

Technical sheet :

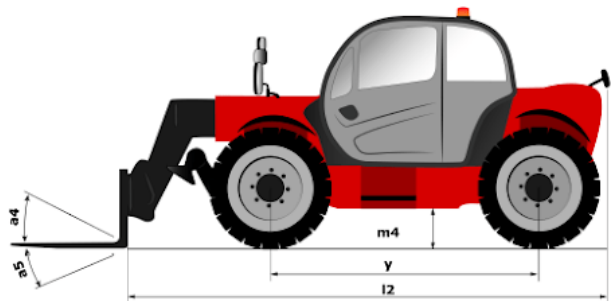
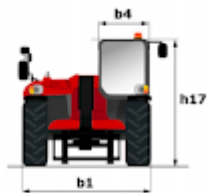
MTA 12055 SERIE 3



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		12000 lb
Max. lifting height		55 ft 5 in
Maximum outreach		40 ft 9 in
Breakout force with bucket		62.20 daN
Weight and dimensions		
Overall length to carriage	l11	21 ft
Overall width	b1	8 ft 2 in
Overall height	h17	8 ft 6 in
Wheelbase	y	130 in
Ground clearance	m4	16 in
Overall cab width	b4	34 in
Tilt-up angle	a4	30 °
Tilt-down angle	a5	102 °
Unladen weight		31839 lb
Standard tires		14 x 24
Frame leveling corrector	a9	10 °
Performances		
Lifting		15 s
Lowering		11 s
Extension		15 s
Retraction		16 s
Dump		4 s
Engine		
Engine brand		Cummins
Engine norm		Tier 4 final
Engine model		QSF 3.8 Tier IV
Number of cylinders / Capacity of cylinders		4 - 0.23 in³
Engine power (Hp/kW)		119.35 Hp / 89 kW
Max. torque / Engine rotation		360 ft/lbs @ 2500 rpm
Transmission		
Transmission type		Powershift
Number of gears (forward / reverse)		4 / 4
Travel speed (laden)		23 mph
Parking brake		Hydraulic spring release SAHR
Service brake		Wet disc brakes
Axle Manufacturer		Dana
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		43 US gpm-3002 PSI
Tank capacities		
Engine oil		4 US gal
Hydraulic oil		41 US gal
Fuel		30 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		ROPS/FOPS
Controls		Single Joystick FNR

MTA 12055 serie 3 - Dimensional drawing





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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

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