

Technical sheet :

MLT 733-115 LSU (S1)



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Imperial |
|--|-----|--|
| Max. capacity | Q | 7275 lb |
| Max. lifting height | | 22 ft 8 in |
| Maximum outreach | | 12 ft 10 in |
| Reach at max. height | | 2 ft 11 in |
| Breakout force with bucket | | 5184 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) | | 15697 lb |
| Ground clearance | m4 | 1 ft 5 in |
| Wheelbase | y | 9 ft 3 in |
| Overall length to carriage (with hitch) | l11 | 15 ft 11 in |
| Overall length to carriage (without hitch) | l3 | 15 ft 8 in |
| Front overhang | | 4 ft |
| Overall width | b1 | 7 ft 10 in |
| Overall cab width | b4 | 3 ft 1 in |
| Overall height | h17 | 7 ft 10 in |
| Tilt-down angle | a5 | 134 ° |
| Tilt-up angle | a4 | 12 ° |
| External turning radius (over tyres) | Wa1 | 12 ft 11 in |
| Standard tires | | Alliance - A580 - 460/70 R24 159A8 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering mode | | Manicrab, 2 wheel steer, 4 wheel steer, Crab mode |
| Performances | | |
| Lifting | | 6.20 s |
| Lowering | | 5.80 s |
| Extension | | 5.50 s |
| Retraction | | 5.30 s |
| Crowd | | 2.80 s |
| Dump | | 2.30 s |
| Engine | | |
| Engine brand | | Deutz |
| Engine nom | | Stage V |
| Engine model | | TCD 3.6 L4 |
| Number of cylinders - Capacity of cylinders | | 4 - 221 in ³ |
| Engine power (Hp / kW) | | 116 Hp / 85 kW |
| Max. torque / Engine rotation | | 339 ft/lbs @1600 rpm |
| Drawbar pull (Laden) | | 7800 daN |
| Reversible fan | | Option |
| Engine cooling system | | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| HVO validated (according to EN 15940 standard) | | Yes |
| Transmission | | |
| Transmission type | | Torque converter |
| Gearbox | | Powershuttle |
| Number of gears (forward / reverse) | | 4 / 4 |
| Max. travel speed (may vary according to applicable regulations) | | 21 mph |
| 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 | | Variable displacement pump |
| Hydraulic flow - Pressure | | 40 US gpm - 3916 PSI |
| Flow sharing distributor | | Standard |
| Tank capacities | | |
| Hydraulic tank capacity | | 36 US gal |
| Fuel | | 32 US gal |
| Diesel Exhaust fluid (AdBlue® type) | | 3 US gal |
| Noise and vibration | | |
| Noise at driving position (LpA) tested following NF EN 12053 nom | | 75 dB |
| Noise to environment (LwA) | | 106 dB |
| Vibration on hands/arms | | < 8 ft/s ² |
| Miscellaneous | | |
| Tractor homologation | | Tractor homologation |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

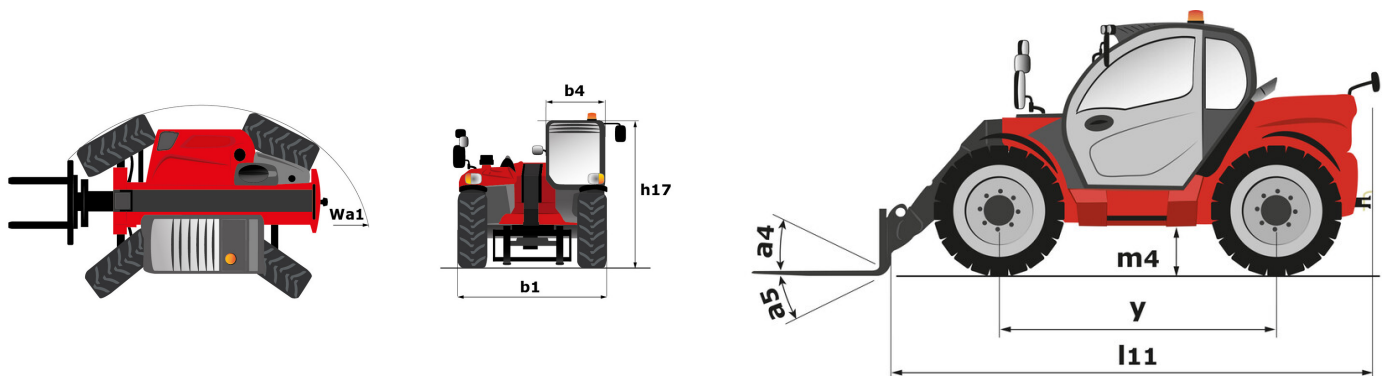
Optional tires tab

| |
|--|
| TRELLEBORG - TH400 - 500/70 R24 164A8 |
| TRELLEBORG - TH400 - 460/70 R24 159A8 |
| MICHELIN - XMCL - 500/70 R24 164A8 |
| MICHELIN - BIBLOAD - 460/70 R24 159A8 |
| MICHELIN - BIBLOAD - 500/70 R24 164A8 |
| MICHELIN - XHA - 15.5 R25 158A2 |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 |
| VREDESTEIN - ENDURION - 460/70 R24 159A8 |
| VREDESTEIN - ENDURION - 500/70 R24 164A8 |
| TRELLEBORG - TH500 - 460/70 R24 159A8 |
| ALLIANCE - A585 - 460/70 R24 159A8 |

| Overall height |
|----------------|
| 7 ft 9 in |
| 7 ft 10 in |
| 7 ft 10 in |
| 7 ft 9 in |
| 7 ft 10 in |
| 7 ft 9 in |
| 7 ft 9 in |
| 7 ft 10 in |
| 7 ft 11 in |
| 7 ft 11 in |
| 7 ft 9 in |
| 7 ft 9 in |

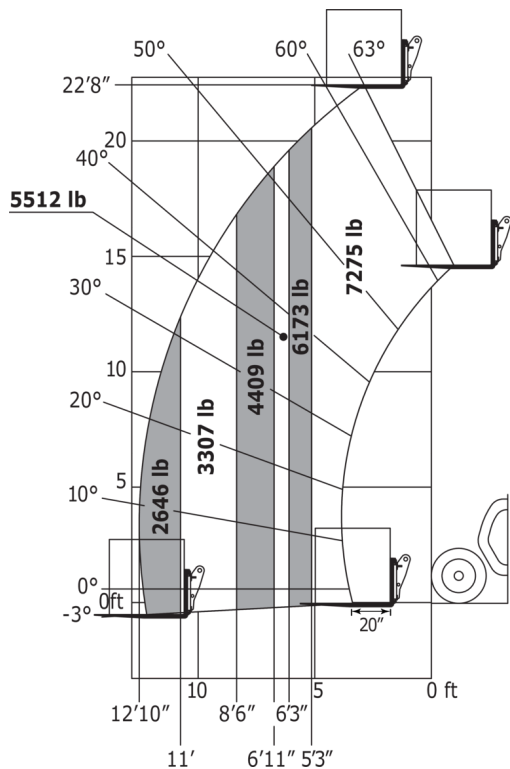
| Overall width |
|---------------|
| 7 ft 10 in |
| 7 ft 11 in |
| 8 ft |
| 7 ft 10 in |
| 8 ft |
| 7 ft 10 in |
| 7 ft 10 in |
| 7 ft 11 in |
| 8 ft |
| 7 ft 10 in |
| 7 ft 10 in |

MLT 733-115 LSU (S1) - Dimensional drawing



MLT 733-115 LSU (S1) - Load chart

Machine on tires with forks Imperial





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