Technical sheet :

ULM 415 H

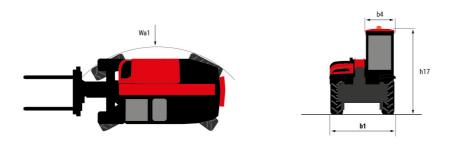


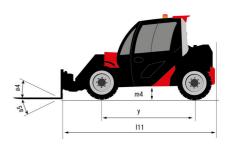


LM 415 H Created on September 1	15,	2025 a	at 1	10:12	AM	UTC
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Capacities		Metric	
Max. capacity	Q	1500 kg	
Max. lifting height	h3	4.30 m	
Maximum outreach		2.62 m	
Reach at max. height		1 m	
Breakout force with bucket		1880 daN	
Weight and dimensions			
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)	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	
Overall height	h17	1.92 m	
Tilt-down angle	a5	116 °	
	a3 a4	23 °	
Tilt-up angle External turning radius (over tyres)	a4 Wa1	2.62 m	
	Wai	2.62 m CAMSO - MPT 552 - 10.0/75-15.3 124A8	
Standard tires		CAMSU - MPT 552 - 10.0/75-15.3 124A8	
Performances			
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		163	
Transmission type		Hydrostatic	
<i></i>			
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	
Tank capacities			
Hydraulic tank capacity		39	
Fuel tank		35	
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	
		< 2.50 III/S ²	
Miscellaneous			
Cab certification		ROPS - FOPS cab (level 1) JSM	

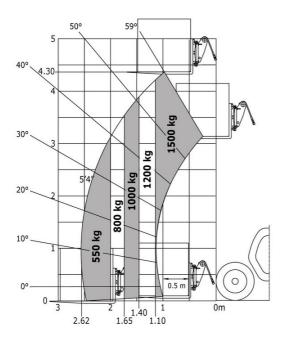
ULM 415 H - Dimensional drawing





ULM 415 H - Load chart

Machine on tires with forks Metric





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