Technical sheet :

# MRT 3570

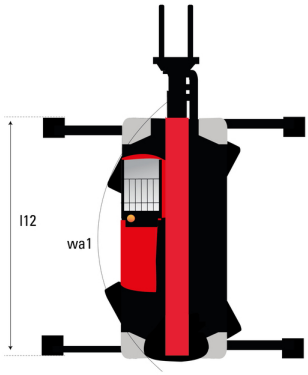
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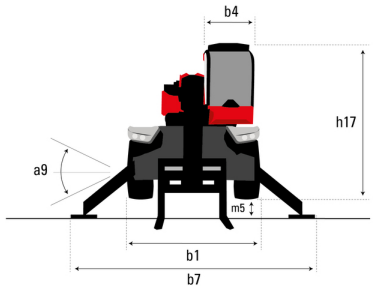


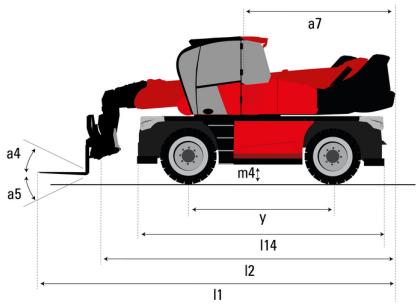

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| Capacities | | Metric |
|---|---|---|
| Max. capacity | | 7000 kg |
| Max. lifting height | | 34.70 m |
| Max. outreach | | 28 m |
| **Weight and dimensions** | | |
| Overall length (with forks) | l1 | 10.06 m |
| Length to face of forks | l2 | 8.86 m |
| Overall width | b1 | 2.50 m |
| Overall height | h17 | 3.26 m |
| Overall cab width | b4 | 0.96 m |
| Ground clearance | m4 | 0.36 m |
| Wheelbase | y | 3.75 m |
| Tilt-up angle | a4 | 13 ° |
| Tilt-down angle | a5 | 108 ° |
| Turret rotation | | 360 ° |
| Overall weight | | 23800 kg |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 60 mm |
| **Wheels** | | |
| Standard tires | | 17,5-R25 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode |
| **Stabilisers** | | |
| Stabs Type | | Telescopic Triplex |
| Controls with stabs | | Stabs Commands Individual or Simultaneous |
| **Engine** | | |
| Engine brand | | Yanmar |
| Engine norm | | Stage V / Tier 4 |
| Engine model | | 4TN107FTT-6SMU2 |
| I.C. Engine power rating / Power | | 211 Hp / 155 kW |
| Max. torque / Engine rotation (min) | | 805 Nm @ 1500 rpm |
| Number of cylinders - Capacity of cylinders | | 4 - 4567 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 with CVT |
| Gearbox | | Speedshift |
| Max. travel speed | | 40 km/h |
| Drawbar pull | | 9300 daN |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| **Performances** | | |
| Gradeability (laden / unladen) | | 29 % / 38.70 % |
| **Hydraulics** | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow | | 185 l/min |
| Hydraulic Pressure | | 350 bar |
| **Tank capacities** | | |
| Engine oil | | 13 l |
| Hydraulic oil | | 300 l |
| Fuel tank | | 320 l |
| Diesel Exhaust fluid (AdBlue® type) | | 24 l |
| **Noise and vibration** | | |
| Noise at driving position (LpA) | | 68 dB |
| Environmental noise (LwA) | | 109 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 3570 - Dimensional drawing



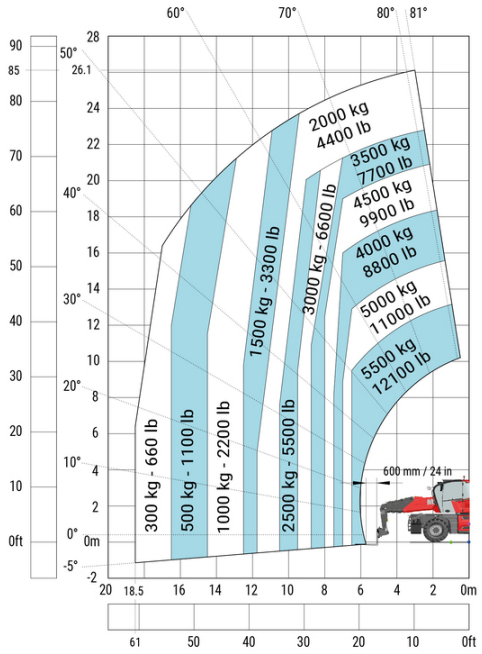



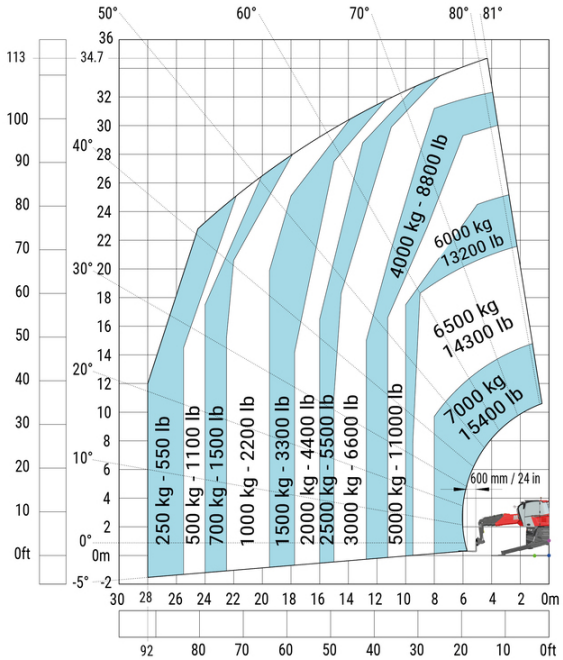

| Other data | | Metric |
|---|---|---|
| Length of frame | l14 | 6.80 m |
| Wheelbase | y | 3.75 m |
| Ground clearance | m4 | 0.36 m |
| Counterweight offset (turret at 90°) | a7 | 3.75 m |
| Tilt-up angle | a4 | 13 ° |
| Tilt-down angle | a5 | 108 ° |
| Overall length at stabilisers | l12 | 6.50 m |
| External turning radius (over tyres) | Wa1 | 5.06 m |
| Overall width with stabilisers extended | b7 | 7.42 m |
| Overall height | h17 | 3.26 m |
| Frame leveling corrector | a9 | +/- 8 ° |
| Ground clearance under front tires on stabilizers | m5 | 0.44 m |

# MRT 3570 - Load chart

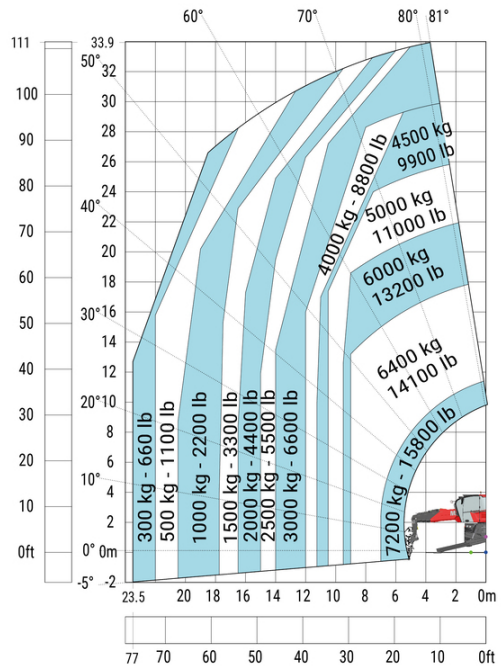
## Machine on tyres with forks Metric



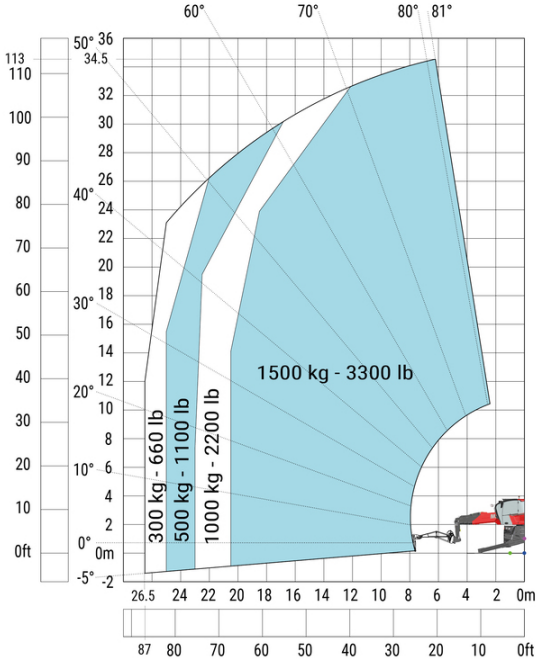

## Machine on lowered stabilisers with forks Metric



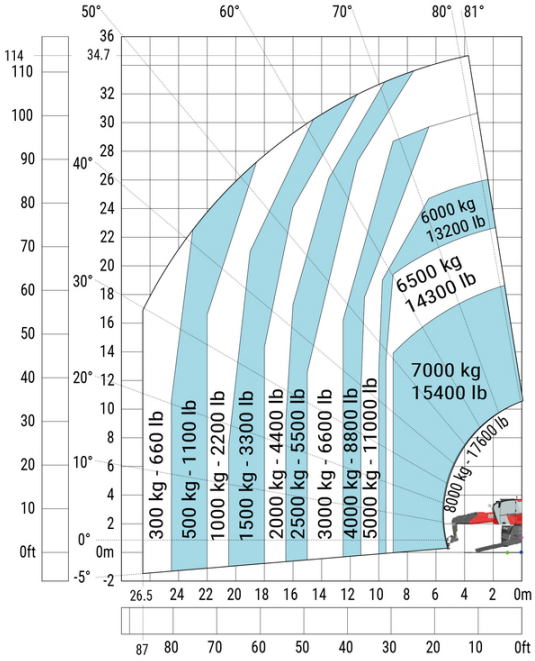
## Machine on lowered stabilisers with winch 7200 kg (metric)



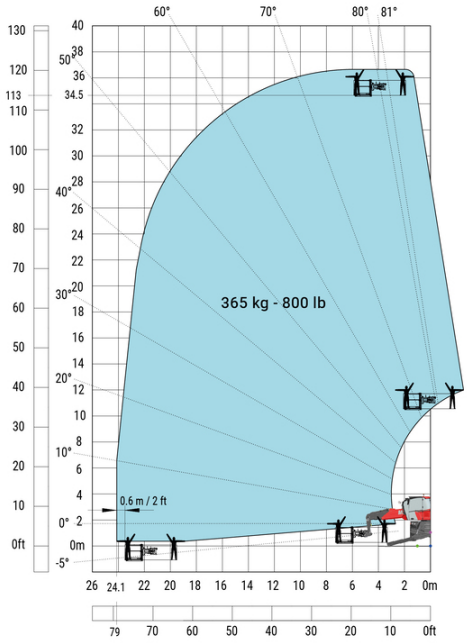

## Machine on lowered stabilisers with 1500 kg jib Metric



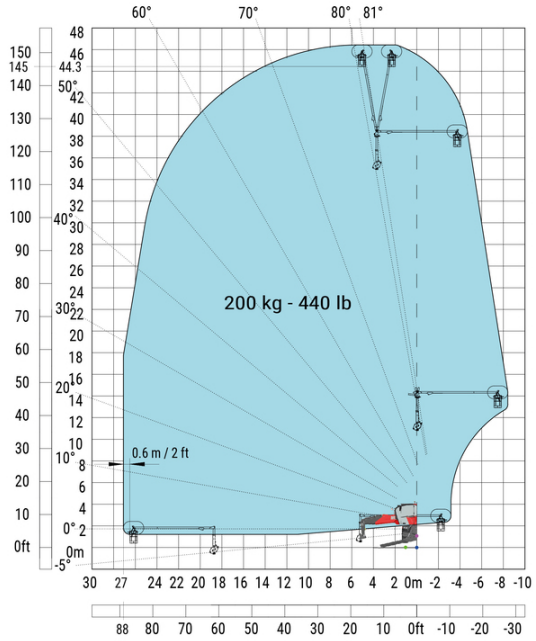

## Machine on lowered stabilisers with hook 9000 kg (Metric)




## Machine on lowered stabilisers with 365 kg platform Metric



# Machine on lowered stabilisers with 3D positive Metric



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