

Technical sheet :

# MLT 733-115 (S2)



| Capacities  |     | Imperial   |
|---|-----|--|
| Max. capacity   | Q   | 7275 lb  |
| Max. lifting height   | h3  | 22 ft 7 in   |
| Maximum outreach  |     | 13 ft  |
| Reach at max. height  |     | 2 ft 11 in   |
| Breakout force with bucket  |     | 5509 daN   |
| Weight and dimensions   |     | Imperial   |
| Unladen weight (with forks)                                       |     | 15763 lb   |
| Ground clearance  | m4  | 1 ft 5 in  |
| Wheelbase   | y   | 9 ft 3 in  |
| Overall length to carriage (with hitch)                           | l11 | 16 ft 1 in   |
| Front overhang  |     | 4 ft 2 in  |
| 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  | 133 °  |
| Tilt-up angle   | a4  | 14 °   |
| 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  |     | Imperial   |
| Lifting   |     | 7.20 s   |
| Lowering  |     | 5.30 s   |
| Extension   |     | 6.40 s   |
| Retraction  |     | 5.70 s   |
| Crowd   |     | 3.60 s   |
| Dump  |     | 3.30 s   |
| Engine  |     | Imperial   |
| Engine brand  |     | Deutz  |
| Engine norm   |     | Stage V  |
| Engine model  |     | TCD 3.6 L4   |
| Number of cylinders - Capacity of cylinders                       |     | 4 - 221 in³  |
| Engine power (Hp / kW)  |     | 116 Hp / 85 kW   |
| Max. torque / Engine rotation                                     |     | 339 ft/lbs @1600 rpm   |
| Drawbar pull (Laden)  |     | 8250 daN   |
| Reversible fan  |     | Option   |
| Engine cooling system   |     | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| HVO validated (according to EN 15940 standard)                    |     | Yes  |
| Transmission  |     | Imperial   |
| 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  |     | Imperial   |
| Hydraulic pump type   |     | Variable displacement pump   |
| Hydraulic flow - Pressure   |     | 40 US gpm - 3916 PSI   |
| Flow sharing distributor  |     | Standard   |
| Tank capacities   |     | Imperial   |
| Hydraulic tank capacity   |     | 36 US gal  |
| Fuel  |     | 32 US gal  |
| Diesel Exhaust fluid (AdBlue® type)                               |     | 3 US gal   |
| Noise and vibration   |     | Imperial   |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 75 dB  |
| Vibration on hands/arms   |     | < 8 ft/s²  |
| Miscellaneous   |     | Imperial   |
| Tractor homologation  |     | Tractor homologation   |
| Cab certification   |     | Cabin ROPS - FOPS level 2  |
| Controls  |     | JSM  |

## Optional tires tab

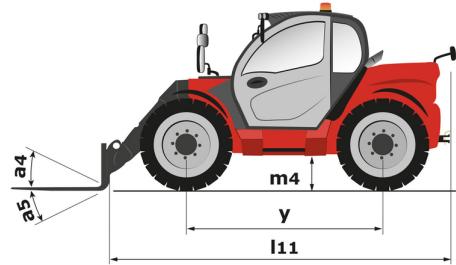
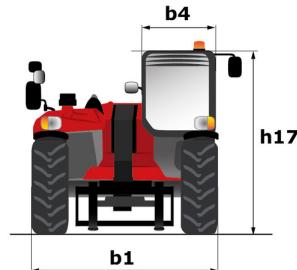
|  | Overall height | Overall width |
|--|----------------|---------------|
| ALLIANCE - A585 - 460/70 R24 159A8       | 7 ft 9 in      | 7 ft 10 in    |
| NOKIAN - TRI STEEL - 460/65 R24 156A8    | 7 ft 9 in      | 7 ft 10 in    |
| MICHELIN - BIBLOAD - 460/70 R24 159A8    | 7 ft 9 in      | 7 ft 10 in    |
| MICHELIN - BIBLOAD - 500/70 R24 164A8    | 7 ft 10 in     | 8 ft          |
| MICHELIN - XHA - 15.5 R25 158A2          | 7 ft 9 in      | 7 ft 10 in    |
| MICHELIN - XMCL - 500/70 R24 164A8       | 7 ft 10 in     | 8 ft          |
| TRELLEBORG - TH400 - 460/70 R24 159A8    | 7 ft 9 in      | 7 ft 10 in    |
| TRELLEBORG - TH400 - 500/70 R24 164A8    | 7 ft 10 in     | 7 ft 11 in    |
| TRELLEBORG - TH500 - 460/70 R24 159A8    | 7 ft 9 in      | 7 ft 10 in    |
| VREDESTEIN - ENDURION - 460/70 R24 159A8 | 7 ft 10 in     | 7 ft 11 in    |
| VREDESTEIN - ENDURION - 500/70 R24 164A8 | 7 ft 11 in     | 8 ft          |

## Options / Finishing

S : Standard / O : Optional / - : Not available

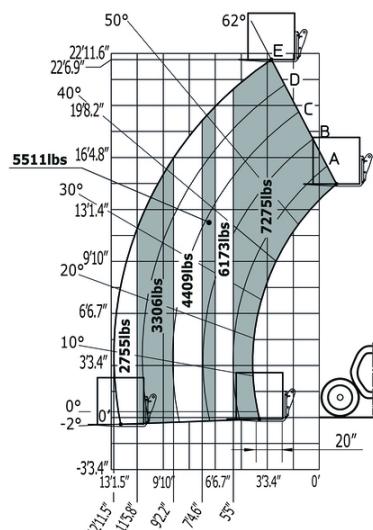
|   | Classic | Premium |
|---|---------|---------|
| <b>Lifting function</b>   |         |         |
| Attachment hydraulic locking                                    | O       | O       |
| <b>Operator station</b>   |         |         |
| Air suspension fabric seat - GRAMMER                            | O       | S       |
| Automatic air conditioning                                      | O       | S       |
| Bluetooth USB radio - With extra microphone - 100W              | O       | O       |
| Bluetooth USB radio - With integrated microphone - 100W         | O       | S       |
| Boom suspension - "Active CRC"                                  | O       | O       |
| Extra front wiper   | O       | S       |
| Harmony screen - 5 in.  | S       | S       |
| Lateral wiper   | O       | O       |
| Low frequency air suspension fabric seat - GRAMMER              | O       | O       |
| Low frequency air suspension fabric seat with heating - GRAMMER | O       | O       |
| Mechanical suspension fabric seat - GRAMMER                     | S       | -       |
| Storage box - On the shelf                                      | O       | O       |
| Tuner car radio - 50W   | S       | -       |
| <b>Motorization/Power</b>                                       |         |         |
| Auto reversing fan  | O       | O       |
| Continuous flow hydraulics                                      | O       | O       |
| <b>Secondary functions</b>                                      |         |         |
| Automatic greasing system (AGS) - Chassis + boom                | O       | O       |
| <b>Lighting</b>   |         |         |
| led front road lights   | O       | O       |
| LED work lights - On the top of the boom (fixed part) (x2)      | O       | O       |

## MLT 733-115 (S2) - Dimensional drawing

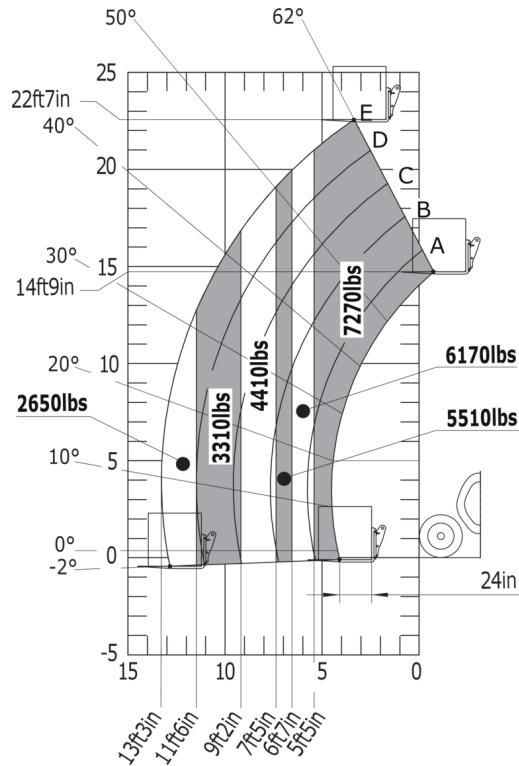


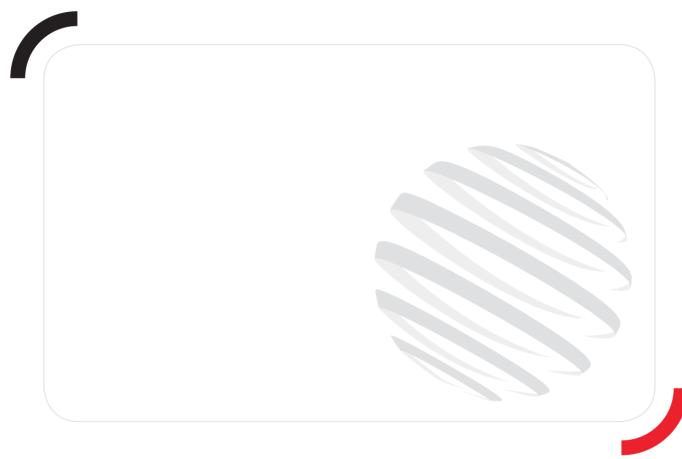
## MLT 733-115 (S2) - Load chart

Machine on tires with forks Imperial



Machine on tires with forks LC 600 mm (Imperial)





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