Technical sheet:

# **ULM 415 H**





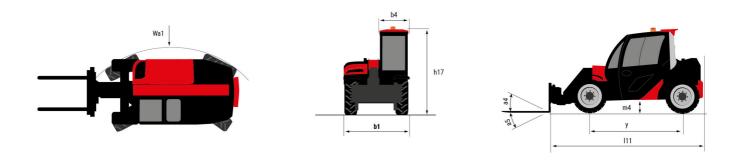
	ULM 415 H Create	<b>ULM 415 н</b> Created on September 5, 2023 at 8:37:33 АМ U		
Capacities		Metric		
Max. capacity	Q	1500 kg		
Max. lifting height	h3	4.30 m		
Max. outreach		2.62 m		
Reach at max. height		1 m		
Breakout force with bucket		1880 daN		
Weight and dimensions				
Shipping mass (min. / max.)		2700 kg / 2900 kg		
Ground clearance	m4	0.29 m		
Wheelbase	у	2.13 m		
Overall length to carriage (with hitch)	, I11	3.47 m		
Overall length to carriage (without hitch)	13	3.47 m		
Front overhang	.0	0.77 m		
Overall width	b1	1.49 m		
Overall cab width	b4	0.66 m		
Overall height	h17	1.92 m		
Filt-down angle	a5	116 °		
		23 °		
Filt-up angle	a4 Wo1			
External turning radius (over tyres)	Wa1	2.62 m		
Standard tyres		CAMSO - MPT 552 - 10.0/75-15.3 124A8		
Performances		• • •		
ifting .		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		
.C. Engine power rating / Power (kW)		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)		
Transmission				
Fransmission 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 rear axles		
Parking brake		Automatic negative parking brake		
Service brake		Hydraulic servo brake		
Hydraulics				
Hydraulic pump type		Gear pump		
Hydraulic flow - Pressure		48 l/min - 235 bar		
Flow sharing distributor		Standard		
Fank capacities				
Hydraulic oil		39 I		
- Fuel tank		35 I		
Noise and vibration				
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB		
Environmental noise (LwA)		70 dB 104 dB		
Vibration to whole hand/arm		< 2.50 m/s <sup>2</sup>		
Miscellaneous		2.00 Hy 0		
Safety cab homologation		Cabin ROPS - FOPS Level 1		
surery out nomologation		OUDIN NOT 3 - 1 OF 3 LEVEL 1		

## Options / Finishing

S: Standard / O: Optional / -: Not available

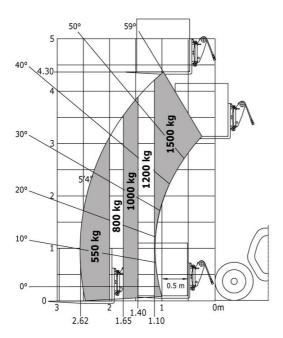
	Essential	Classic	Premium
Operator station			
"Harmony" screen	S	S	•
Automatic parking brake	S	S	
Bluetooth USB car radio with integrated microphone (100 W)	0	0	-
Inner rear view mirror	0	S	
Joystick Switch and Move (JSM)	S	S	
Low frequency air suspension cloth-covered seat (GRAMMER)	0	0	-
Mechanical cloth-covered seat	S	-	0
Phone support	0	S	-
Rear window with de-icing	S	S	-
Tuner car radio (50 W)	0	<u> </u>	
Motorization/Power			
Continuous flow hydraulics	0	0	-
Speed limiter	0	0	
Secondary functions			
1 pair of pre-fitted Double Action rear hydraulic couplers	0	S	-
Lighting			
Poultry farming blue lights (x2)	0	0	-
Security			
Sun visor on windshield and roof	0	S	-

ULM 415 H - Dimensional drawing



### ULM 415 H - Load chart

### Machine on tyres 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