

Technical sheet :

MRT 2660

VISION +



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Imperial |
|---|-----------|--|
| Max. capacity | | 13228 lb |
| Max. lifting height | | 85 ft |
| Maximum outreach | | 71 ft 2 in |
| Weight and dimensions | | |
| Overall length (with forks) | l1 | 30 ft 5 in |
| Length to face of forks | l2 | 26 ft 6 in |
| Overall width | b1 | 8 ft 2 in |
| Overall height | h17 | 10 ft 2 in |
| Overall cab width | b4 | 3 ft 2 in |
| External turning radius (over tyres) | Wa1 | 14 ft 8 in |
| Ground clearance | m4 | 1 ft 3 in |
| Wheelbase | y | 10 ft |
| Tilt-up angle | a4 | 12 ° |
| Tilt-down angle | a5 | 110 ° |
| Turret rotation | | 360 ° |
| Overall weight | | 39683 lb |
| Forks length / width / section | l / e / s | 47 in x 4 in x 2 in |
| Wheels | | |
| Standard tires | | 445/65 R22,5 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode |
| Stabilisers | | |
| Stabilizers Type | | Telescopic Duplex |
| Controls for stabs | | Stabs Commands Individual or Simultaneous |
| Engine | | |
| Engine brand | | Yanmar |
| Engine norm | | Stage V, Tier 4 |
| Engine model | | 4TN107FHT-6SMU1 |
| Engine power (Hp / kW) | | 156 Hp / 115 kW |
| Max. torque / Engine rotation (min) | | 444 ft/lbs @ 1500 rpm |
| Number of cylinders - Capacity of cylinders | | 4 - 279 in ³ |
| 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 |
| Gearbox / Number of gears (forward) / Number of gears (reverse) | | Speedshift / 2 / 2 |
| Max. travel speed | | 25 mph |
| Drawbar pull | | 8600 daN |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| Performances | | |
| Gradeability (laden / unladen) | | 40.40 % / 45.50 % |
| Hydraulics | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow | | 45 US gpm |
| Hydraulic Pressure | | 5076 PSI |
| Tank capacities | | |
| Engine oil | | 3 US gal |
| Fuel | | 71 US gal |
| Diesel Exhaust fluid (AdBlue® type) | | 6 US gal |
| Noise and vibration | | |
| Noise at driving position (LpA) | | 68 dB |
| Noise to environment (LwA) | | 108 dB |
| Vibration on hands/arms | | < 8 ft/s ² |
| Miscellaneous | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Controls | | 2 Joysticks |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Attachment recognition system (E-Reco) | | Standard |

MRT 2660 - Dimensional drawing

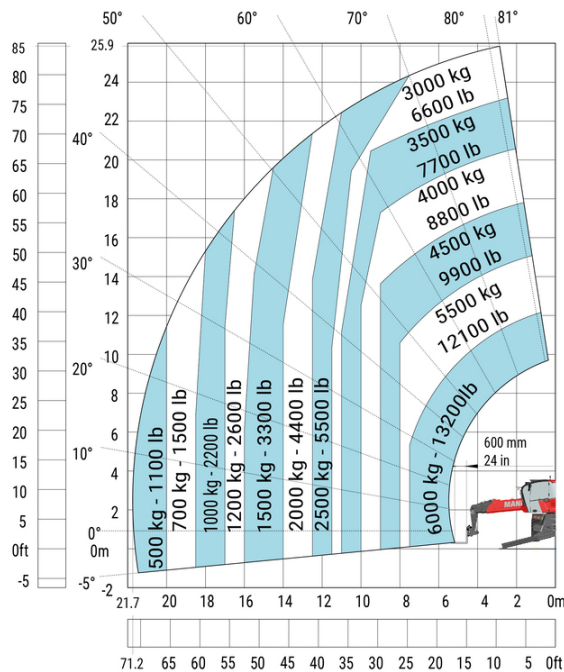
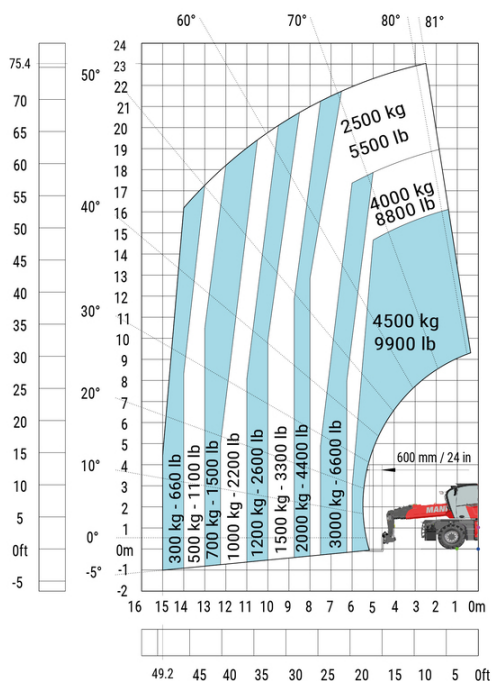


| Other data | | Imperial |
|---|-----|------------|
| Length of frame | l14 | 18 ft 8 in |
| Wheelbase | y | 10 ft |
| Ground clearance | m4 | 1 ft 3 in |
| Counterweight offset (turret at 90°) | a7 | 11 ft 1 in |
| Overall length at stabilisers | l12 | 17 ft 5 in |
| Overall width with stabilisers extended | b7 | 19 ft |
| Frame leveling corrector | a9 | +/- 7° |
| Ground clearance under front tires on stabilizers | m5 | 1 ft 3 in |

MRT 2660 - Load chart

Machine on tires with forks Imperial

Machine on lowered stabilisers with forks (CAF) Imperial



Machine on lowered stabilisers with winch 6000 kg (Imperial)



Machine on lowered stabilisers with 1500 kg jib with winch (Imperial)



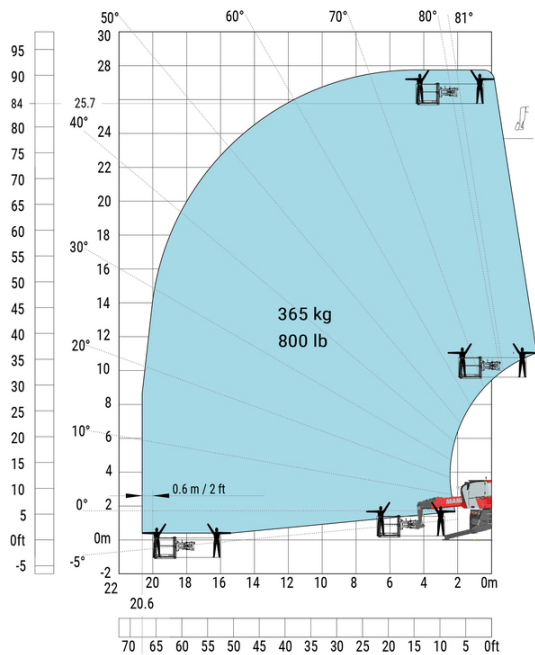
Machine on lowered stabilisers with extensible jib with winch (Imperial)



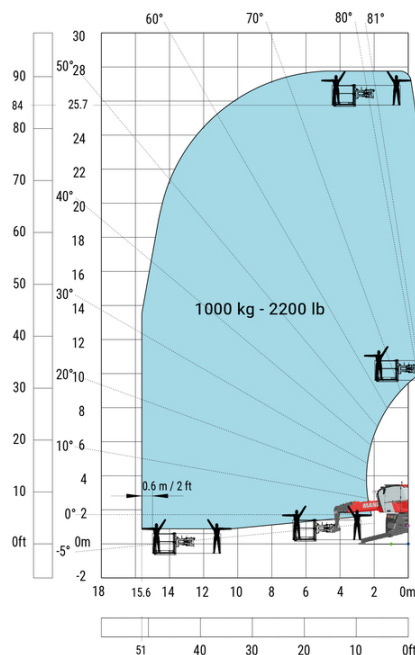
Machine on lowered stabilisers with hook 6000 kg (Imperial)



Machine on lowered stabilisers with 365 kg platform Imperial



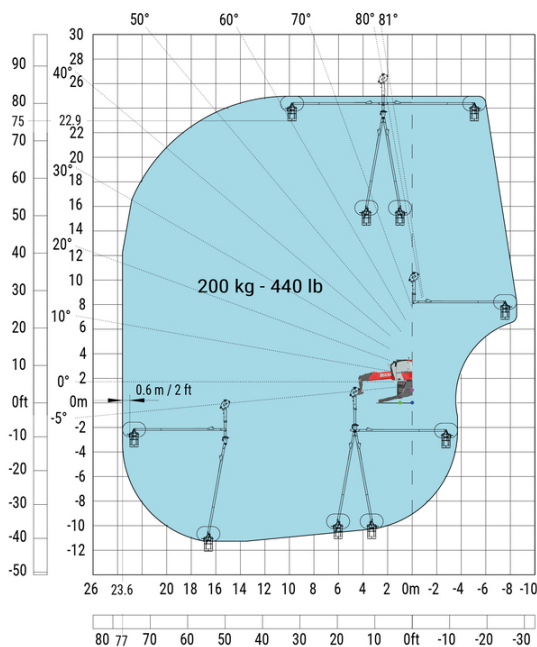
Machine on lowered stabilisers with 1000 kg platform Imperial



Machine on lowered stabilisers with 3D positive Imperial



Machine on lowered stabilisers with 3D positive / negative Imperial





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