

Technical sheet :

MLT 630-115 V CP



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Imperial |
|---|-----|---|
| Max. capacity | Q | 6614 lb |
| Max. lifting height | h3 | 19 ft 8 in |
| Maximum outreach | | 11 ft 3 in |
| Reach at max. height | | 2 ft 11 in |
| Breakout force with bucket | | 4914 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) | | 14639 lb |
| Ground clearance | m4 | 11 in |
| Wheelbase | y | 8 ft 10 in |
| Overall length to carriage (with hitch) | l11 | 15 ft 8 in |
| Overall length to carriage (without hitch) | l3 | 15 ft 2 in |
| Front overhang | | 4 ft 1 in |
| Overall width | b1 | 6 ft 9 in |
| Overall cab width | b4 | 3 ft 1 in |
| Overall height | h17 | 7 ft |
| Tilt-down angle | a5 | 133 ° |
| Tilt-up angle | a4 | 13 ° |
| External turning radius (over tyres) | Wa1 | 12 ft |
| Standard tires | | Alliance - A580 - 400/70 R20 149A8 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 2 |
| Performances | | |
| Lifting | | 6.50 s |
| Lowering | | 4.90 s |
| Extension | | 5.80 s |
| Retraction | | 5.30 s |
| Crowd | | 3.20 s |
| Dump | | 2.60 s |
| Engine | | |
| Engine brand | | Deutz |
| Engine norm | | Stage V |
| Engine model | | TCD 3.6 L4 |
| Number of cylinders - Capacity of cylinders | | 4 - 221 in³ |
| I.C. Engine power rating / Power | | 116 Hp / 85 kW |
| Max. torque / Engine rotation | | 339 ft/lbs @1600 rpm |
| Drawbar pull (Laden) | | 6500 daN |
| Reversible fan | | Standard |
| Engine cooling system | | 4 radiators (water + intercooler + oil + fuel) |
| HVO validated (according to EN 15940 standard) | | Yes |
| Transmission | | |
| Transmission type | | M-Varioshift |
| Number of gears (forward / reverse) | | 2 / 2 |
| Max. travel speed (may vary according to applicable regulations) | | 24 mph |
| Differential lock | | Limited slip differential on front axle |
| Parking brake | | Manual |
| Service brake | | Oil-Immersed multi-discs braking on front axles |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow - Pressure | | 28 US gpm - 3626 PSI |
| Flow sharing distributor | | Option |
| Tank capacities | | |
| Hydraulic tank capacity | | 25 US gal |
| Fuel tank | | 21 US gal |
| Diesel Exhaust fluid (AdBlue® type) | | 3 US gal |
| Noise and vibration | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 73 dB |
| Noise to environment (LwA) | | 106 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| Miscellaneous | | |
| Tractor homologation | | Tractor homologation |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

Optional tires tab

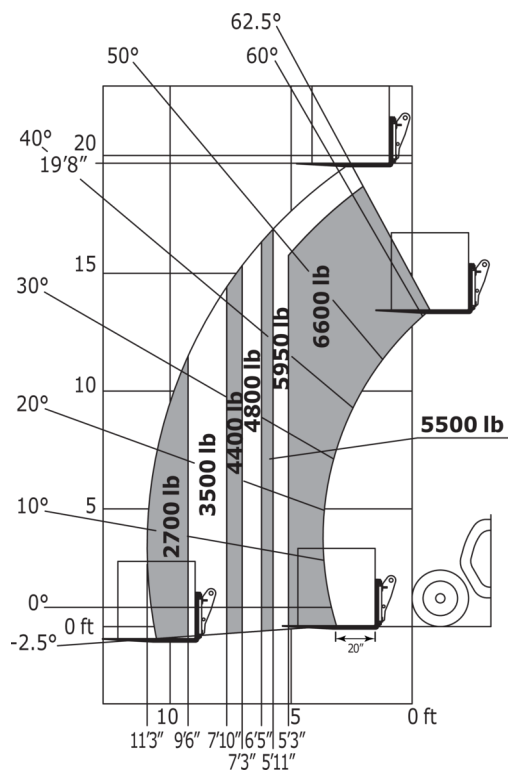
| | Overall height | Overall width |
|---------------------------------------|----------------|---------------|
| ALLIANCE - A331 - 500/45-20 159A8 | 6 ft 11 in | 7 ft 3 in |
| MICHELIN - BIBLOAD - 400/70 R20 149A8 | 7 ft 2 in | 6 ft 9 in |
| MICHELIN - XMCL - 400/70 R20 149A8 | 7 ft | 6 ft 9 in |

MLT 630-115 V CP - Dimensional drawing



MLT 630-115 V CP - Load chart

Machine on tires with forks Imperial





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