

Technical sheet :

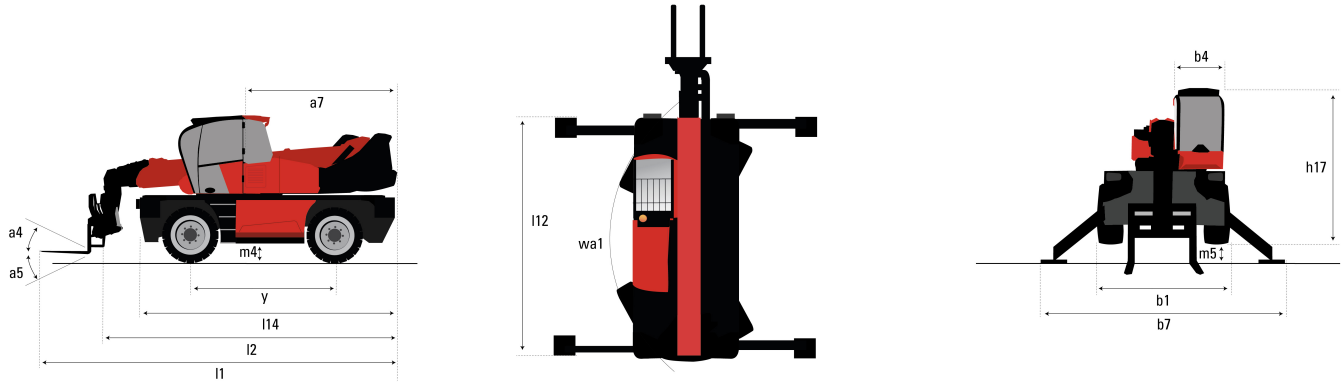
MRT 1645 75

VISION



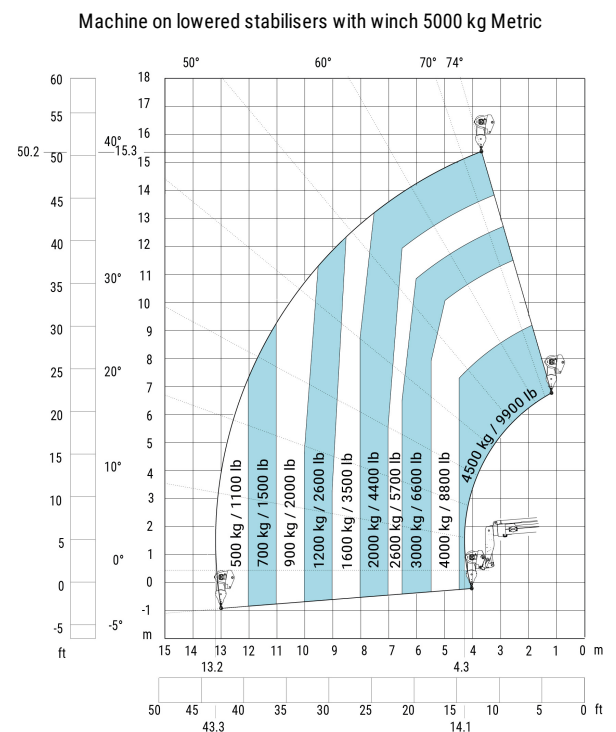
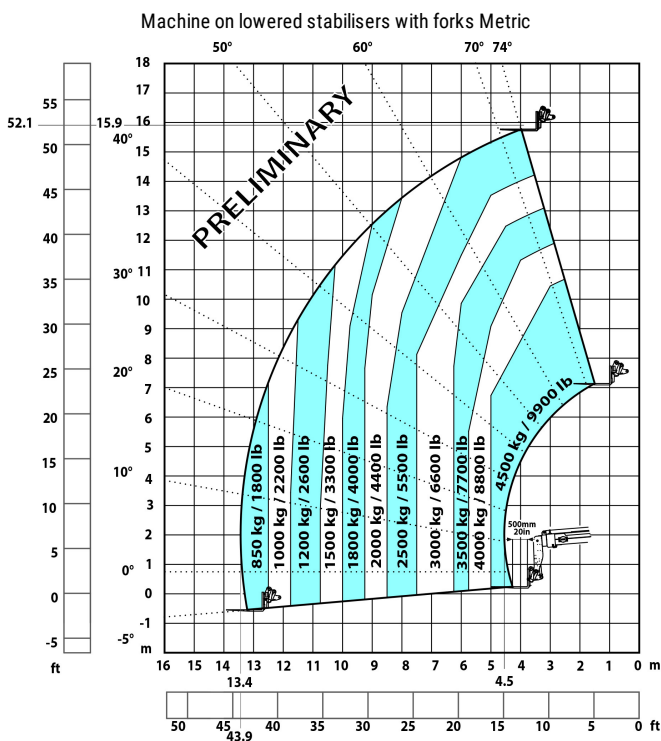
Capacities		Metric
Max. capacity	Q	4500 kg
Max. lifting height	h3	15.9 m
Max. Reach	l4	13.4 m
Weight and dimensions		
Overall width	b1	2.45 m
Overall height	h17	3.04 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.37 m
Wheelbase	y	2.43 mm
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Turret rotation		400 °
Overall weight		13305 kg
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
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 - 3620 cm³
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		25 km/h
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		275 Bar
Tank capacities		
Engine oil		11 l
Hydraulic oil		144 l
Fuel tank		130 l
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

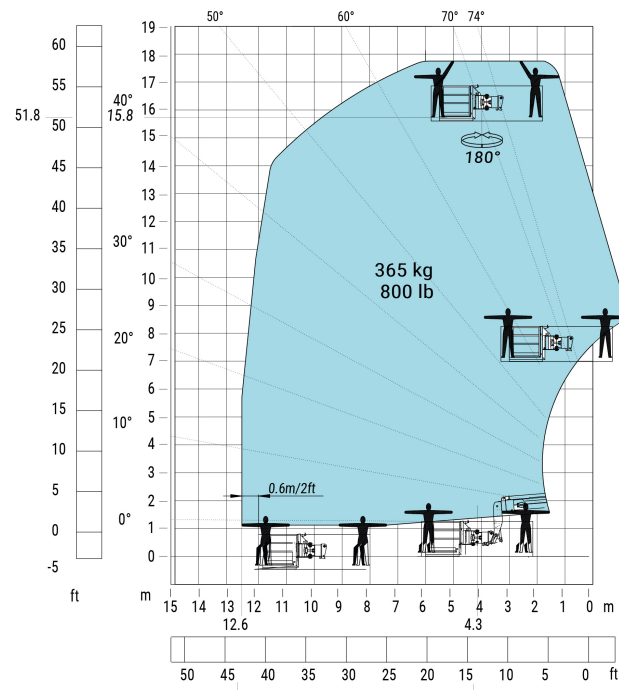


Other data		Metric	
Overall length (with forks)		l_1	7.58 m
Length to face of forks		l_2	6.38 m
Length of frame		l_{14}	4.53 m
Wheelbase		y	2.43 mm
Ground clearance		m_4	0.37 m
Counterweight offset (turret at 90°)		a_7	2.5 m
Tilt-up angle		a_4	12 °
Tilt-down angle		a_5	105 °
Overall length at stabilisers		l_{12}	4.41 m
External turning radius (over tyres)		Wa_1	3.6 m
Overall width		b_1	2.45 m
Overall width with stabilisers extended		b_7	4.01 m
Overall cab width		b_4	0.96 m
Overall height		h_{17}	3.04 m
Ground clearance under front tires on stabilizers		m_5	0.18 m

Load chart



Machine on lowered stabilisers with 365 kg platform Metric





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