Technical sheet :

## ULM 415 H

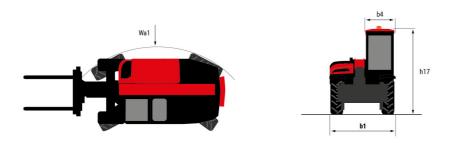


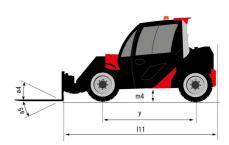


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| Capacities   |                | Metric   |
| Max. capacity  | Q              | 1500 kg  |
| Max. lifting height  | h3             | 4.30 m   |
| Maximum outreach   |                | 2.62 m   |
| Reach at max. height   |                | 1 m  |
| Breakout force with bucket   |                | 1880 daN   |
| Weight and dimensions  |                | 1000 0011  |
| Shipping mass (min. / max.)  |                | 2700 kg / 2900 kg                                |
| Ground clearance   | m4             | 0.29 m   |
| Wheelbase  |                | 2.13 m   |
|  | y<br> 11       | 3.47 m   |
| Overall length to carriage (with hitch)  |                |  |
| 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 - 10.0/75-15.3 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 - 1642 cm <sup>3</sup>                         |
|  |                |  |
| 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 axle |
| 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 tank capacity  |                | 39   |
| Fuel tank  |                | 351  |
| Noise and vibration  |                |  |
| Noise and violation<br>Noise at driving position (LpA) tested following NF EN 12053 norm |                | 76 AD  |
|  |                | 76 dB  |
| Noise to environment (LwA)   |                | 104 dB   |
| Vibration on hands/arms  |                | < 2.50 m/s²                                      |
| Miscellaneous  |                |  |
| Cab certification  |                | ROPS - FOPS cab (level 1)                        |
| Controls   |                | JSM  |

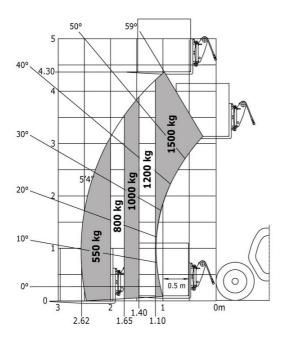
## ULM 415 H - Dimensional drawing





## ULM 415 H - Load chart

## Machine on tires with forks Metric





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