

Technical sheet :

# **MLT 741 - 140 V+**

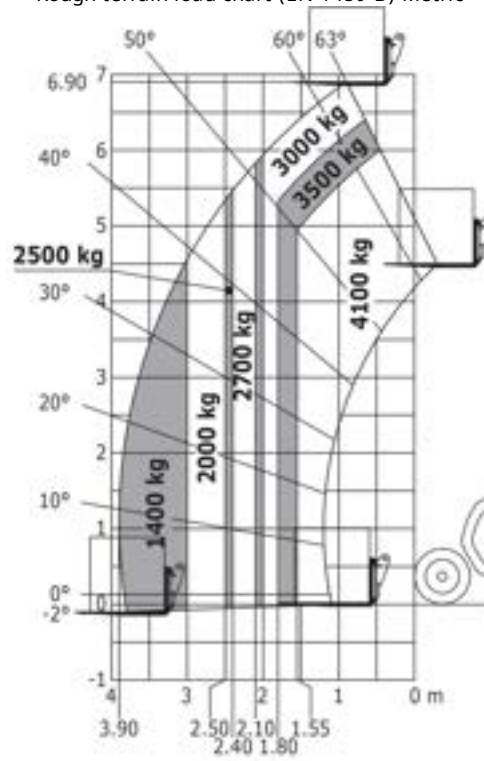
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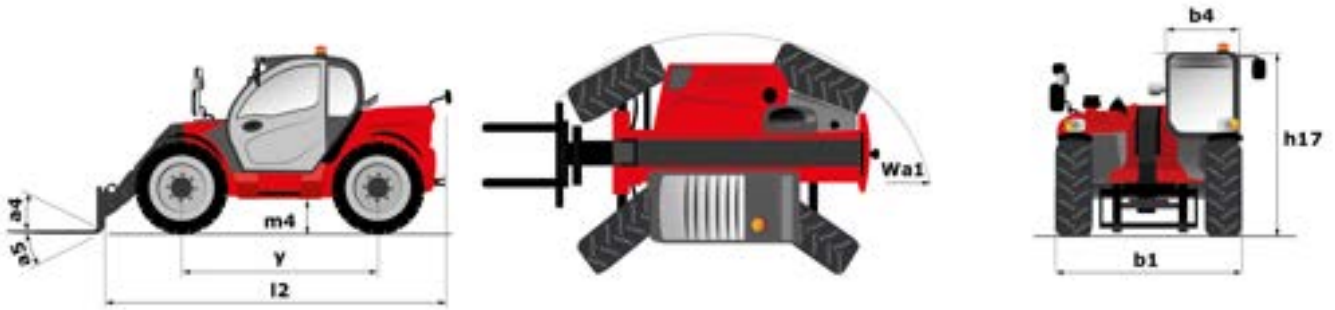
| Capacities  |     | Metric   |
|---|-----|--|
| Max. capacity   | Q   | 4100 kg  |
| Max. lifting height   | h3  | 6.9 m  |
| Max. outreach   | r1  | 3.9 m  |
| Reach at max. height  |     | 1 m  |
| Breakout force with bucket  |     | 5992 daN   |
| Weight and dimensions   |     |  |
| Unladen weight (with forks)                                       |     | 7755 kg  |
| Ground clearance  | m4  | 0.42 m   |
| Wheelbase   | y   | 2.81 m   |
| Overall length to carriage (with hitch)                           | l11 | 4.97 m   |
| Front overhang  |     | 1.21 m   |
| Overall width   | b1  | 2.39 m   |
| Overall cab width   | b4  | 0.95 m   |
| Overall height  | h17 | 2.38 m   |
| Tilt-down angle   | a5  | 134 °  |
| Tilt-up angle   | a4  | 12 °   |
| External turning radius (over tyres)                              | Wa1 | 3.93 m   |
| Standard tyres  |     | Alliance - A580 - 460/70 R24 159A8                                   |
| Drive wheels (front / rear)                                       |     | 2 / 2  |
| Steering wheels (front / rear)                                    |     | 2 / 2  |
| Performances  |     |  |
| Lifting   |     | 7 s  |
| Lowering  |     | 7.8 s  |
| Extension   |     | 6.3 s  |
| Retraction  |     | 5.6 s  |
| Crowd   |     | 3.2 s  |
| Dump  |     | 2.8 s  |
| Engine  |     |  |
| Engine brand  |     | Deutz  |
| Engine norm   |     | Stage V / Tier 4 Final   |
| Engine model  |     | TCD 3.6 L4   |
| Number of cylinders - Capacity of cylinders                       |     | 4 - 3621 cm <sup>3</sup>   |
| I.C. Engine power rating / Power (kW)                             |     | 136 Hp / 100 kW  |
| Max. torque / Engine rotation                                     |     | 500 Nm @1600 rpm   |
| Drawbar pull (Laden)  |     | 6200 daN   |
| Reversible fan  |     | Standard   |
| Engine cooling system   |     | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| Transmission  |     |  |
| Transmission type   |     | CVT  |
| Max. travel speed (may vary according to applicable regulations)  |     | 40 km/h  |
| Differential lock   |     | Limited slip differential on front axle                              |
| Parking brake   |     | Automatic negative parking brake                                     |
| Service brake   |     | Oil-immersed multi-discs braking on front & rear axles               |
| Hydraulics  |     |  |
| Hydraulic pump type   |     | Load sensing pump  |
| Hydraulic flow - Pressure   |     | 170 l/min - 270 Bar  |
| Flow sharing distributor  |     | Standard   |
| Tank capacities   |     |  |
| Hydraulic oil   |     | 135 l  |
| Fuel tank   |     | 120 l  |
| Diesel Exhaust fluid (AdBlue® type)                               |     | 10 l   |
| Noise and vibration   |     |  |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 72 dB(A)   |
| Environmental noise (LwA)   |     | 105 dB(A)  |
| Vibration to whole hand/arm                                       |     | <2,50 m/s  |
| Miscellaneous   |     |  |
| Tractor homologation  |     | Tractor homologation   |
| Safety cab homologation   |     | ROPS - FOPS cab (level 2)  |
| Controls  |     | JSM  |

# Load chart

Rough terrain load chart (EN 1459 B) Metric



# Dimensional drawing





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