Technical sheet:

ULM 415 H



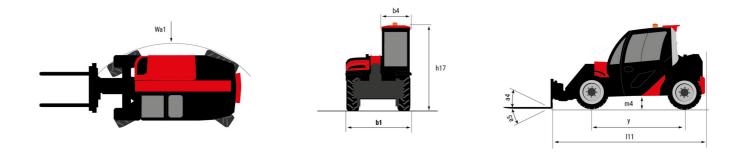


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Capacities	Metric	
Max. capacity	Q 1500 kg	
Max. lifting height	h3 4.30 m	
Maximum outreach	2.62 m	
Reach at max. height	1 m	
Breakout force with bucket	1880 daN	
Weight and dimensions		
Shipping mass (min. / max.)	2700 kg / 2900 kg	
Ground clearance	m4 0.29 m	
Wheelbase	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	
Overall height	h17 1.92 m	
Tilt-down angle	a5 116 °	
Tilt-up angle	a4 23 °	
External turning radius (over tyres)	Wa1 2.62 m	
Standard tires	CAMSO - MPT 552 - 10.0/75-15.3 124	1 / 0
Performances	CAMSO - MP1 332 - 10.0/73-13.3 124	Ao
	0.00 a	
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 + fu	el)
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 real	axle
Parking brake	Automatic negative parking brake	
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	35 I	
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/s²	
Miscellaneous	2.22 11/0	
Cab certification	ROPS - FOPS cab (level 1)	
Controls	JSM	

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



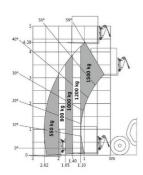
ULM 415 H - Load chart

Machine on tires with forks Metric



ULM 415 H - Abaques

Machine sur pneus avec fourches







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