Technical sheet:

ULM 415 H



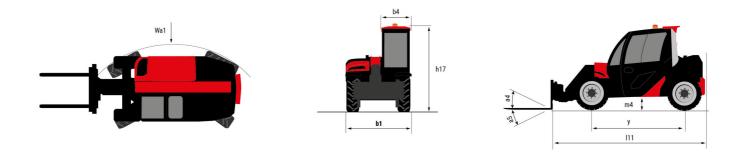


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Capacities	Metric
Max. capacity	Q 1500 kg
Max. lifting height	h3 4.30 m
Max. outreach	2.62 m
Reach at max. height	1 m
Breakout force with bucket	1880 daN
Weight and dimensions	
Shipping mass (min. / max.)	2700 kg / 2900 kg
Ground clearance	m4 0.29 m
Wheelbase	y 2.13 m
Overall length to carriage (with hitch)	I11 3.47 m
Overall length to carriage (without hitch)	I3 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	Wa1 2.02 III CAMSO - MPT 552 - 10.0/75-15.3 124A8
Performances	CAMSO - MP1 332 - 10.0/73-13.3 124A0
Lifting	8.80 s
	0.00 S
Lowering	
Extension	6.40 s
Retraction	4.30 s
Crowd	3.40 s
Dump	2.60 s
Engine	Verman
Engine brand	Yanmar
Engine norm	Stage V / Tier 4 final
Engine model	3TNV88C-DMU
Number of cylinders - Capacity of cylinders	3 - 1642 cm ³
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 rear ax
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 oil	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 to whole hand/arm	< 2.50 m/s ²
Miscellaneous	
Safety cab homologation	ROPS - FOPS level 1 cab
Controls	JSM

Optional tires tab

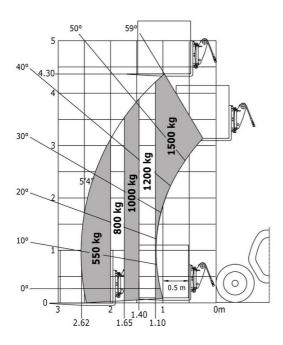
Optional tires	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	1.95 m	1.49 m
CAMSO - SKS732 - 12-16.5 145A2	1.96 m	1.49 m
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.96 m	1.50 m
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	1.96 m	1.50 m
MITAS - TR-07 - 31x15.50-15 121A8	1.93 m	1.56 m
TRELLEBORG - TH400 - 11LR16 130A8	1.95 m	1.51 m

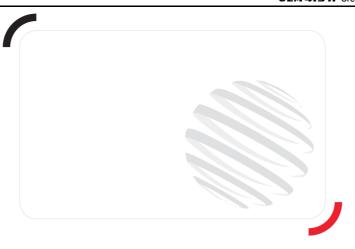
ULM 415 H - Dimensional drawing



ULM 415 H - Load chart

Machine on tyres with forks Metric







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