

Technical sheet :

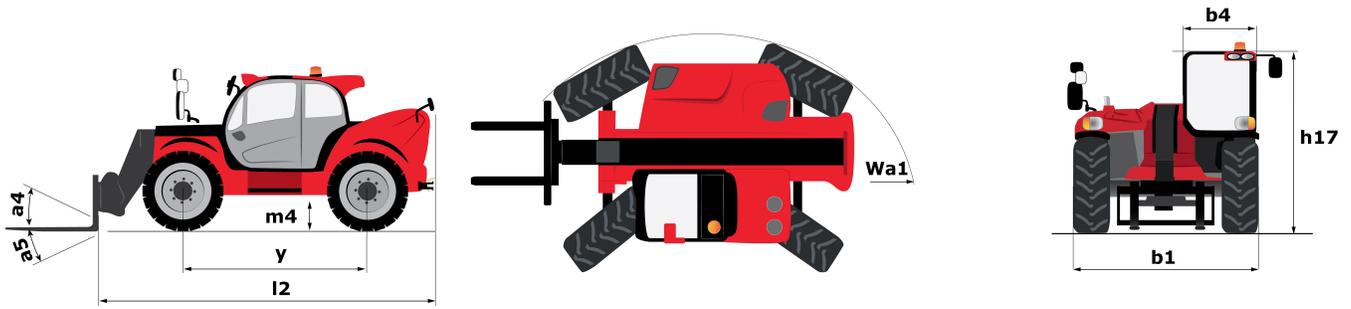
# **MTA 6642 S3**

---

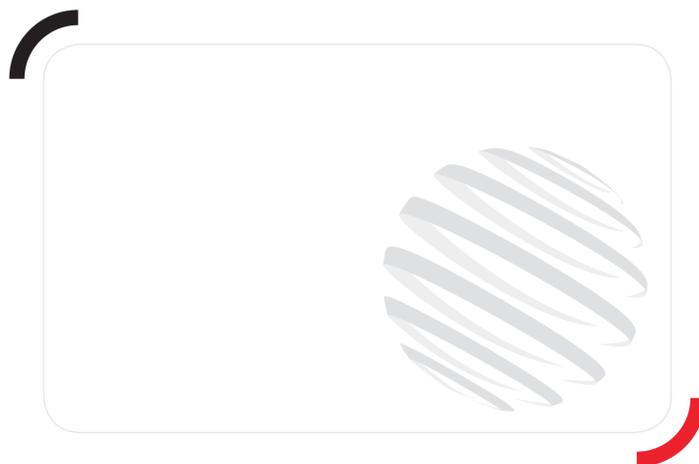


Capacities		Imperial
Max. capacity	Q	6601 lbs
Max. lifting height	h3	42 ft
Max. Reach	l4	28 ft 3 in
Weight and dimensions		
Overall length to carriage	l11	19 ft 1 in
Overall width	b1	8 ft 2 in
Overall height	h17	7 ft 8 in
Wheelbase	y	9 ft 11 in
Ground clearance	m4	15.984 in
Overall cab width	b4	32.992 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	112 °
External turning radius	Wa3	13 ft 9 in
External turning radius (over tyres)	Wa1	13 ft 9 in
Unladen weight (with forks)		22002 lbs
Standard tyres		13 x 24
Frame levelling longitudinal +/-		10 °
Performances		
Lifting		11 s
Lowering		8 s
Extension		14 s
Retraction		12 s
Crowd		7 s
Dump		4 s
Engine		
Engine brand		Cummins
Engine nom		Tier IV Final
Engine model		QSF 3.8
Number of cylinders / Capacity of cylinders		4 - 0.23 in <sup>3</sup>
Power (kW)		89 kW
Max. torque		488 Nm
Transmission		
Transmission type		Torque Converter with powershift
Number of gears (forward / reverse)		3 / 3
Parking brake		Sahr
Service brake		Wet disc brakes
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		157 l/min / 14 PSI
Tank capacities		
Engine oil		3.88 US gal
Hydraulic oil		44.91 US gal
Fuel tank		47.03 US gal
DEF tank capacity		5.02 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety cab homologation		ROPS/FOPS
Controls		Single Joystick FNR

## Dimensional drawing



## Load chart



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](http://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