Technical sheet :

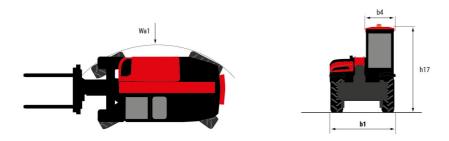
# ULM 415 H

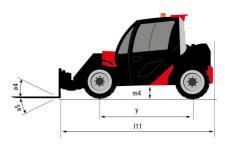




|   | <b>ULM 415 H</b> Cre | ated on August 11, 2025          |
|---|----------------------|----------------------------------|
| Capacities  |                      | Metric                           |
| Max. capacity   | Q                    | 1500 kg                          |
| Max. lifting height   | h3                   | 4.30 m                           |
| Maximum outreach  |                      | 2.62 m                           |
| Reach at max. height  |                      | 1 m                              |
| Breakout force with bucket  |                      | 1880 daN                         |
| Weight and dimensions   |                      |                                  |
| Shipping mass (min. / max.)                                       |                      | 2700 kg / 2900                   |
| Ground clearance  | m4                   | 0.29 m                           |
| Wheelbase   | у                    | 2.13 m                           |
| Overall length to carriage (with hitch)                           | 111                  | 3.47 m                           |
| 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   | а5                   | 116 °                            |
| Tilt-up angle   | a4                   | 23 °                             |
| External turning radius (over tyres)                              | Wa1                  | 2.62 m                           |
| Standard tires  |                      | CAMSO - MPT 552 - 10.0/7         |
| 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 fi               |
| Engine model  |                      | 3TNV88C-DM                       |
| Number of cylinders - Capacity of cylinders                       |                      | 3 - 1642 cm <sup>3</sup>         |
| I.C. Engine power rating / Power                                  |                      | 35.10 Hp / 26.20                 |
| Max. torque / Engine rotation                                     |                      | 105 Nm @1950                     |
| Drawbar pull (Laden)  |                      | 2000 daN                         |
| Reversible fan  |                      | Option                           |
| Engine cooling system   |                      | 3 radiators (water + hydrau      |
| 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 fro |
| Parking brake   |                      | Automatic negative par           |
| Service brake   |                      | Hydraulic servo b                |
| Hydraulics  |                      |                                  |
| Hydraulic pump type   |                      | Gear pump                        |
| Hydraulic flow - Pressure   |                      | 48 l/min - 235 l                 |
| Flow sharing distributor  |                      | Standard                         |
| Tank capacities   |                      |                                  |
| Hydraulic tank capacity   |                      | 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 on hands/arms   |                      | < 2.50 m/s²                      |
| Miscellaneous   |                      |                                  |
| Cab certification   |                      | ROPS - FOPS cab (I               |
| Controls  |                      | JSM                              |

## ULM 415 H - Dimensional drawing



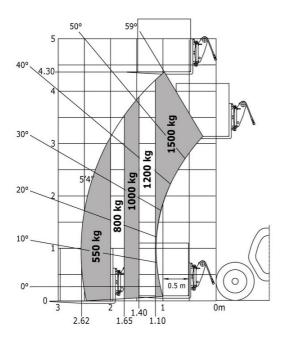


#### ULM 415 H Created on August 11, 2025 at 3:11 AM UTC

| Q   | 1500 Kg   |
|-----|---|
| h3  | 4.30 m  |
|     | 2.62 m  |
|     | 1 m   |
|     | 1880 daN  |
|     |   |
|     | 2700 kg / 2900 kg                                 |
| m4  | 0.29 m  |
| у   | 2.13 m  |
| 111 | 3.47 m  |
| 13  | 3.47 m  |
|     | 0.77 m  |
| b1  | 1.49 m  |
| b4  | 0.66 m  |
| h17 | 1.92 m  |
| a5  | 116 °   |
| a4  | 23 °  |
| Na1 | 2.62 m  |
|     | CAMSO - 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 cm <sup>3</sup>                          |
|     | 35.10 Hp / 26.20 kW                               |
|     | 105 Nm @1950 rpm                                  |
|     | 2000 daN  |
|     | Option  |
|     | 3 radiators (water + hydraulic oil + fuel)<br>Yes |
|     | Tes   |
|     | Hydrostatic                                       |
|     | 2 / 2   |
|     | 25 km/h   |
|     | Limited slip differential on front and rear axles |
|     | Automatic 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                                       |
|     |   |
|     | ROPS - FOPS cab (level 1)                         |
|     | JSM   |
|     |   |

## ULM 415 H - Load chart

### Machine on tires with forks Metric





B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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