Technical sheet:

ULM 412 H



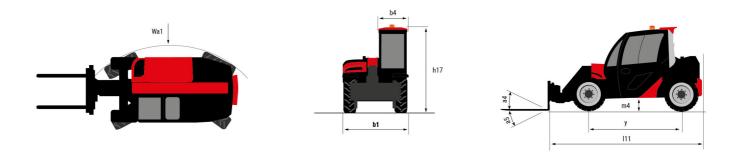


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Capacities	Metric	
Max. capacity	Q 1250 kg	
Max. lifting height	h3 4.30 m	
Max. outreach	2.62 m	
Reach at max. height	1 m	
Breakout force with bucket	1880 daN	
Weight and dimensions		
Shipping mass (min. / max.)	2550 kg / 2750 kg	
Ground clearance	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)	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 - 10.0/75-1	.5.3 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 fina	ı
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 kV	٧
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	on videly
Transmission		
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed (may vary according to applicable regulations)	27 Z 25 km/h	
		and roor aylog
Differential lock	Limited slip differential on front	
Parking brake	Automatic negative parkin	
Service brake	Hydraulic servo brak	е
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	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 to whole hand/arm	< 2.50 m/s ²	
Miscellaneous		
Safety cab homologation	ROPS - FOPS level 1 c	ab
Controls	JSM	

Optional tires tab

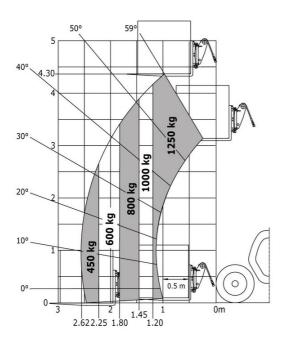
Optional tires	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	1.95 m	1.49 m
CAMSO - SKS732 - 12-16.5 145A2	1.96 m	1.49 m
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.96 m	1.50 m
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	1.96 m	1.50 m
MITAS - TR-07 - 31x15.50-15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







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