Technical sheet :

# MLT 961-145 V+ L

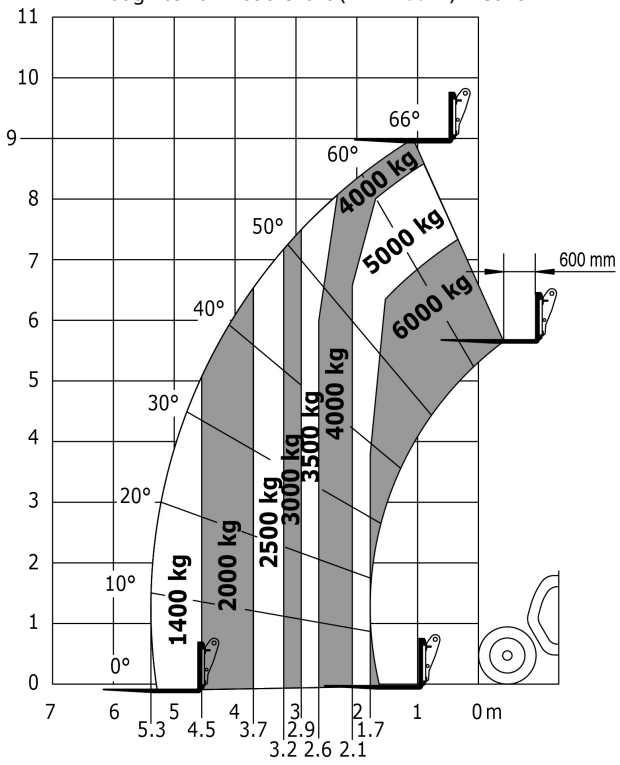



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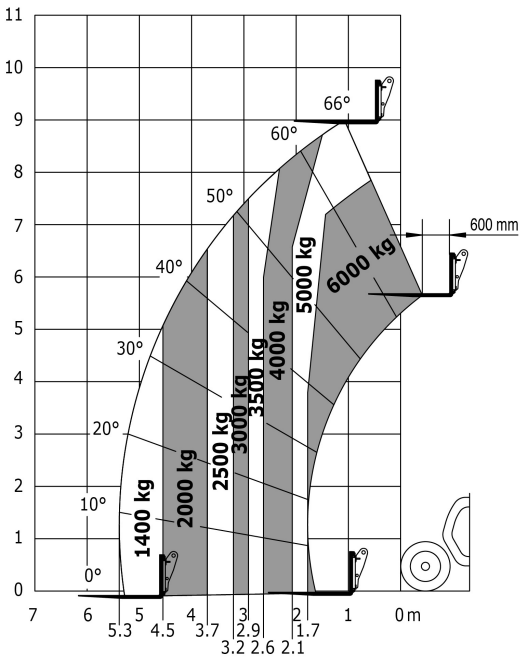
| Capacities | | Metric |
|---|---|---|
| Max. capacity | Q | 6000 kg |
| Max. lifting height | h3 | 9 m |
| Max. outreach | r1 | 5.3 m |
| Reach at max. height | | 1.1 m |
| Breakout force with bucket | | 7300 daN |
| **Weight and dimensions** | | |
| Unladen weight (with forks) | | 11800 kg |
| Ground clearance | m4 | 0.45 m |
| Wheelbase | y | 3 m |
| Overall length to carriage (with hitch) | l11 | 6.1 m |
| Front overhang | | 1.65 m |
| Overall width | b1 | 2.48 m |
| Overall cab width | b4 | 1 m |
| Overall height | h17 | 2.53 m |
| Tilt-down angle | a5 | 138 ° |
| Tilt-up angle | a4 | 12 ° |
| External turning radius (over tyres) | Wa1 | 4.3 m |
| Standard tyres | | Alliance - A580 - 500/70 R24 164A8 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 2 |
| **Performances** | | |
| Lifting | | 8.5 s |
| Lowering | | 6.5 s |
| Extension | | 7 s |
| Retraction | | 6 s |
| Crowd | | 3.8 s |
| Dump | | 3.6 s |
| **Engine** | | |
| Engine brand | | John Deere |
| Engine norm | | Stage IV / Tier 4 Final |
| Engine model | | PWL 4045 |
| Number of cylinders - Capacity of cylinders | | 4 - 4500 cm³ |
| I.C. Engine power rating / Power (kW) | | 141 Hp / 104 kW |
| Max. torque / Engine rotation | | 540 Nm/m @1500 rpm |
| Drawbar pull (Laden) | | 9300 daN |
| Reversible fan | | Standard |
| Engine cooling system | | 3 radiators water + intercooler + hydraulic oil |
| **Transmission** | | |
| Transmission type | | M-Vario Plus |
| Max. travel speed (may vary according to applicable regulations) | | 40 km/h |
| Parking brake | | Automatic Negative Hand-brake |
| Service brake | | Oil-immersed multi-discs on front & rear axles |
| **Hydraulics** | | |
| Hydraulic pump type | | Load sensing pump |
| Hydraulic flow - Pressure | | 200 l/min - 270 Bar |
| Flow sharing distributor | | Standard |
| **Tank capacities** | | |
| Hydraulic oil | | 153 l |
| Fuel tank | | 135 l |
| Diesel Exhaust fluid (AdBlue® type) | | 12 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/s² |
| **Miscellaneous** | | |
| Tractor homologation / Safety cab homologation | | Tractor homologation - ROPS - FOPS cab (level 2) |
| Controls | | JSM |

# Load chart

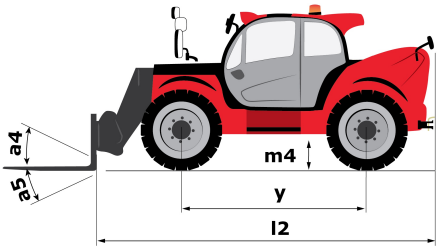
Rough terrain load chart (EN 1459 B) Metric

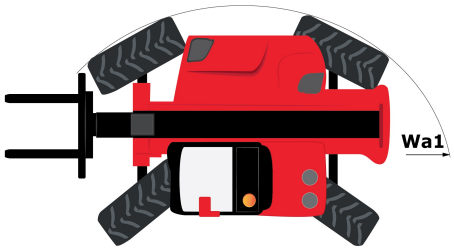


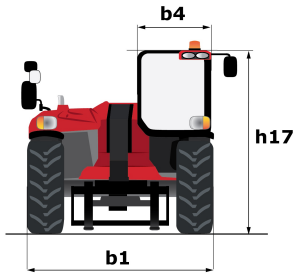

Industrial load chart (EN 1459 A) Metric



# Dimensional drawing



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