

Technical sheet :

# **MRT 2145 115**

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**VISION**



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HANDLING YOUR WORLD

| Capacities                                  |           | Imperial   |
|---|-----------|--|
| Max. capacity                               |           | 9921 lb  |
| Max. lifting height                         |           | 67 ft 7 in   |
| Maximum outreach                            |           | 59 ft 1 in   |
| Weight and dimensions                       |           |  |
| Overall length (with forks)                 | l1        | 26 ft  |
| Length to face of forks                     | l2        | 22 ft 1 in   |
| Overall width                               | b1        | 8 ft 2 in  |
| Overall height                              | h17       | 10 ft  |
| Overall cab width                           | b4        | 3 ft 2 in  |
| External turning radius (over tyres)        | Wa1       | 13 ft 8 in   |
| Ground clearance                            | m4        | 1 ft 3 in  |
| Wheelbase                                   | y         | 8 ft 11 in   |
| Tilt-up angle                               | a4        | 10 °   |
| Tilt-down angle                             | a5        | 107 °  |
| Turret rotation                             |           | 360 °  |
| Overall weight                              |           | 32849 lb   |
| Forks length / width / section              | l / e / s | 47 in x 5 in x 2 in                                    |
| Wheels                                      |           |  |
| Standard tires                              |           | 18-19,5  |
| Drive wheels (front / rear)                 |           | 2 / 2  |
| Steering mode                               |           | 2 wheel steer, 4 wheel steer, Crab mode                |
| Stabilisers                                 |           |  |
| Stabilizers Type                            |           | Spider Type  |
| Controls for stabs                          |           | Stabs Commands Individual or Simultaneous              |
| Engine                                      |           |  |
| Engine brand                                |           | Deutz  |
| Engine norm                                 |           | Stage V, Tier 4  |
| Engine model                                |           | TCD 3.6 L4   |
| Engine power (Hp) / power (kW) / rotation   |           | 116 Hp / 85 kW @ 2200 rpm                              |
| Max. torque / Engine rotation (min)         |           | 339 ft/lbs @ 1600 rpm                                  |
| Number of cylinders - Capacity of cylinders |           | 4 - 221 in³  |
| Engine cooling system                       |           | Water cooled   |
| Electric circuit                            |           |  |
| Number of batteries / Battery voltage       |           | 2 x 12 V   |
| 12V Battery capacity                        |           | 120 Ah   |
| Battery starting current                    |           | 850 A  |
| Transmission                                |           |  |
| Transmission type                           |           | Hydrostatic  |
| Number of gears (forward / reverse)         |           | 2 / 2  |
| Max. travel speed                           |           | 25 mph   |
| Drawbar pull                                |           | 9700 daN   |
| Parking brake                               |           | Automatic negative parking brake                       |
| Service brake                               |           | Oil-immersed multi-discs braking on front & rear axles |
| Performances                                |           |  |
| Gradeability (laden / unladen)              |           | 48.70 % / 49.80 %                                      |
| Hydraulics                                  |           |  |
| Hydraulic pump type                         |           | Variable displacement pump                             |
| Hydraulic flow                              |           | 31 US gpm  |
| Hydraulic Pressure                          |           | 3989 PSI   |
| Tank capacities                             |           |  |
| Engine oil                                  |           | 3 US gal   |
| Fuel  |           | 35 US gal  |
| Diesel Exhaust fluid (AdBlue® type)         |           | 3 US gal   |
| Noise and vibration                         |           |  |
| Noise at driving position (LpA)             |           | 68 dB  |
| Noise to environment (LWA)                  |           | 106 dB   |
| Vibration on hands/arms                     |           | 8 ft/s²  |
| Miscellaneous                               |           |  |
| Steering wheels (front / rear)              |           | 2 / 2  |
| Controls                                    |           | 2 Joysticks  |
| Cab certification                           |           | Cabin ROPS - FOPS level 2                              |
| Attachment recognition system (E-Reco)      |           | Standard   |

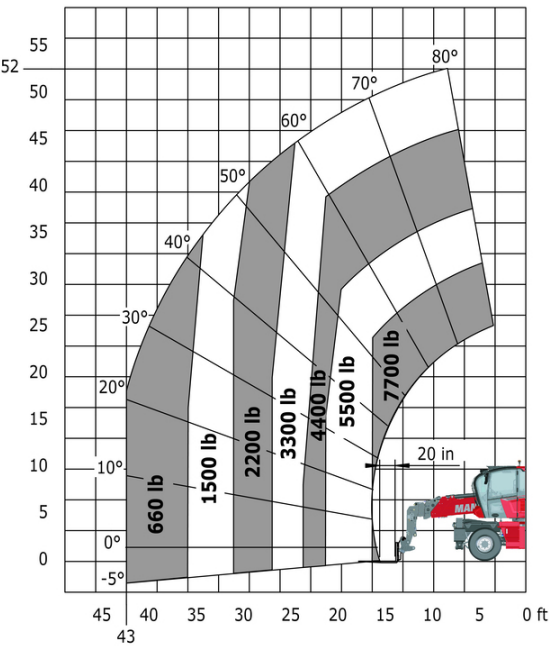
MRT 2145 115 - Dimensional drawing



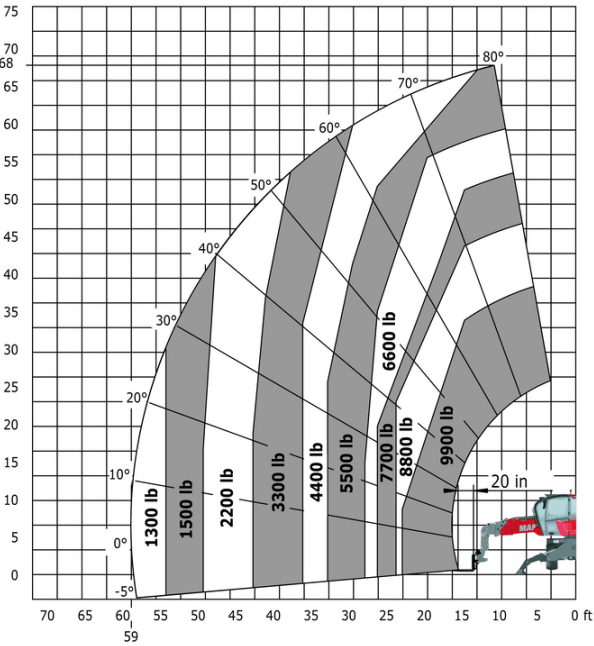
| Other data  |  |     | Imperial   |
|---|--|-----|------------|
| Length of frame                                   |  | l14 | 16 ft 4 in |
| Wheelbase   |  | y   | 8 ft 11 in |
| Ground clearance                                  |  | m4  | 1 ft 3 in  |
| Counterweight offset (turret at 90°)              |  | a7  | 8 ft 2 in  |
| Overall length at stabilisers                     |  | l12 | 15 ft 5 in |
| Overall width with stabilisers extended           |  | b7  | 16 ft 4 in |
| Ground clearance under front tires on stabilizers |  | m5  | 7 in       |

MRT 2145 115 - Load chart

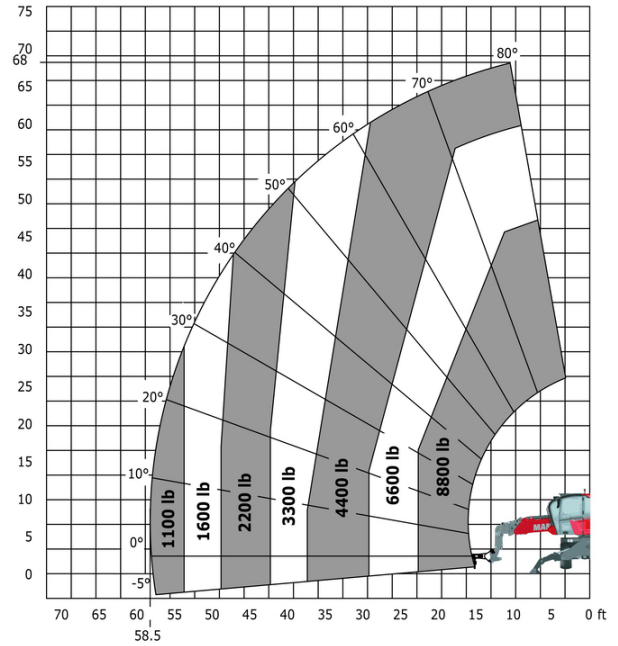
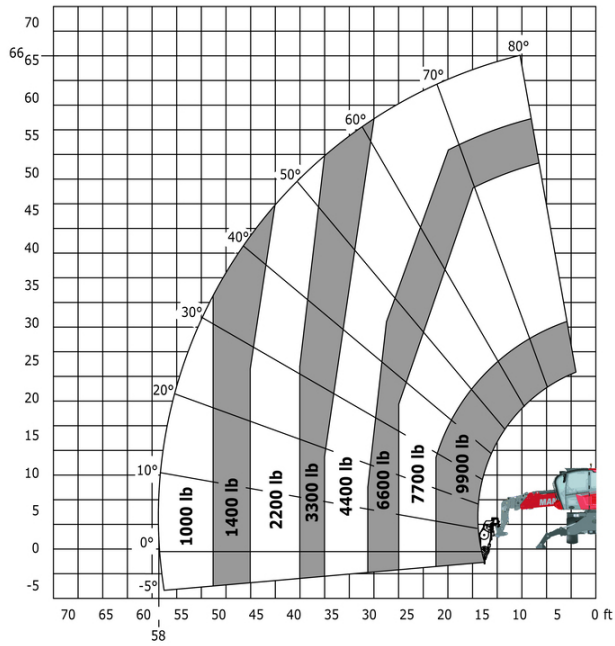
Machine on tires with forks Imperial



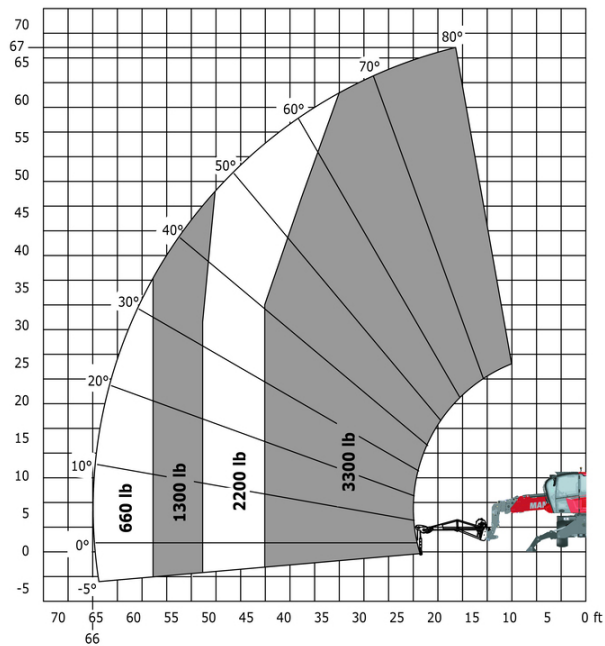
Machine on lowered stabilisers with forks Imperial



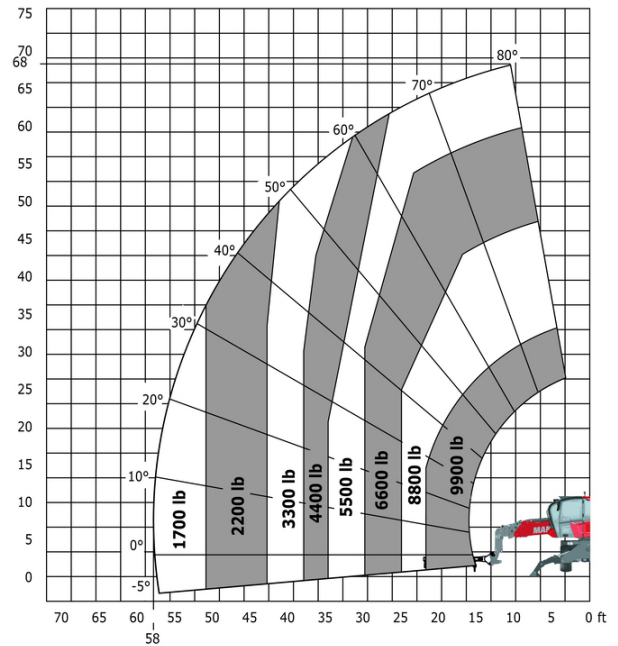
## Machine on lowered stabilisers with winch 5000 kg Imperial Machine on lowered stabilisers with 4000 kg jib (Imperial)



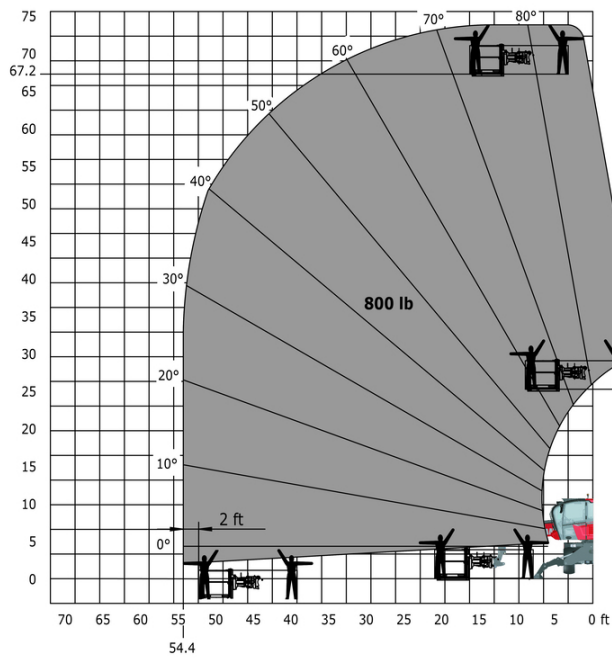
## Machine on lowered stabilisers with 1500 kg jib with winch (Imperial)



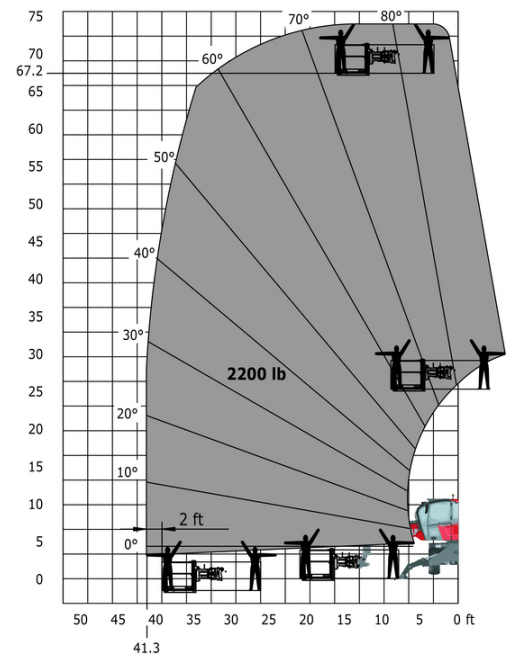
## Machine on lowered stabilisers with hook 5000 kg (Imperial)



## Machine on lowered stabilisers with 365 kg platform Imperial



## Machine on lowered stabilisers with 1000 kg platform Imperial





**Head Office**

B.P. 249 - 430 rue de l'Aubinière  
44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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