

Ficha técnica :

# MRT-X 1845

**VISION**



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Métrico  |
|---|-----------|--|
| Max. capacity                               |           | 4500 kg  |
| Max. lifting height                         |           | 18 m   |
| Max. outreach                               |           | 15.20 m  |
| Weight and dimensions                       |           |  |
| Overall length (with forks)                 | l1        | 7.26 m   |
| Length to face of forks                     | l2        | 6.06 m   |
| Overall width                               | b1        | 2.42 m   |
| Overall height                              | h17       | 3.04 m   |
| Overall cab width                           | b4        | 0.96 m   |
| Ground clearance                            | m4        | 0.37 m   |
| Wheelbase                                   | y         | 2.43 m   |
| Tilt-up angle                               | a4        | 10 °   |
| Tilt-down angle                             | a5        | 107 °  |
| Turret rotation                             |           | 400 °  |
| Overall weight                              |           | 14100 kg   |
| Forks length / width / section              | l / e / s | 1200 mm x 125 mm x 50 mm                               |
| Wheels                                      |           |  |
| Standard tires                              |           | 405/70-20  |
| Drive wheels (front / rear)                 |           | 2 / 2  |
| Steering mode                               |           | 2 wheel steer, 4 wheel steer, Crab mode                |
| Stabilisers                                 |           |  |
| Stabilizers Type                            |           | Wing Type  |
| Controls with stabs                         |           | Stabs Commands Individual or Simultaneous              |
| Engine                                      |           |  |
| Engine brand                                |           | Deutz  |
| Engine nom                                  |           | Stage IIIA   |
| Engine model                                |           | TCD 3.6 L4   |
| I.C. Engine power rating / Power            |           | 116 Hp / 85 kW   |
| Max. torque / Engine rotation (min)         |           | 460 Nm @ 1600 rpm                                      |
| Number of cylinders - Capacity of cylinders |           | 4 - 3620 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  |
| Number of gears (forward / reverse)         |           | 2 / 2  |
| 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)              |           | 46.60 % / 50.90 %                                      |
| Hydraulics                                  |           |  |
| Hydraulic pump type                         |           | Variable displacement pump                             |
| Hydraulic flow                              |           | 116 l/min  |
| Hydraulic Pressure                          |           | 275 bar  |
| Tank capacities                             |           |  |
| Engine oil                                  |           | 11 l   |
| Fuel tank                                   |           | 130 l  |
| Noise and vibration                         |           |  |
| Noise at driving position (LpA)             |           | 68 dB  |
| Noise to environment (LwA)                  |           | 106 dB   |
| Vibration on hands/arms                     |           | < 2.50 m/s²  |
| Miscellaneous                               |           |  |
| Steering wheels (front / rear)              |           | 2 / 2  |
| Controls                                    |           | 2 Joysticks  |
| Safety cab homologation                     |           | Cabin ROPS - FOPS level 2                              |
| Attachment recognition system (E-Reco)      |           | Standard   |

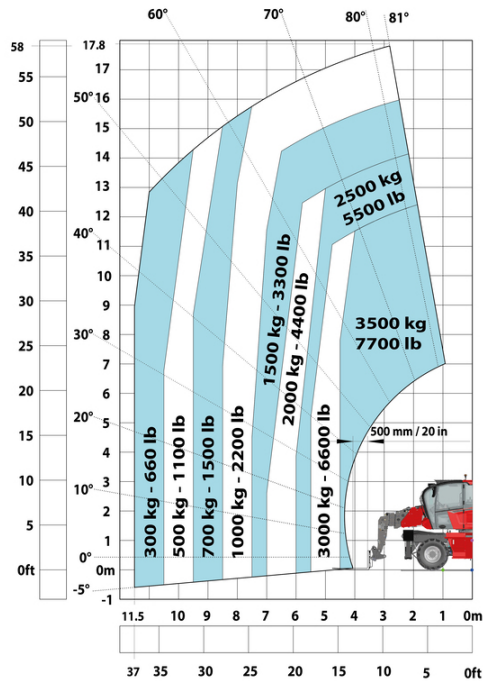
## MRT-X 1845 - Diagrama dimensional



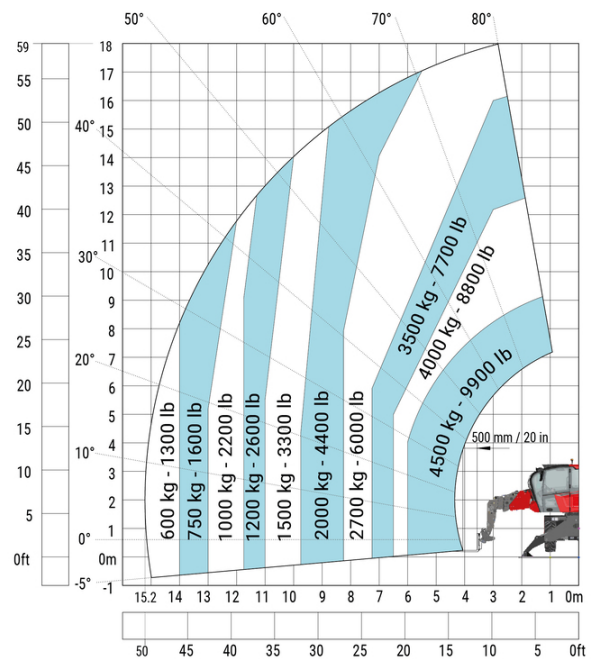
| Otros datos                                       |     | Métrico |
|---|-----|---------|
| Length of frame                                   | l14 | 4.67 m  |
| Wheelbase   | y   | 2.43 m  |
| Ground clearance                                  | m4  | 0.37 m  |
| Counterweight offset (turret at 90°)              | a7  | 2.50 m  |
| Tilt-up angle                                     | a4  | 10 °    |
| Tilt-down angle                                   | a5  | 107 °   |
| Overall length at stabilisers                     | l12 | 4.41 m  |
| External turning radius (over tyres)              | Wa1 | 3.92 m  |
| Overall width with stabilisers extended           | b7  | 4.01 m  |
| Overall height                                    | h17 | 3.04 m  |
| Ground clearance under front tires on stabilizers | m5  | 0.18 m  |

## MRT-X 1845 - Diagramas de carga

Machine on tires with forks Metric

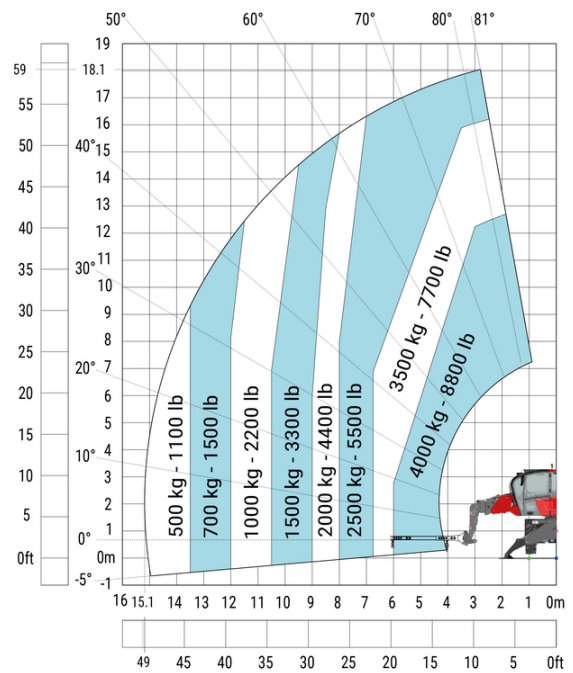


Machine on lowered stabilisers with forks Metric



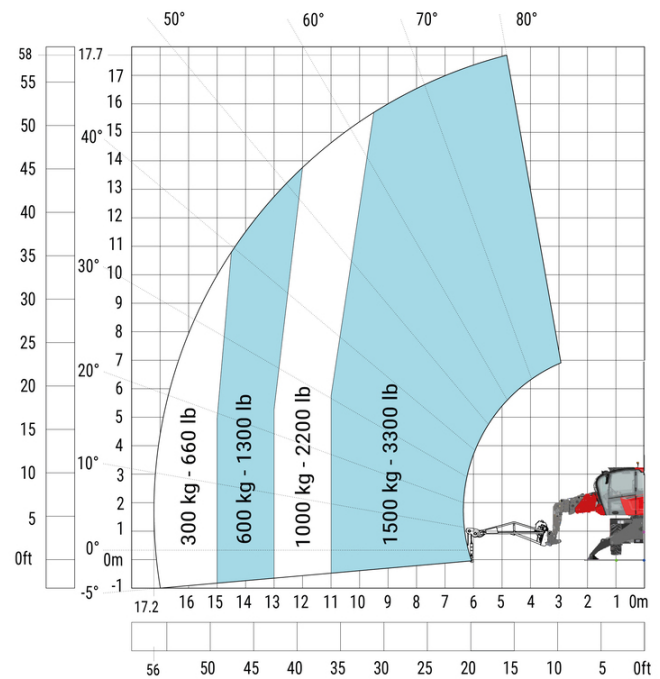
Machine on lowered stabilisers with winch 5000 kg Metric

Machine on lowered stabilisers with 4000 kg jib (Metric)

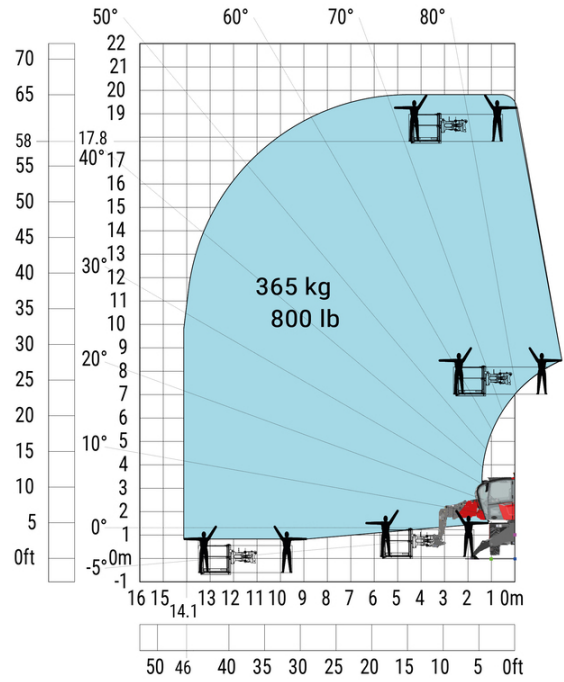
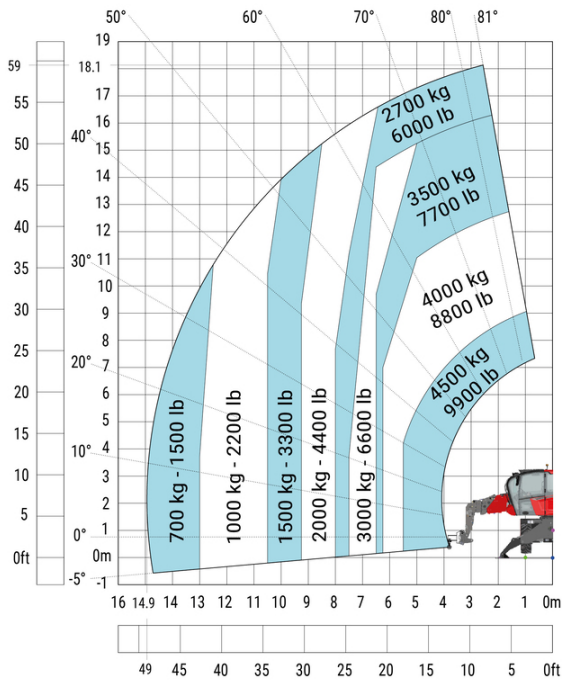


Machine on lowered stabilisers with 1500 kg jib with winch (Metric)

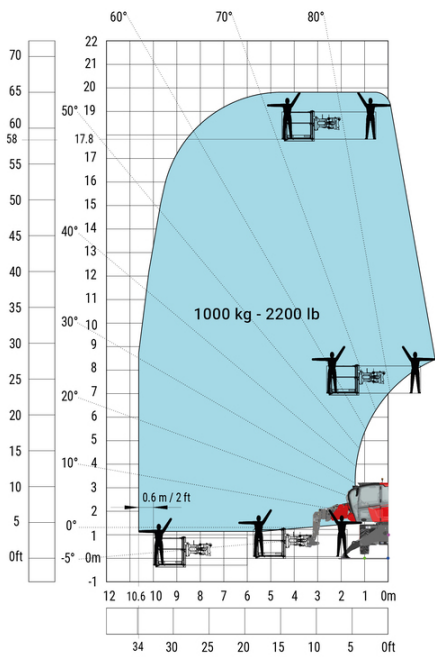
Machine on lowered stabilisers with extensible jib with winch (Metric)



Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric



Machine on lowered stabilisers with 1000 kg platform Metric





**Oficina Central**

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - Francia

Tel.: 00 33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97

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



Esta publicación describe las versiones y posibilidades de configuración de los productos Manitou que puedan diferir en equipamiento. Los equipamientos presentados en este folleto pueden ser de serie, opcionales o no estar disponibles en algunas versiones. Manitou se reserva el derecho, en cualquier momento y sin previo aviso, de modificar las especificaciones descritas y representadas. Las especificaciones aportadas no comprometen al fabricante. Para más información, póngase en contacto con su concesionario Manitou. Documento no contractual. Presentación de los productos no contractual. Lista de especificaciones no exhaustiva. Los logos y la identidad visual de la empresa son propiedad de Manitou y no pueden ser utilizados sin autorización. Todos los derechos reservados. Las fotos y los esquemas contenidos en este folleto se ofrecen para consulta y a título indicativo solamente.

Manitou BF SA - Sociedad anónima con Consejo de Administración - Capital social: 39 668 399 euros - 857 802 508 RCS Nantes