

Technical sheet :

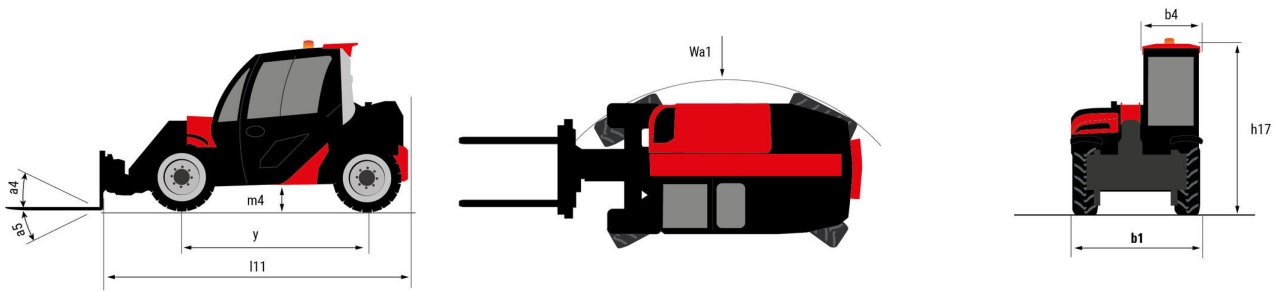
# ***ULM 415 H***

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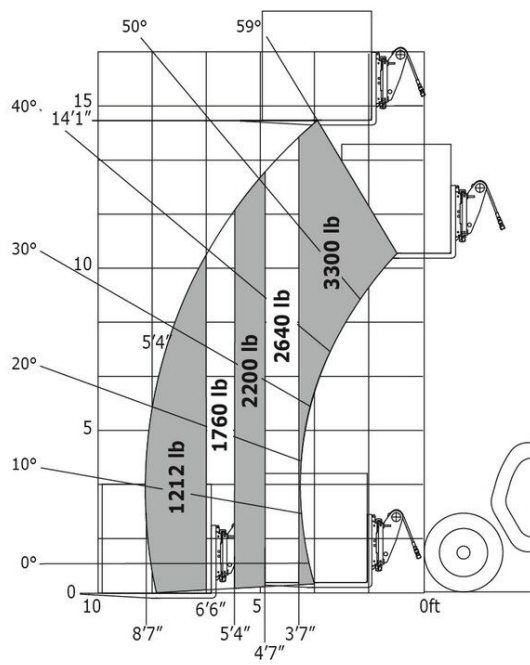
| Capacities  |     | Imperial  |
|---|-----|---|
| Max. capacity   | Q   | 3307 lb   |
| Max. lifting height   | h3  | 14 ft 1 in                                      |
| Max. outreach   |     | 8 ft 7 in                                       |
| Reach at max. height  |     | 3 ft 3 in                                       |
| 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                                      |
| 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 tyres  |     | 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                                     |
| Number of cylinders - Capacity of cylinders                       |     | 3 - 100 in³                                     |
| I.C. Engine power rating / Power (kW)                             |     | 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)      |
| Transmission  |     |   |
| Transmission type   |     | Hydrostatic                                     |
| Number of gears (forward / reverse)                               |     | 2 / 2   |
| Max. travel speed (may vary according to applicable regulations)  |     | 16 mi/h   |
| Differential lock   |     | Limited slip differential on front & 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 - 3408 PSI                             |
| Flow sharing distributor  |     | Standard  |
| Tank capacities   |     |   |
| Hydraulic oil   |     | 10 US gal                                       |
| Fuel tank   |     | 9 US gal  |
| Noise and vibration   |     |   |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 76 dB   |
| Environmental noise (LwA)   |     | 104 dB  |
| Vibration to whole hand/arm                                       |     | < 2.50 m/s²                                     |
| Miscellaneous   |     |   |
| Safety cab homologation   |     | ROPS - FOPS cab (level 1)                       |
| Controls  |     | JSM   |

## ULM 415 H - Dimensional drawing



## ULM 415 H - Load chart

Machine on tyres with forks Imperial





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