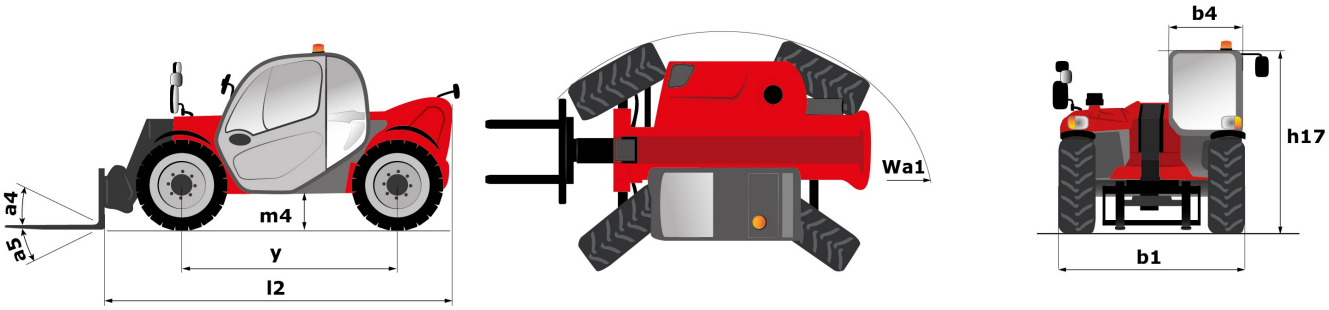
Technical sheet :

MLT 420-60 H

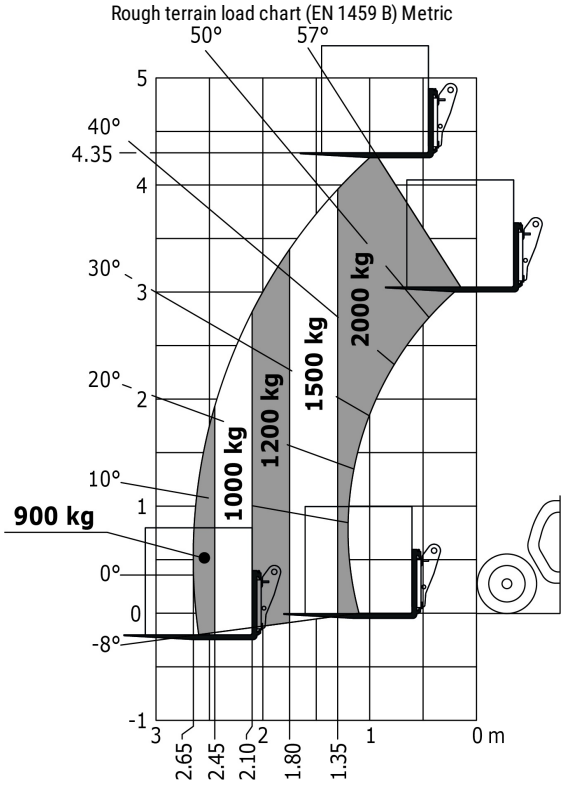
MANITOU
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	2000 kg
Max. lifting height	h3	4.35 m
Max. outreach	r1	2.65 m
Reach at max. height		1 m
Breakout force with bucket		1886 daN
Weight and dimensions		
Unladen weight (with forks)		4190 kg
Ground clearance	m4	0.24 m
Wheelbase	y	2.13 m
Overall length to carriage (with hitch)	l11	3.64 m
Front overhang		1.04 m
Overall width	b1	1.49 m
Overall cab width	b4	0.8 m
Overall height	h17	1.97 m
Tilt-down angle	a5	116 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.06 m
Standard tyres		Camso SKS-532 - 12 - 16.5-12PR
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Performances		
Lifting		5 s
Lowering		3.5 s
Extension		4.8 s
Retraction		3 s
Crowd		3.3 s
Dump		2.7 s
Engine		
Engine brand		Kubota
Engine norm		Stage V
Engine model		V2607-CR-E5B
Number of cylinders - Capacity of cylinders		4 - 2615 cm³
I.C. Engine power rating / Power (kW)		57 Hp / 42 kW
Max. torque / Engine rotation		174 Nm @1600 rpm
Drawbar pull (Laden)		2850 daN
Reversible fan		Standard
Engine cooling system		2 radiators water + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		25 km/h
Differential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		77 l/min - 235 Bar
Tank capacities		
Hydraulic oil		70 l
Fuel tank		60 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB(A)
Environmental noise (LwA)		104 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Tractor homologation		
Safety cab homologation		Cab ROPS - FOPS Level 1
Controls		JSM

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

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 thisbrochure 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