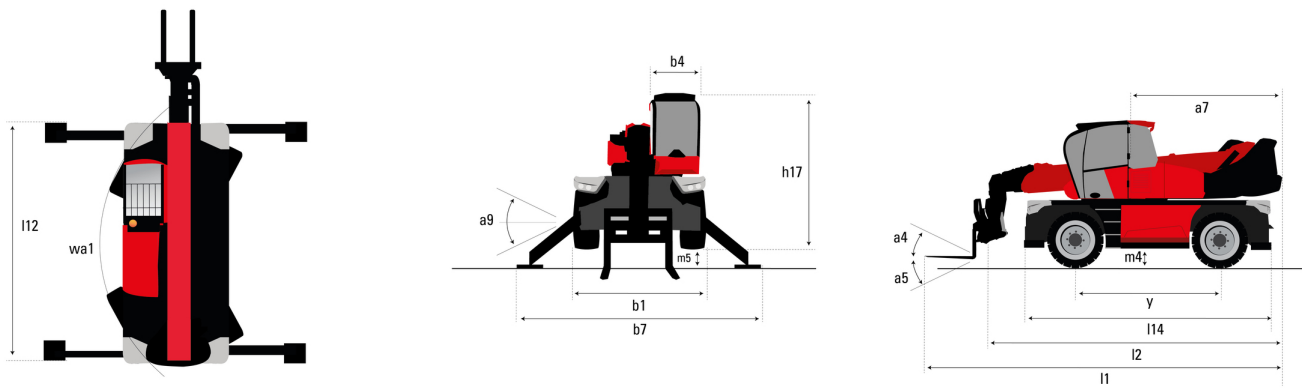
OXYGEN



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                |           | Métrique                                               |
|-------------------------------------------|-----------|--------------------------------------------------------|
| Max. capacity                             |           | 6000 kg                                                |
| Max. lifting height                       |           | 21.80 m                                                |
| Max. outreach                             |           | 18.20 m                                                |
| Weight and dimensions                     |           |                                                        |
| Overall length (with forks)               | l1        | 8.17 m                                                 |
| Length to face of forks                   | l2        | 6.97 m                                                 |
| Overall width                             | b1        | 2.50 m                                                 |
| Overall height                            | h17       | 3.10 m                                                 |
| Overall cab width                         | b4        | 0.96 m                                                 |
| Ground clearance                          | m4        | 0.38 m                                                 |
| Wheelbase                                 | y         | 3.05 m                                                 |
| Tilt-up angle                             | a4        | 12 °                                                   |
| Tilt-down angle                           | a5        | 110 °                                                  |
| Turret rotation                           |           | 360 °                                                  |
| Overall weight                            |           | 18000 kg                                               |
| Forks length / width / section            | l / e / s | 100 mm x 1200 mm x 60 mm                               |
| Wheels                                    |           |                                                        |
| Standard tires                            |           | 445/65 R22,5                                           |
| Drive wheels (front / rear)               |           | 2 / 2                                                  |
| Steering mode                             |           | 2 wheel steer, 4 wheel steer, Crab mode                |
| Stabilisers                               |           |                                                        |
| Stabs Type                                |           | Telescopic Duplex                                      |
| Controls with stabs                       |           | Stabs Commands Individual or Simultaneous              |
| Electric circuit                          |           |                                                        |
| Number of batteries / Battery voltage     |           | 2 x 12 V                                               |
| 12V Battery capacity                      |           | 120 Ah                                                 |
| Battery starting current                  |           | (EN)850 A                                              |
| Engine/Battery                            |           |                                                        |
| Battery technology                        |           | Lithium-ion                                            |
| Battery capacity                          |           | 105 Ah                                                 |
| Battery nominal voltage                   |           | 624 V                                                  |
| Battery max. voltage                      |           | 680 V                                                  |
| Battery energy                            |           | 65 kWh                                                 |
| Drive motor power                         |           | 107 kW                                                 |
| Hydraulic motor power                     |           | 84 kW                                                  |
| On-board Charger Power / Phase / Current  |           | 11 kW / Single-phase or three-phase / AC               |
| Transmission                              |           |                                                        |
| Transmission type                         |           | Electrical                                             |
| Number of gears (forward / reverse)       |           | 2 / 2                                                  |
| Max. travel speed                         |           | 37 km/h                                                |
| Drawbar pull max / continuous             |           | 8600 daN / 4300 daN                                    |
| Parking brake                             |           | Automatic negative parking brake                       |
| Service brake                             |           | Oil-immersed multi-discs braking on front & rear axles |
| Performances                              |           |                                                        |
| Max Gradeability (laden / unladen)        |           | 36 % / 48 %                                            |
| Gradeability continuous (laden / unladen) |           | 18 % / 23 %                                            |
| Hydraulics                                |           |                                                        |
| Hydraulic pump type                       |           | Fixed displacement piston                              |
| Hydraulic flow                            |           | 175 l/min                                              |
| Hydraulic Pressure                        |           | 350 bar                                                |
| Hydraulic tank capacity                   |           | 200 l                                                  |
| Noise and vibration                       |           |                                                        |
| Noise at driving position (LpA)           |           | 65 dB                                                  |
| Noise to environment (LWA)                |           | 103 dB                                                 |
| 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 2260 e - Schémas d'encombrement

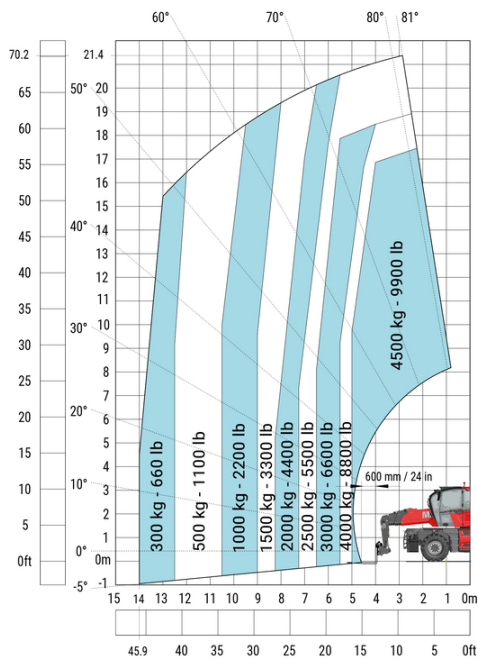


| Autres données                                    |  |
|---------------------------------------------------|--|
| Length of frame                                   |  |
| Wheelbase                                         |  |
| Ground clearance                                  |  |
| Counterweight offset (turret at 90°)              |  |
| Tilt-up angle                                     |  |
| Tilt-down angle                                   |  |
| Overall length at stabilisers                     |  |
| External turning radius (over tyres)              |  |
| Overall width with stabilisers extended           |  |
| Overall height                                    |  |
| Frame leveling corrector                          |  |
| Ground clearance under front tires on stabilizers |  |

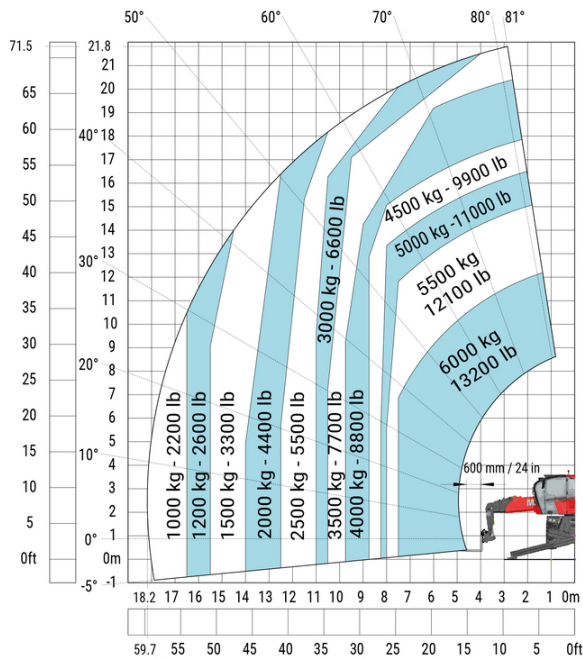
|     | Métrique |
|-----|----------|
| l14 | 5.69 m   |
| y   | 3.05 m   |
| m4  | 0.38 m   |
| a7  | 2.97 m   |
| a4  | 12 °     |
| a5  | 110 °    |
| l12 | 5.30 m   |
| Wa1 | 4.46 m   |
| b7  | 5.79 m   |
| h17 | 3.10 m   |
| a9  | +/- 7 °  |
| m5  | 0.43 m   |

MRT 2260 e - Abaques

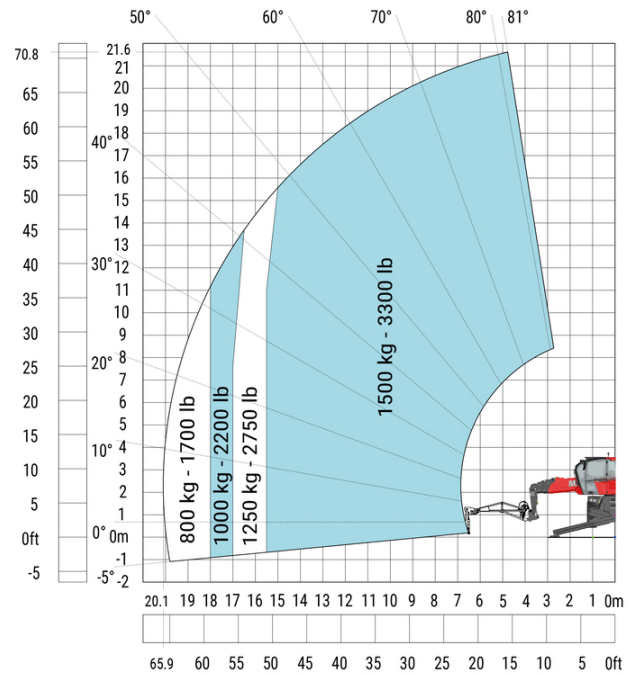
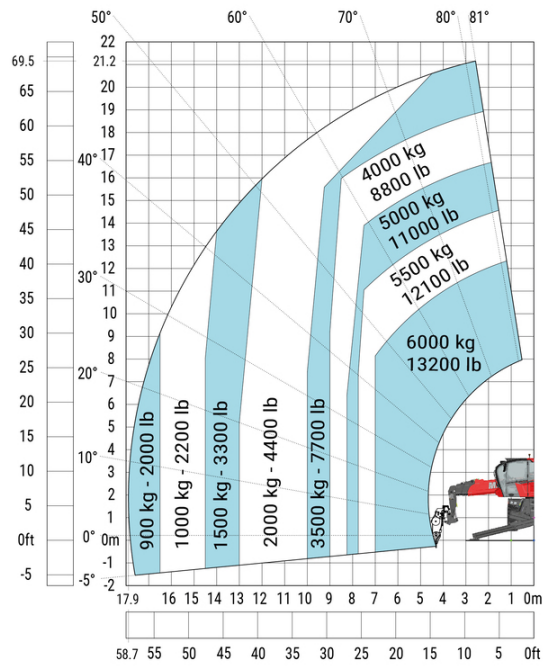
Machine on tyres with forks Metric



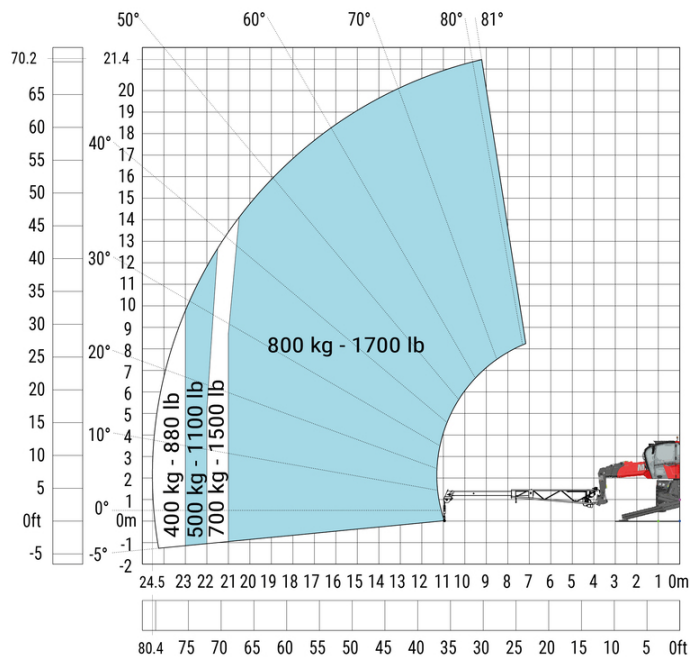
Machine on lowered stabilisers with forks (CAF) Metric



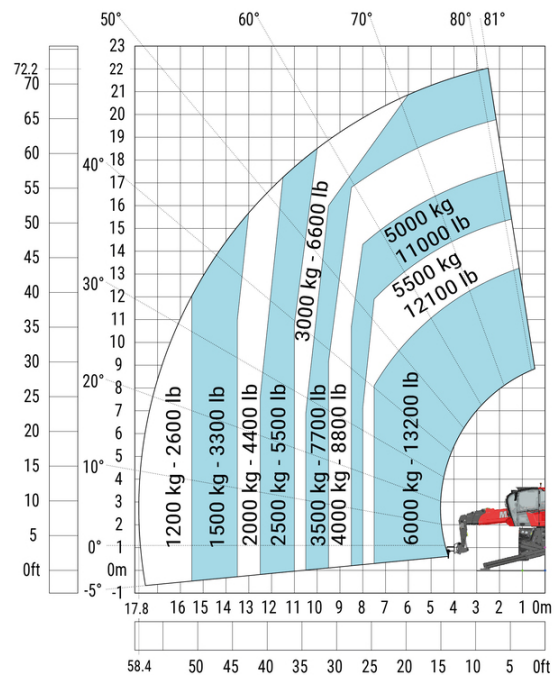
# Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



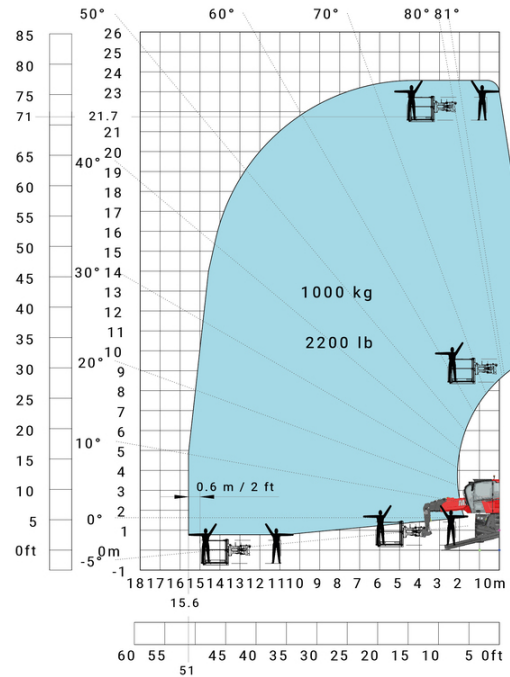
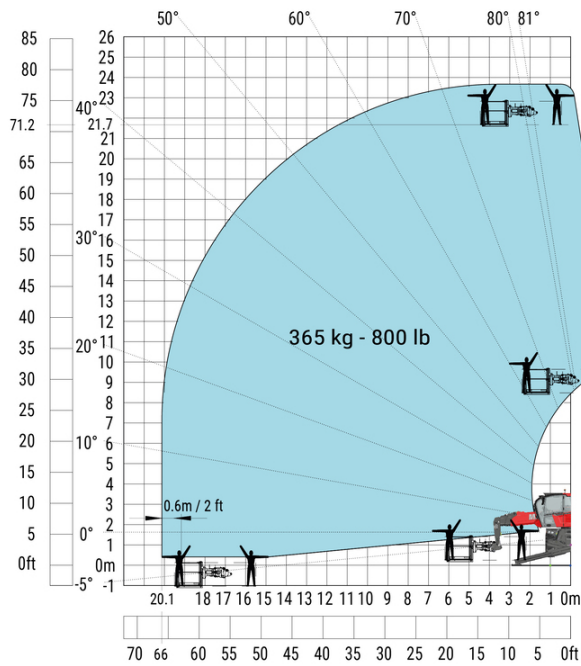
## Machine on lowered stabilisers with extensible jib with winch (Metric)



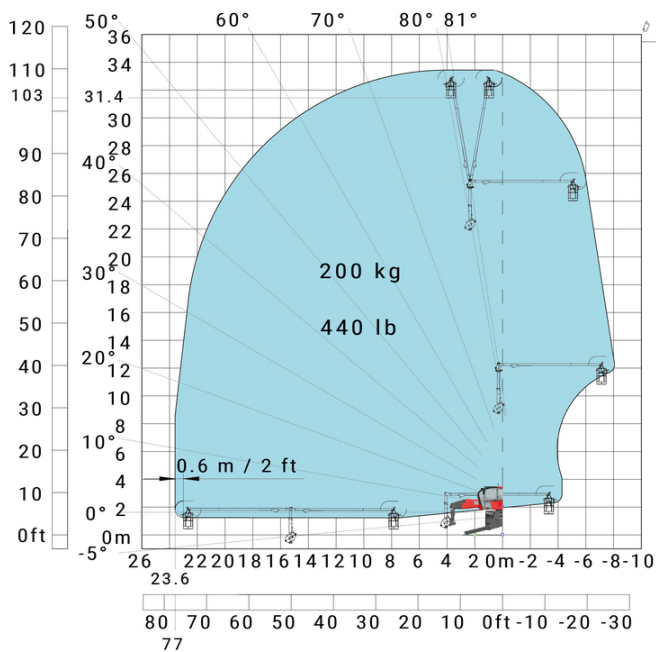
## Machine on lowered stabilisers with hook 6000 kg (Metric)



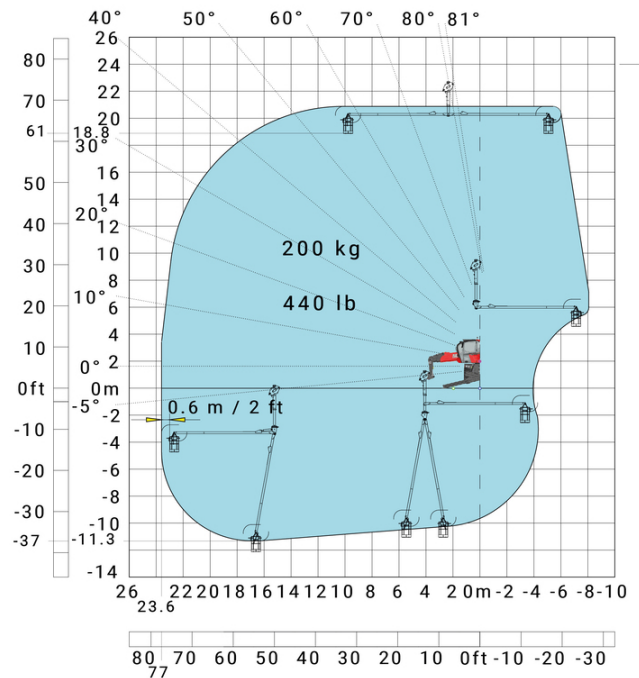
## Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric



### Machine on lowered stabilisers with 3D positive Metric



### Machine on lowered stabilisers with 3D positive / negative Metric



## Équipements

Standard

Optionnel

Additional battery high voltage 65 kWh

E-xtra generator 18.4 kW

## Équipement : E-xtra generator 18.4 kW

| Capacities                                  |  | Métrique                  |
|---------------------------------------------|--|---------------------------|
| Fuel tank                                   |  | 65 l                      |
| Engine oil                                  |  | 3.40 l                    |
| Engine                                      |  |                           |
| Engine brand / norm                         |  | Yanmar / Stage V / Tier 4 |
| Engine model                                |  | 3TNV80F-ZXKMU             |
| Number of cylinders - Capacity of cylinders |  | 3 - 1267 cm³              |
| Max. torque                                 |  | 74.50 Nm                  |
| Power                                       |  | 18.40 kW                  |
| Engine rotation                             |  | 2800 rpm                  |
| Engine rotation (min)                       |  | 1900 rpm                  |
| Engine cooling system                       |  | Water cooled              |
| I.C. Engine power rating                    |  | 25 Hp                     |



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