Technical sheet:

ULM 412 H



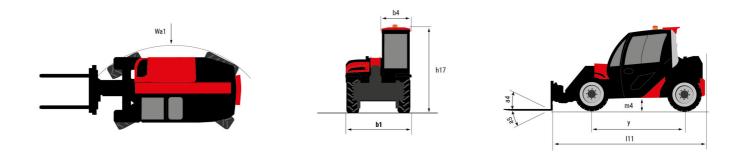


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Capacities		Metric
Max. capacity	Q	1250 kg
Max. lifting height	h3	4.30 m
Max. outreach		2.62 m
Reach at max. height		1 m
Breakout force with bucket		1880 daN
Weight and dimensions		1000 daily
Shipping mass (min. / max.)		550 kg / 2750 kg
Ground clearance	m4	0.29 m
Wheelbase		2.13 m
	y 111	
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 - M	PT 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	S	age V / Tier 4 final
Engine model		3TNV88C-DMU
Number of cylinders - Capacity of cylinders		3 - 1642 cm³
I.C. Engine power rating / Power	21	5.10 Hp / 26.20 kW
Max. torque / Engine rotation		05 Nm @1950 rpm
Drawbar pull (Laden)		2000 daN
Reversible fan	0 11	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 dif	ferential on front and rear axles
Parking brake	Automat	ic negative parking brake
Service brake	Ну	draulic servo brake
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		18 I/min - 235 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		39
Fuel tank		351
Noise and vibration		JJ 1
		76 dB
Noise at driving position (LpA) tested following NF EN 12053 norm		
Noise to environment (LwA)		104 dB
Vibration to whole hand/arm		< 2.50 m/s ²
Miscellaneous		
Safety cab homologation	ROF	S - FOPS level 1 cab
Controls		JSM

Optional tires tab

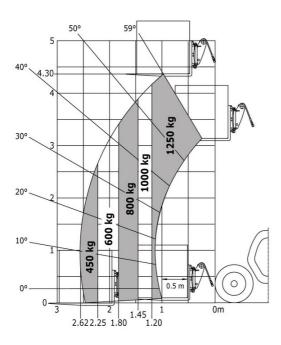
Optional tires	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	1.95 m	1.49 m
CAMSO - SKS732 - 12-16.5 145A2	1.96 m	1.49 m
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.96 m	1.50 m
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	1.96 m	1.50 m
MITAS - TR-07 - 31x15.50-15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

ULM 412 H - Dimensional drawing



ULM 412 H - Load chart

Machine on tyres with forks Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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