Technical sheet :

ULM 415 H





	ULM 415 H U	reated on August 11, 2025 at 3:11 AM L
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	Wa I	CAMSO - MPT 552 - 10.0/75-15.3 124A8
Performances		CAM30 - MFT 332 - 10.0/73-13.3 124A0
Lifting		8.80 s
Lowering		7 s
Extension		6.40 s
Retraction		4.30 s
		4.30 s 3.40 s
Crowd		
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 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		165
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		27 2 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		<u>^</u>
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		48 l/min - 235 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		391
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/s²
Miscellaneous		
Cab certification		ROPS - FOPS cab (level 1)
Controls		JSM

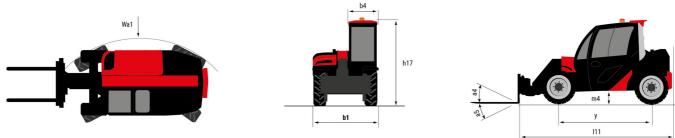
Optional tires tab

	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

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ULM 415 H - Dimensional drawing





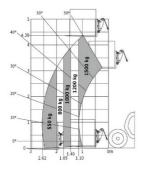
ULM 415 H - Load chart

Machine on tires with forks Metric



ULM 415 H - Abaques

Machine sur pneus avec fourches





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