Technical sheet:

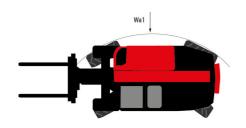
# **ULM 415 H**

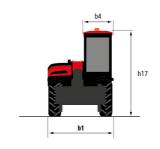


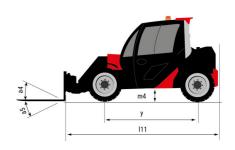


|   | ULM 415 H | <b>ULM 415 н</b> Created on May 2, 2024 at 8:19:58 PM UT |  |
|---|-----------|--|--|
| Capacities  |           | Metric   |  |
| Max. capacity   | Q         | 1500 kg  |  |
| Max. lifting height   | h3        | 4.30 m   |  |
| Max. outreach   |           | 2.62 m   |  |
| Reach at max. height  |           | 1 m  |  |
| Breakout force with bucket  |           | 1880 daN   |  |
| Weight and dimensions   |           |  |  |
| Shipping mass (min. / max.)                                       |           | 2700 kg / 2900 kg  |  |
| Ground clearance  | m4        | 0.29 m   |  |
| Wheelbase   | у         | 2.13 m   |  |
| Overall length to carriage (with hitch)                           | )<br>I11  | 3.47 m   |  |
| Overall length to carriage (without hitch)                        | l3        | 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 °  |  |
|   | a5<br>a4  | 23 °   |  |
| Tilt-up angle   |           | 2.62 m   |  |
| External turning radius (over tyres)                              | Wa1       | 2.62 m<br>CAMSO - MPT 552 - 10.0/75-15.3 124A8           |  |
| Standard tires Performances                                       |           | GAIVIOU - IVIFT 332 - TU.U//3-13.3 TZ4A8                 |  |
|   |           | 0.00 -   |  |
| 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 cm³   |  |
| 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 axles        |  |
| 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 oil   |           | 39   |  |
| Fuel tank   |           | 351  |  |
| Noise and vibration   |           |  |  |
| Noise at driving position (LpA) tested following NF EN 12053 norm |           | 76 dB  |  |
| Noise to environment (LwA)  |           | 104 dB   |  |
| Vibration to whole hand/arm                                       |           | < 2.50 m/s²  |  |
| Miscellaneous   |           | - 2.30 Hy 3  |  |
| Safety cab homologation   |           | ROPS - FOPS level 1 cab                                  |  |
| Sarety Cas nomorogation   |           | NOTO - I UPO IEVEL I CAD                                 |  |

## ULM 415 H - Dimensional drawing

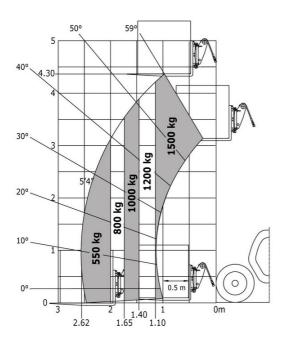






### ULM 415 H - Load chart

### Machine on tyres with forks Metric







#### **Head Office**

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