Technical sheet:

ULM 415 H



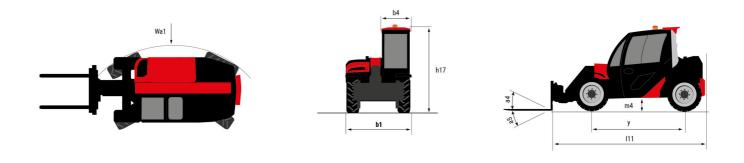


	ULM 415 н Created on December 4, 2024 at 8:0	b AIVI U
Capacities	Metric	
Max. capacity	Q 1500 kg	
Max. lifting height	h3 4.30 m	
Max. outreach	2.62 m	
Reach at max. height	1 m	
Breakout force with bucket	1880 daN	
Weight and dimensions		
Shipping mass (min. / max.)	2700 kg / 2900 kg	
Ground clearance	m4 0.29 m	
Wheelbase	y 2.13 m	
Overall length to carriage (with hitch)	l11 3.47 m	
Overall length to carriage (without hitch)	13 3.47 m	
Front overhang	0.77 m	
Overall width	b1 1.49 m	
Overall cab width	b4 0.66 m	
	h17 1.92 m	
Overall height		
Tilt-down angle		
Tilt-up angle		
External tuming radius (over tyres)	Wa1 2.62 m	0440
Standard tires	CAMSO - MPT 552 - 10.0/75-15.3 1	Z4A8
Performances	0.00	
Lifting	8.80 s	
Lowering	7 s	
Extension	6.40 s	
Retraction	4.30 s	
Crowd	3.40 s	
Dump	2.60 s	
Engine		
Engine brand	Yanmar	
Engine norm	Stage V / Tier 4 final	
Engine model	3TNV88C-DMU	
Number of cylinders - Capacity of cylinders	3 - 1642 cm³	
I.C. Engine power rating / Power	35.10 Hp / 26.20 kW	
Max. torque / Engine rotation	105 Nm @1950 rpm	
Drawbar pull (Laden)	2000 daN	
Reversible fan	Option	
Engine cooling system	3 radiators (water + hydraulic oil +	fuel)
HVO validated (according to EN 15940 standard)	Yes	
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 and re	ear axles
Parking brake	Automatic negative parking bra	ke
Service brake	Hydraulic servo brake	
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow - Pressure	48 I/min - 235 bar	
Flow sharing distributor	Standard	
Tank capacities		
Hydraulic tank capacity	39	
Fuel tank	351	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	76 dB	
Noise to environment (LwA)	104 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous	< 2.50 III/\$ ²	
	ROPS - FOPS cab (level 1)	
Safety cab homologation	KUPS - FUPS CaD (level 1)	

Optional tires tab

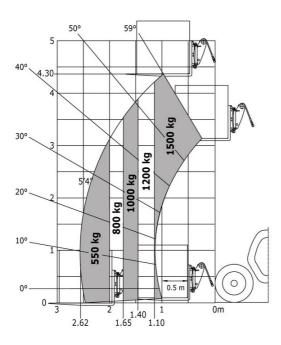
	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	1.95 m	1.49 m
CAMSO - SKS732 - 12-16.5 145A2	1.96 m	1.49 m
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.96 m	1.50 m
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	1.96 m	1.50 m
MITAS - TR-07 - 31x15 50-15 121A8	1 93 m	1.56 m

ULM 415 H - Dimensional drawing



ULM 415 H - Load chart

Machine on tires with forks Metric







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