

Technical sheet :

MRT 2660 E

OXYGEN



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|--|
| Max. capacity | Q | 6000 kg |
| Max. lifting height | | 25.90 m |
| Maximum outreach | | 21.70 m |
| Weight and dimensions | | |
| Overall length (with forks) | l1 | 9.28 m |
| Length to face of forks | l2 | 8.08 m |
| Overall width | b1 | 2.50 m |
| Overall height | h17 | 3.10 m |
| Overall cab width | b4 | 0.96 m |
| External turning radius (over tyres) | Wa1 | 4.46 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 | | |
| Stabilizers Type | | Telescopic Duplex |
| Controls for 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 rating | | 107 kW |
| Hydraulic motor power | | 84 kW |
| Charger Power / Phase / Current type | | 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 | | 8600 daN |
| Drawbar pull continuous | | 4300 daN |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| Performances | | |
| 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 |
| Vibration on hands/arms | | < 2.50 m/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 |

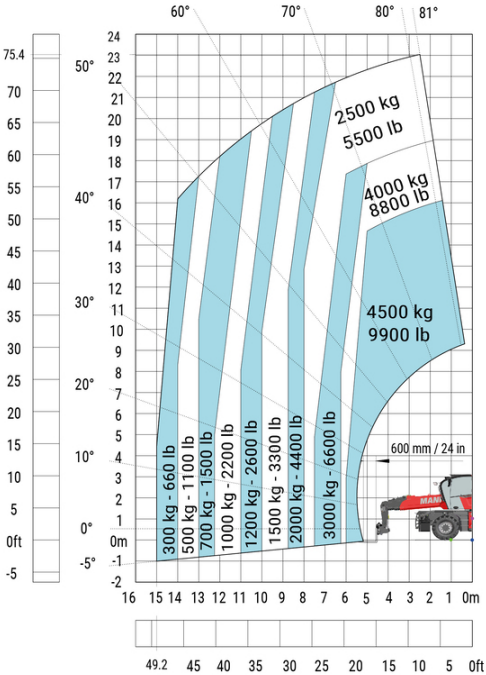
MRT 2660 e - Dimensional drawing



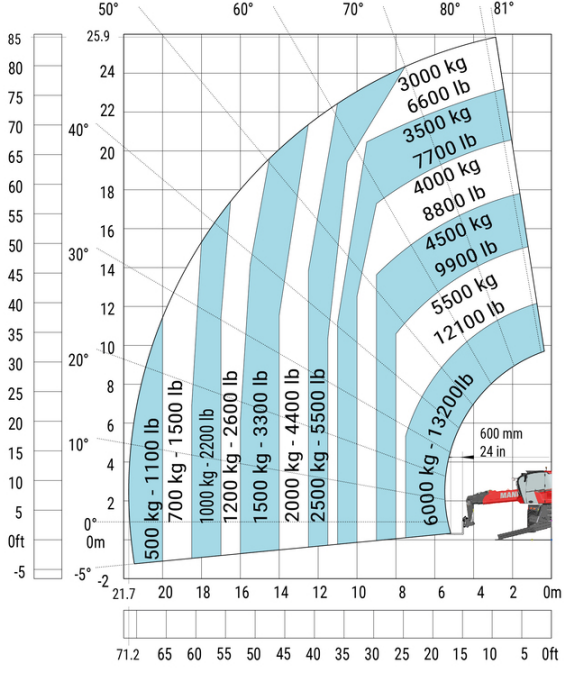
| Other data | | Metric |
|---|-----|--------|
| Length of frame | l14 | 5.69 m |
| Counterweight offset (turret at 90°) | a7 | 2.97 m |
| Overall length at stabilisers | l12 | 5.30 m |
| Overall width with stabilisers extended | b7 | 5.79 m |
| Frame leveling corrector | a9 | +/- 7° |
| Ground clearance under front tires on stabilizers | m5 | 0.43 m |

MRT 2660 e - Load chart

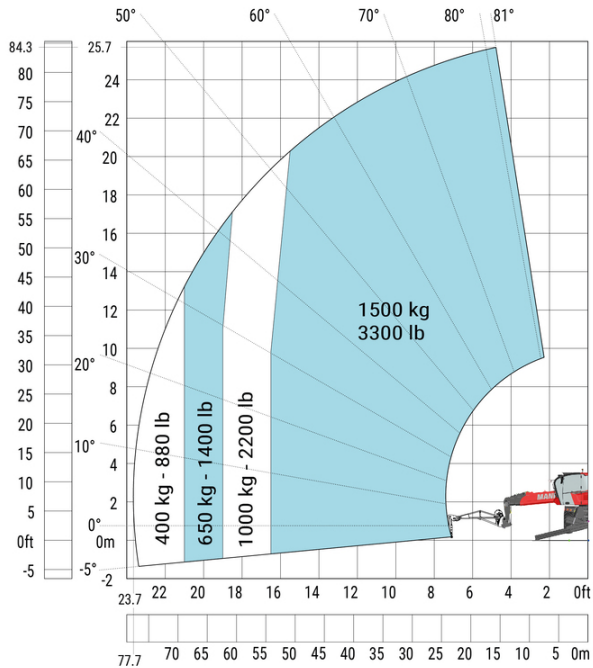
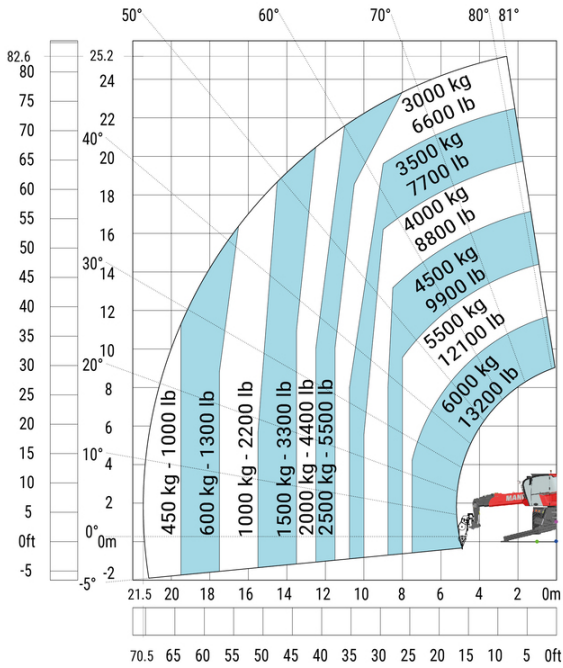
Machine on tires with forks Metric



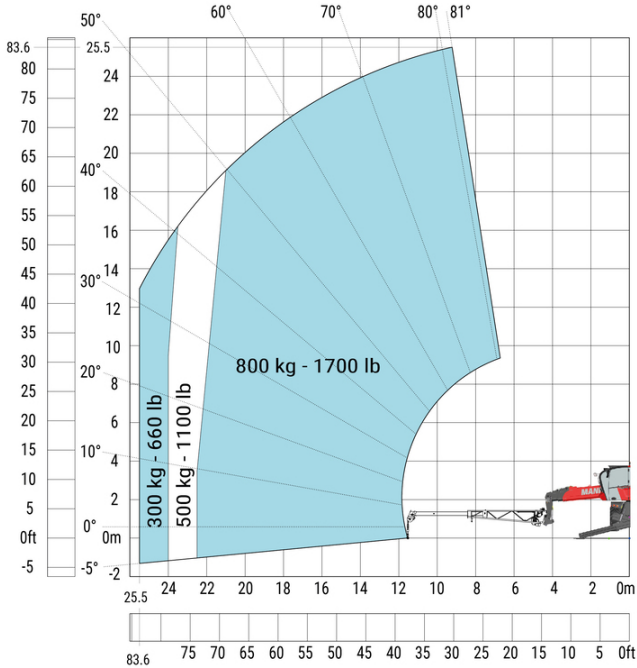
Machine on lowered stabilisers with forks (CAF) Metric



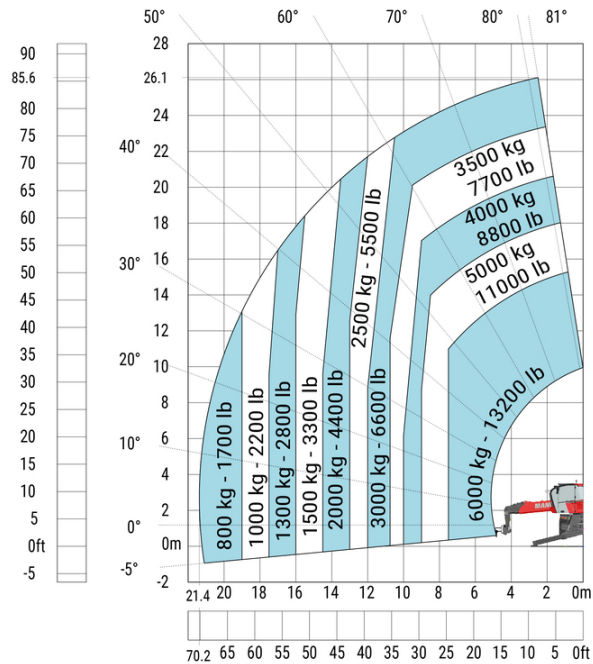
Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



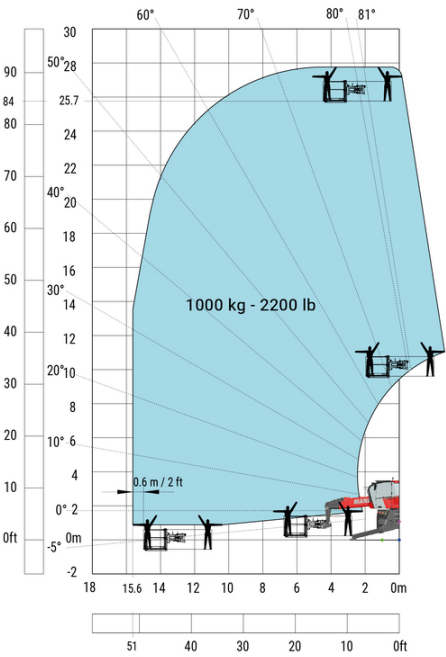
Machine on lowered stabilisers with extensible jib with winch (Metric)



Machine on lowered stabilisers with hook 6000 kg (Metric)

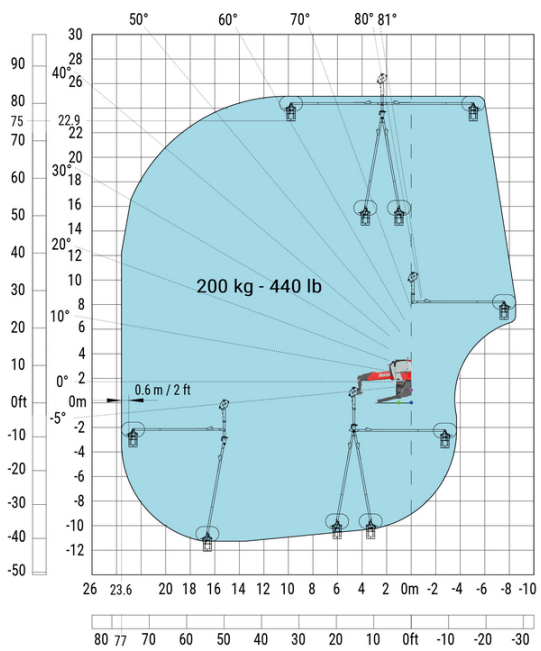
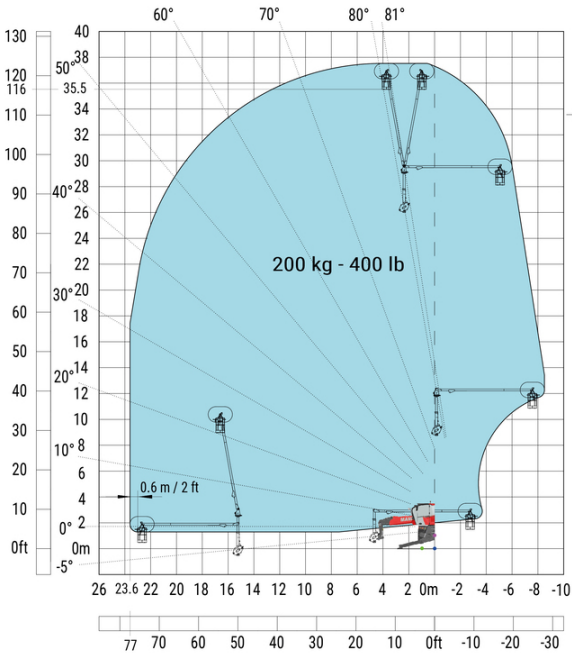


Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric



Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D positive / negative Metric



Equipment

- Optional
- Additional battery high voltage 65 kWh
- Extra generator 18.4 kW

Equipment: E-xtra generator 18.4 kW

| Engine | | Metric |
|---|--|---------------------------|
| Engine brand / norm | | Yanmar / Stage V / Tier 4 |
| Engine model | | 3TNV80F-ZXKMU |
| Engine power (Hp) | | 25 Hp |
| Engine power (kW) | | 18.40 kW |
| Number of cylinders - Capacity of cylinders | | 3 - 1267 cm ³ |
| Max. torque / Engine rotation (min) | | 74.50 Nm @ 1900 rpm |
| Engine rotation | | 2800 rpm |
| Engine cooling system | | Water cooled |
| Tank capacities | | |
| Fuel | | 65 l |
| Engine oil | | 3.40 l |



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