Technical sheet :

ULM 412 H

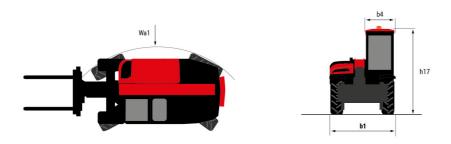


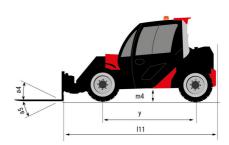


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Capacities		Metric
Max. capacity	Q	1250 kg
Max. lifting height	h3	4.30 m
Vax. outreach		2.62 m
Reach at max. height		1 m
Breakout force with bucket		1880 daN
Weight and dimensions		
Shipping mass (min. / max.)		2550 kg / 2750 kg
Ground clearance	m4	0.29 m
Wheelbase	у	2.13 m
Dverall length to carriage (with hitch)	11	3.47 m
Dverall length to carriage (without hitch)	13	3.47 m
	15	0.77 m
Front overhang		
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		
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
-		3 - 1642 cm ³
Number of cylinders - Capacity of cylinders		
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		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		48 l/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/s²
Miscellaneous		

1 m 1880 daN 2550 kg / 2750 kg 0.29 m 2.13 m 3.47 m 3.47 m 0.77 m 1.49 m 0.66 m 1.92 m 116° 23 ° 2.62 m MPT 552 - 10.0/75-15.3 124A8 8.80 s 7 s 6.40 s 4.30 s 3.40 s 2.60 s Yanmar Stage V / Tier 4 final 3TNV88C-DMU 3 - 1642 cm³ 35.10 Hp / 26.20 kW 105 Nm @1950 rpm 2000 daN Option s (water + hydraulic oil + fuel) Yes Hydrostatic 2/2 25 km/h differential on front and rear axles atic negative parking brake Hydraulic servo brake Gear pump 48 l/min - 235 bar Standard 39 I 35 I 76 dB 104 dB < 2.50 m/s² OPS - FOPS level 1 cab JSM

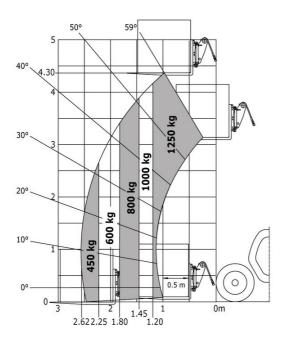
ULM 412 H - Dimensional drawing





ULM 412 H - Load chart

Machine on tyres with forks Metric





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