Technical sheet:

ULM 412 H



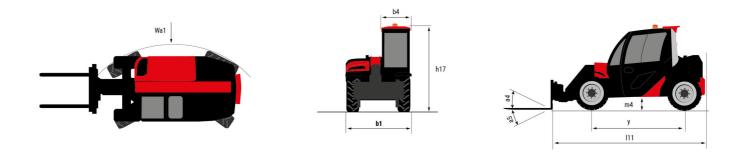


	ULM 412 H Created on October 21, 2025 at 8:08 P
Capacities	Imperial
Max. capacity	Q 2756 lb
Max. lifting height	h3 14 ft 1 in
Maximum outreach	8 ft 7 in
Reach at max. height	3 ft 3 in
Breakout force with bucket	1880 daN
Weight and dimensions	
Shipping mass (min. / max.)	5622 lb / 6063 lb
Ground clearance	m4 11 in
Wheelbase	y 7 ft
Overall length to carriage (with hitch)	I11 11 ft 5 in
Overall length to carriage (without hitch)	13 11 ft 5 in
Front overhang	2 ft 6 in
Overall width	b1 4 ft 11 in
Overall cab width	b4 2 ft 2 in
Overall height	h17 6 ft 4 in
Filt-down angle	a5 116°
Tilt-up angle	a4 23 °
External turning radius (over tyres)	Wa1 8 ft 7 in
Standard tires	CAMSO - MPT 552 - 10.0/75-15.3 124A
Performances	CAMSO - MPT 332 - 10.0/73-13.3 124A(
	8.80 s
Lifting	7 s
Lowering Extension	6.40 s
Retraction	4.30 s
Crowd	3.40 s
Dump	2.60 s
Engine Proof	Yanmar
Engine brand	
Engine norm	Stage V, Tier 4 final
Engine model	3TNV88C-DMU 3 - 100 in ³
Number of cylinders - Capacity of cylinders	
Engine power (Hp / kW)	35.10 Hp / 26.20 kW
Max. torque / Engine rotation	77 ft/lbs @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)	16 mph
Differential lock	Limited slip differential on front and rear a
Parking brake	Automatic negative parking brake
Service brake	Hydraulic servo brake
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow - Pressure	13 US gpm - 3408 PSI
Flow sharing distributor	Standard
Tank capacities	
Hydraulic tank capacity	10 US gal
Fuel tank	9 US gal
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	< 8 ft/s²
Miscellaneous	
Cab certification	ROPS - FOPS cab (level 1)
Controls	JSM

Optional tires tab

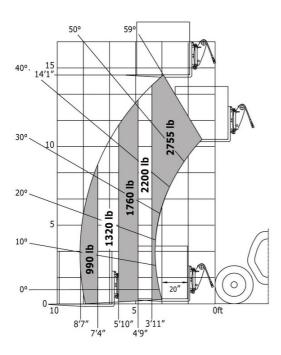
	Overall height	Overall width
ALLIANCE - A550 - 305/70 R16.5 141A5	6 ft 5 in	4 ft 11 in
CAMSO - SKS732 - 12-16.5 145A2	6 ft 5 in	4 ft 11 in
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	6 ft 5 in	4 ft 11 in
MICHELIN - BIBSTEEL HARD SURFACE - 300/70 R16.5 137A8	6 ft 5 in	4 ft 11 in
MITAS - TR-07 - 31x15 50-15 121A8	6 ft 4 in	5 ft 1 in

ULM 412 H - Dimensional drawing



ULM 412 H - Load chart

Machine on tires with forks Imperial







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