Technical sheet:

ULM 412 H



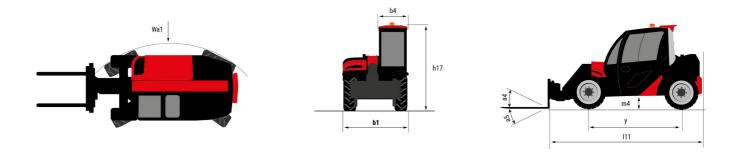


Capacities		Metric
	Q	1250 kg
Max. capacity		
Max. lifting height	h3	4.30 m
Maximum outreach		2.62 m
Reach at max. height		1 m
Breakout force with bucket		1880 daN
Weight and dimensions		
Shipping mass (min. / max.)		2550 kg / 2750 kg
Ground clearance	m4	0.29 m
Wheelbase	у	2.13 m
Overall length to carriage (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 124A8
Performances		57.11.165 11.1.1 652 16.6776 16.6 12.17.16
Lifting		8.80 s
		7 s
Lowering 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 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 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 I
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/s ²
Miscellaneous		
Cab certification		ROPS - FOPS cab (level 1)
Controls		JSM

Optional tires tab

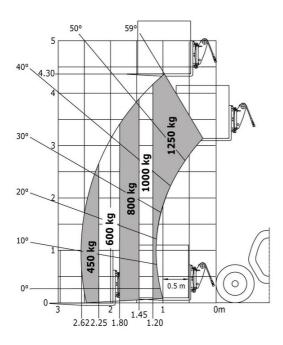
	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	1.95 m	1.49 m
CAMSO - SKS732 - 12-16.5 145A2	1.96 m	1.49 m
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.96 m	1.50 m
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	1.96 m	1.50 m
MITAS - TR-07 - 31x15 50-15 121A8	1 93 m	1 56 m

ULM 412 H - Dimensional drawing



ULM 412 H - Load chart

Machine on tires with forks Metric







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