Technical sheet :

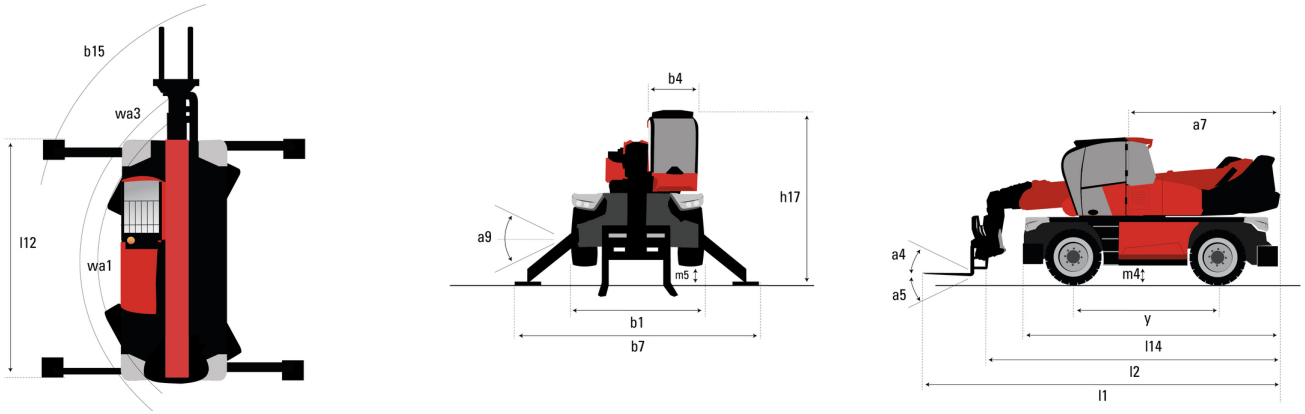
# MRT-X 1840 EASY 360°




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| Capacities | | Metric | Imperial |
|---|---|---|---|
| Max. capacity | | 4000 kg | 8818 lb |
| Max. lifting height | | 17.90 m | 58 ft 9 in |
| Max. outreach | | 15.10 m | 49 ft 6 in |
| **Weight and dimensions** | | | |
| Overall length (with forks) | l1 | 6.74 m | 22 ft 1 in |
| Length to face of forks | l2 | 5.54 m | 18 ft 2 in |
| Overall width | b1 | 2.40 m | 7 ft 10 in |
| Overall height | h17 | 2.97 m | 9 ft 9 in |
| Overall cab width | b4 | 0.95 m | 3 ft 1 in |
| Ground clearance | m4 | 0.34 m | 1 ft 1 in |
| Wheelbase | y | 2.32 m | 7 ft 7 in |
| Tilt-up angle | a4 | 12 ° | 12 ° |
| Tilt-down angle | a5 | 105 ° | 105 ° |
| Overall weight | | 13680 kg | 30159 lb |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 15 mm | 47 in x 5 in x 0.59 in |
| **Wheels** | | | |
| Tires type | | Pneumatic | Pneumatic |
| Standard tires | | 405/70-20 | 405/70-20 |
| Drive wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode | 2 wheel steer, 4 wheel steer, Crab mode |
| **Stabilisers** | | | |
| Stabs Type | | Wing Type | Wing Type |
| Controls with stabs | | Stabs Commands Individual or Simultaneous | Stabs Commands Individual or Simultaneous |
| **Engine** | | | |
| Engine brand | | Perkins | Perkins |
| Engine norm | | Stage IIIA | Stage IIIA |
| Engine model | | 1104D-44T | 1104D-44T |
| I.C. Engine power rating / Power / Engine rotation | | 101 Hp / 74.50 kW @ 1200 rpm | 101 Hp / 74.50 kW @ 1200 rpm |
| Max. torque | | 1200 Nm | 885 ft/lbs |
| Number of cylinders - Capacity of cylinders | | 3400 - 4400 cm³ | 3400 - 269 in³ |
| Injection | | engine Injection direct | engine Injection direct |
| Engine cooling system | | Water | Water |
| **Electric circuit** | | | |
| Battery voltage | | 12 V | 12 V |
| 12V Battery capacity | | 120 Ah | 120 Ah |
| **Transmission** | | | |
| Transmission type | | Hydrostatic | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 | 2 / 2 |
| Max. travel speed | | 32 km/h | 20 mph |
| Drawbar pull | | 8600 daN | 8600 daN |
| Parking brake | | Automatic Negative Hand-brake | Automatic Negative Hand-brake |
| Service brake | | Hydraulic | Hydraulic |
| **Hydraulics** | | | |
| Hydraulic pump type | | Gear pump | Gear pump |
| Hydraulic flow | | 115 l/min | 30 US gpm |
| Hydraulic Pressure | | 270 bar | 3916 PSI |
| Hydraulic tank capacity | | 8.50 l | 2 US gal |
| **Tank capacities** | | | |
| Engine oil | | 8.50 l | 2 US gal |
| Hydraulic oil | | 150 l | 40 US gal |
| Fuel tank | | 130 l | 34 US gal |
| **Noise and vibration** | | | |
| Noise at driving position (LpA) | | 79.70 dB | 79.70 dB |
| Environmental noise (LwA) | | 104 dB | 104 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² | < 2.50 m/s² |
| **Miscellaneous** | | | |
| Steering wheels (front / rear) | | 2 / 2 | 2 / 2 |
| Controls | | 2 Joysticks | 2 Joysticks |
| Safety cab homologation | | ROPS - FOPS level 2 cab | ROPS - FOPS level 2 cab |
| Attachment recognition system (E-Reco) | | Standard | Standard |

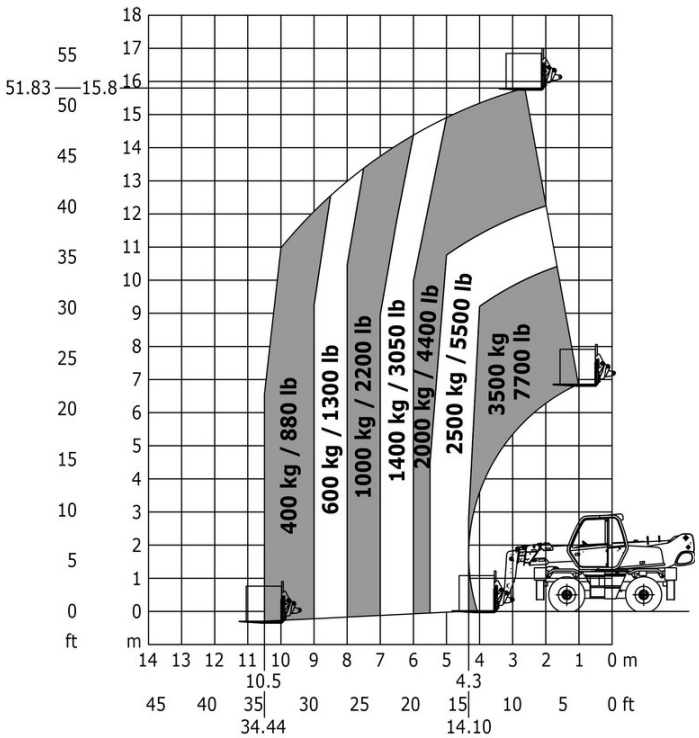
# MRT-X 1840 Easy 360° - Dimensional drawing



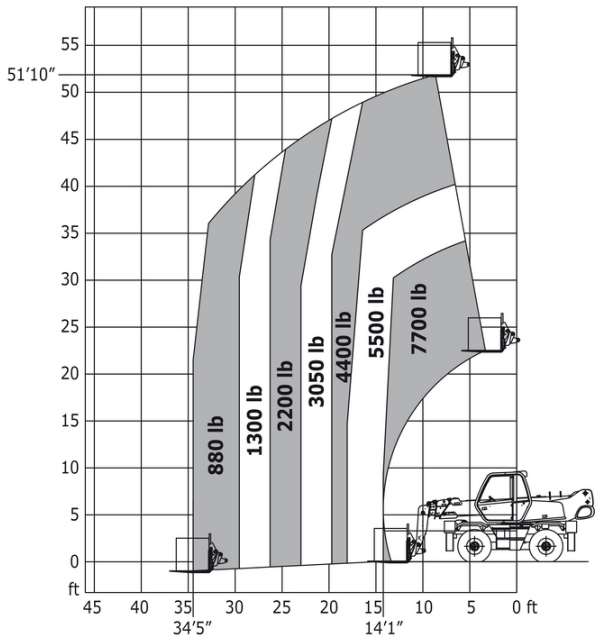

| Other data | | Metric | Imperial |
|---|---|---|---|
| Length of frame | l14 | 4.35 m | 14 ft 3 in |
| Wheelbase | y | 2.32 m | 7 ft 7 in |
| Ground clearance | m4 | 0.34 m | 1 ft 1 in |
| Counterweight offset (turret at 90°) | a7 | 2.49 m | 8 ft 2 in |
| Tilt-up angle | a4 | 12 ° | 12 ° |
| Tilt-down angle | a5 | 105 ° | 105 ° |
| Overall length at stabilisers | l12 | 4.30 m | 14 ft 1 in |
| Outer turning radius (with forks) | b15 | 5.24 m | 17 ft 2 in |
| Overall width with stabilisers extended | b7 | 3.98 m | 13 ft 1 in |
| Overall height | h17 | 2.97 m | 9 ft 9 in |
| Ground clearance under front tires on stabilizers | m5 | 0.16 m | 6 in |

# MRT-X 1840 Easy 360° - Load chart

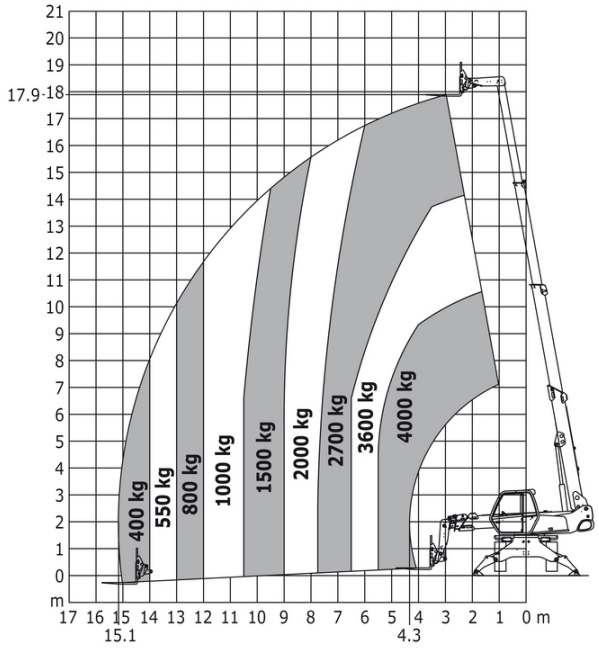
## Machine on tyres with forks Metric



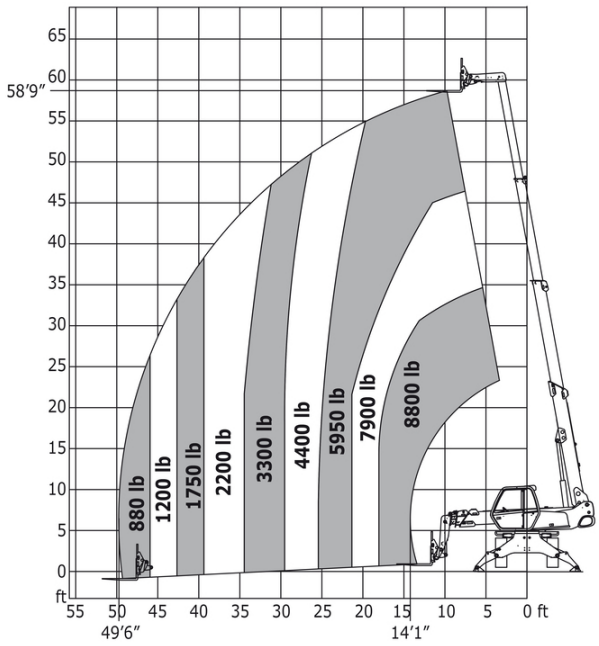

## Machine on tyres with forks Imperial



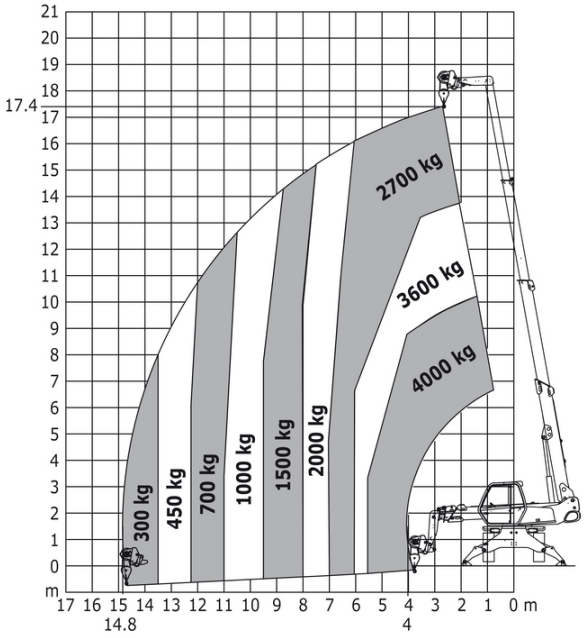
## Machine on lowered stabilisers with forks Metric



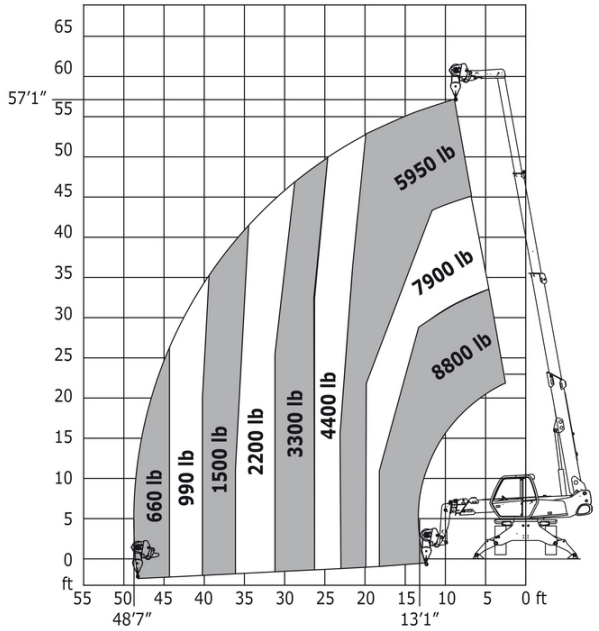

## Machine on lowered stabilisers with forks Imperial



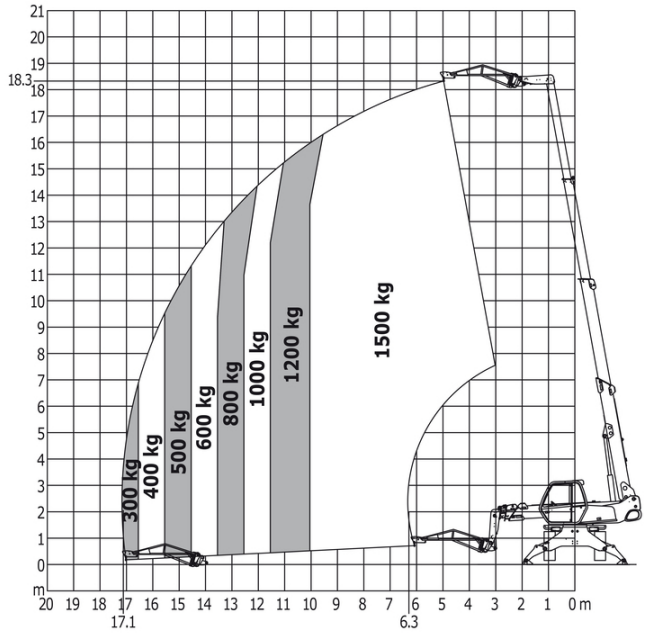

## Machine on lowered stabilisers with winch 5000 kg Metric



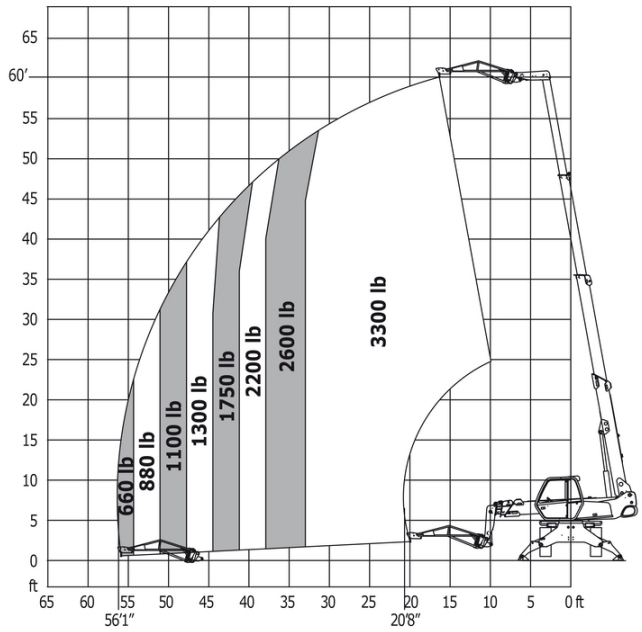

## Machine on lowered stabilisers with winch 5000 kg Imperial



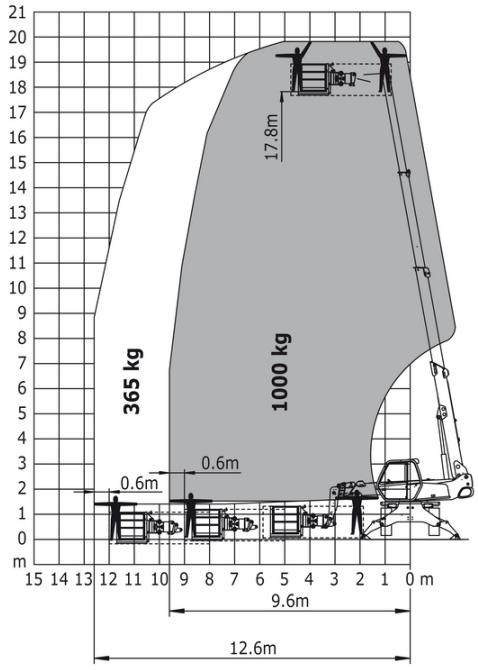
Machine on lowered stabilisers with 1500 kg jib Metric




Machine on lowered stabilisers with 1500 kg jib Imperial




Machine on lowered stabilisers with 1000 kg platform Metric



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