Technical sheet:

# **ULM 415 H**



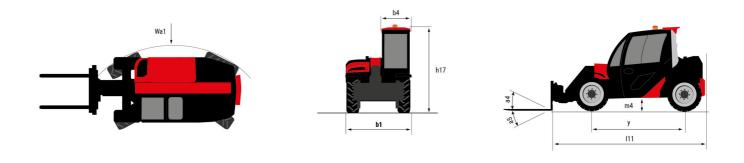


	ULM 415 H	Created on May 5, 2024 at 7:57:10 AM UT
Capacities		Metric
Max. capacity	Q	1500 kg
Max. lifting height	h3	4.30 m
Max. outreach		2.62 m
Reach at max. height		1 m
Breakout force with bucket		1880 daN
Weight and dimensions		
Shipping mass (min. / max.)		2700 kg / 2900 kg
Ground clearance	m4	0.29 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	13	0.77 m
Overall width	h1	1.49 m
	b1	
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 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		
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 axles
Parking brake		Automatic negative parking brake
Service brake		Hydraulic servo brake
Hydraulics		Tryulaulic Scivo Diake
Hydraulics Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		48 l/min - 235 bar
		48 I/min - 235 bar Standard
Flow sharing distributor		Sidilualu
Tank capacities		20.1
Hydraulic oil		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 to whole hand/arm		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Safety cab homologation		ROPS - FOPS level 1 cab
Controls		JSM

## Optional tires tab

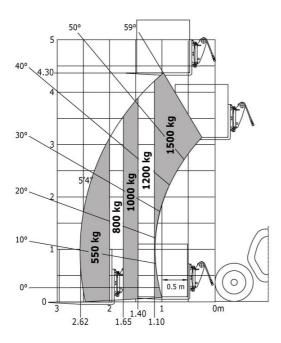
Optional tires	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	1.95 m	1.49 m
CAMSO - SKS732 - 12-16.5 145A2	1.96 m	1.49 m
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.96 m	1.50 m
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	1.96 m	1.50 m
MITAS - TR-07 - 31x15.50-15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