

Technical sheet :

ULM 415 H

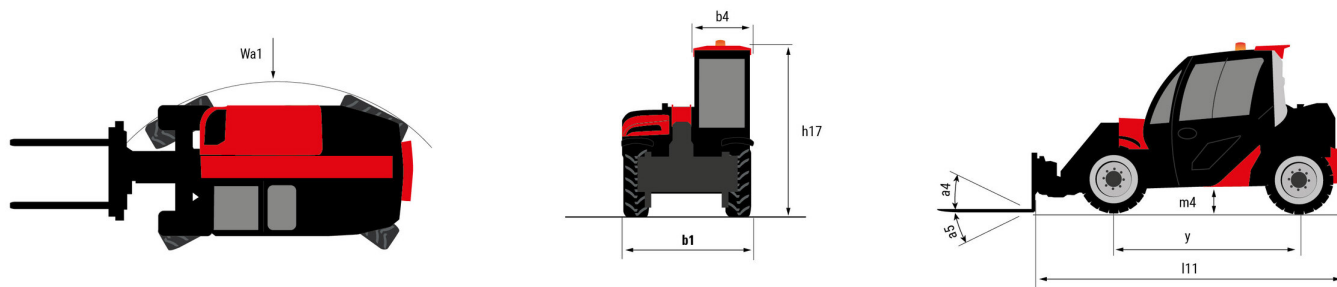


| Capacities | | Imperial |
|---|-----|---|
| Max. capacity | Q | 3307 lb |
| Max. lifting height | | 14 ft 1 in |
| Maximum outreach | | 8 ft 7 in |
| Reach at max. height | | 3 ft 3 in |
| Breakout force with bucket | | 1880 daN |
| Weight and dimensions | | |
| Shipping mass (min. / max.) | | 5952 lb / 6393 lb |
| Ground clearance | m4 | 11 in |
| Wheelbase | y | 7 ft |
| Overall length to carriage (with hitch) | l11 | 11 ft 5 in |
| Overall length to carriage (without hitch) | l3 | 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 |
| Tilt-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 124A8 |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode |
| 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 |
| Number of cylinders - Capacity of cylinders | | 3 - 100 in ³ |
| 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 axles |
| 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 | | 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/s ² |
| Miscellaneous | | |
| Cab certification | | ROPS - FOPS cab (level 1) |
| Controls | | JSM |

Optional tires tab

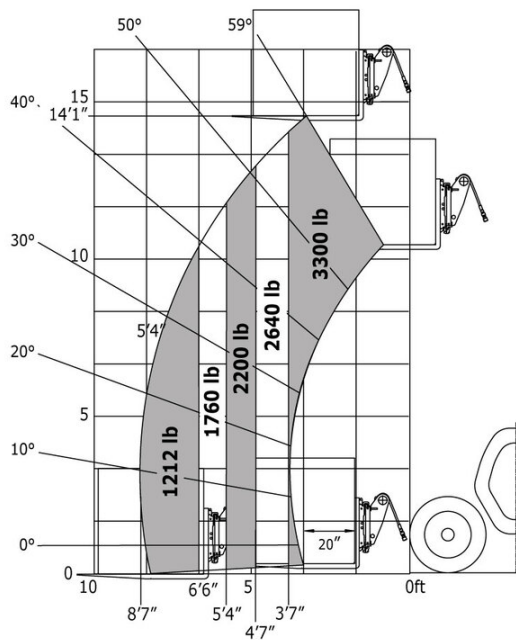
| | Overall height | Overall width |
|---|----------------|---------------|
| ALLIANCE - A550 - 305/70 R16.5 141A5 | 6 ft 5 in | 4 ft 11 in |
| CAMSO - SKS732 - 12-16.5 145A2 | 6 ft 5 in | 4 ft 11 in |
| MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5 | 6 ft 5 in | 4 ft 11 in |
| MICHELIN - BIBSTEEL 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 415 H - Dimensional drawing

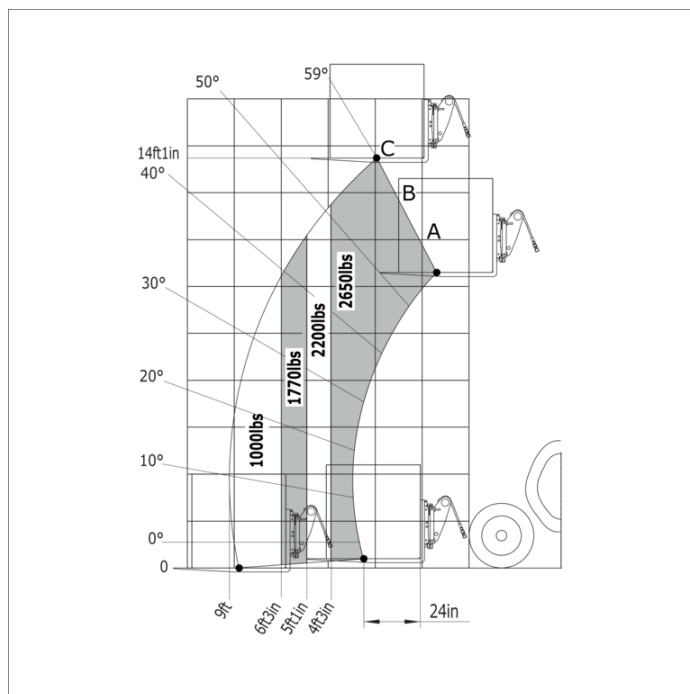


ULM 415 H - Load chart

Machine on tires with forks Imperial



Machine on tires with forks LC 600 mm (Imperial)



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