

Technical sheet :

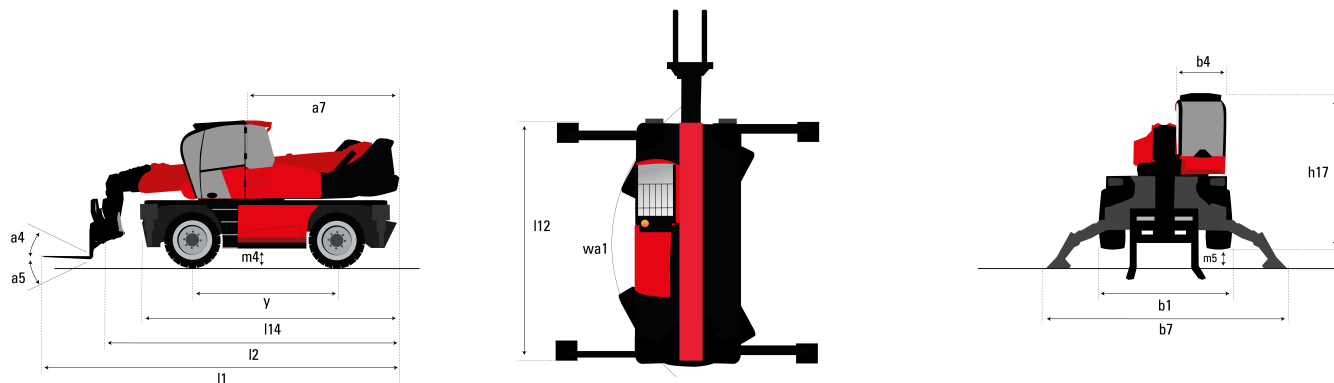
MRT 1645 75

VISION



Capacities		Imperial
Max. capacity	Q	9920 lbs
Max. lifting height	h3	52 ft 2 in
Max. Reach	l4	44 ft
Weight and dimensions		
Overall width	b1	8 ft
Overall height	h17	10 ft
Overall cab width	b4	3 ft 2 in
Ground clearance	m4	1 ft 3 in
Wheelbase	y	0.096 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Turret rotation		400 °
Overall weight		29332 lbs
Forks length / width / section	l / e / s	3 ft 11 in x 5 in x 2 in
Wheels		
Standard tyres		405/70-20
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Deutz
Engine norm		EU Stage V / US EPA Tier 4
Engine model		TCD 3.6 L4
I.C. Engine power rating / Power (kW)		75 Hp / 55.4 kW
Max. torque / Engine rotation (min)		405 Nm @ 1300 rpm
Number of cylinders - Capacity of cylinders		4 - 220.90 in³
Engine cooling system		Water cooled
Number of batteries / Battery / Batteries capacity		2 x 12 V / 120 Ah
Battery starting current		(EN)850 A
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 2
Max. travel speed		15.5 mph
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Load sensing pump
Hydraulic flow		116 l/min
Hydraulic Pressure		18 PSI
Tank capacities		
Engine oil		2.90 US gal
Hydraulic oil		38.04 US gal
Fuel tank		34.34 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS cab (level 2)
Attachment recognition system (E-Reco)		Standard

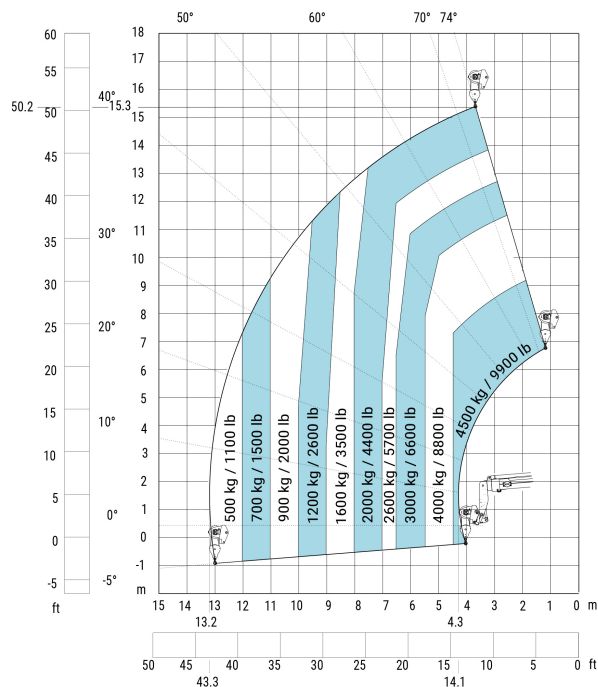
Dimensional drawing



Other data		Imperial
Overall length (with forks)	l1	24 ft 10 in
Length to face of forks	l2	20 ft 11 in
Length of frame	l14	14 ft 10 in
Wheelbase	y	0.096 in
Ground clearance	m4	1 ft 3 in
Counterweight offset (turret at 90°)	a7	8 ft 2 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Overall length at stabilisers	l12	14 ft 6 in
External turning radius (over tyres)	Wa1	11 ft 10 in
Overall width	b1	8 ft
Overall width with stabilisers extended	b7	13 ft 2 in
Overall cab width	b4	3 ft 2 in
Overall height	h17	10 ft
Ground clearance under front tires on stabilizers	m5	7 in

Load chart

Machine on lowered stabilisers with winch 5000 kg Imperial





Siège Social

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



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes