Technical sheet :

MLT-X 741-140 V+ 51





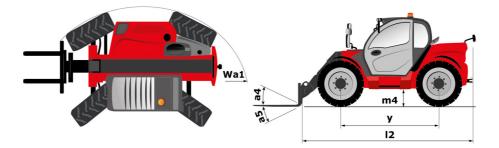
MLT-X 741-140 V+ S1 Created on April 19, 2024 at 2:59:42 AM UTC

| Capacities | | Metric | Imperial |
|-------------------------------------------------------------------|----------|----------------------------------------------------|----------------------------------------------------|
| Max. capacity | Q | 4100 kg | 9039 lb |
| Max. lifting height | h3 | 6.90 m | 22 ft 8 in |
| Max. outreach | 110 | 3.90 m | 12 ft 10 in |
| Reach at max, height | | 1 m | 3 ft 3 in |
| Weight and dimensions | | | |
| Unladen weight (with forks) | | 7655 kg | 16876 lb |
| Ground clearance | m4 | 0.41 m | 1 ft 4 in |
| Wheelbase | у | 2.81 m | 9 ft 3 in |
| Overall length to carriage (with hitch) | , 11 | 4.97 m | 16 ft 4 in |
| Front overhang | | 1.21 m | 4 ft |
| Overall width | b1 | 2.39 m | 7 ft 10 in |
| Overall cab width | b4 | 0.95 m | 3 ft 1 in |
| Overall height | h17 | 2.38 m | 7 ft 10 in |
| Tilt-down angle | a5 | 134 ° | 134 ° |
| Tilt-up angle | a4 | 12 ° | 12 ° |
| External turning radius (over tyres) | Wa1 | 3.92 m | 12 ft 10 in |
| Standard tires | | Alliance - A580 - 460/70 R24 159A8 | Alliance - A580 - 460/70 R24 159A8 |
| Drive wheels (front / rear) | | 2/2 | 2/2 |
| Steering wheels (front / rear) | | 2/2 | 2/2 |
| Performances | | | |
| Lifting | | 7.80 s | 7.80 s |
| Lowering | | 6 s | 6 s |
| Extension | | 8.30 s | 8.30 s |
| Retraction | | 7.20 s | 7.20 s |
| Crowd | | 3.40 s | 3.40 s |
| Dump | | 2.90 s | 2.90 s |
| Engine | | 2.70 3 | 2.70 3 |
| Engine brand | | Deutz | Deutz |
| Engine norm | | Stage IIIA | Stage IIIA |
| Engine model | | TDC 3,6 I | TDC 3,6 I |
| Number of cylinders - Capacity of cylinders | | 4 - 3621 cm ³ | 4 - 221 in ³ |
| I.C. Engine power rating / Power | | 136 Hp / 100 kW | 136 Hp / 100 kW |
| Max. torque / Engine rotation | | 500 Nm @1600 rpm | 369 ft/lbs @1600 rpm |
| Drawbar pull (Laden) | | 7400 daN | 7400 daN |
| Reversible fan | | Standard | Standard |
| | | 4 radiators (water + intercooler + hydraulic oil + | 4 radiators (water + intercooler + hydraulic oil + |
| Engine cooling system | | transmission oil) | transmission oil) |
| Transmission | | | |
| Transmission type | | M-Vario Plus | M-Vario Plus |
| Max. travel speed (may vary according to applicable regulations) | | 40 km/h | 25 mph |
| Differential lock | | Limited slip differential on front axle | Limited slip differential on front axle |
| Parking brake | | Manual | Manual |
| Service brake | | Oil-immersed multi-discs on front & rear axles | Oil-immersed multi-discs on front & rear axles |
| Hydraulics | | | |
| Hydraulic pump type | | Variable displacement pump | Variable displacement pump |
| Hydraulic flow - Pressure | | 170 l/min - 270 bar | 45 US gpm - 3916 PSI |
| Flow sharing distributor | | Standard | Standard |
| Tank capacities | | | |
| Hydraulic oil | | 135 I | 36 US gal |
| Fuel tank | | 120 l | 32 US gal |
| Noise and vibration | | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 72 dB | 72 dB |
| Noise to environment (LwA) | | 106 dB | 106 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² | < 2.50 m/s² |
| Miscellaneous | | | |
| Tractor homologation | | | |
| Safety cab homologation | | ROPS - FOPS level 2 cab | ROPS - FOPS level 2 cab |
| Controls | | JSM | JSM |

Optional tires tab

| Optional tires | Overall height | Overall width |
|------------------------------------------|---------------------|---------------------|
| ALLIANCE - A580 - 460/70 R24 159A8 | 7 ft 10 in (2.38 m) | 7 ft 10 in (2.39 m) |
| FIRESTONE - R8000 UT - 460/70 R24 159A8 | 7 ft 10 in (2.39 m) | 7 ft 11 in (2.42 m) |
| TRELLEBORG - TH400 - 460/70 R24 159A8 | 7 ft 9 in (2.37 m) | 7 ft 10 in (2.40 m) |
| TRELLEBORG - TH400 - 500/70 R24 164A8 | 7 ft 10 in (2.39 m) | 7 ft 11 in (2.42 m) |
| MICHELIN - XMCL - 500/70 R24 164A8 | 7 ft 10 in (2.39 m) | 8 ft (2.43 m) |
| MICHELIN - BIBLOAD - 460/70 R24 159A8 | 7 ft 9 in (2.37 m) | 7 ft 10 in (2.40 m) |
| MICHELIN - BIBLOAD - 500/70 R24 164A8 | 7 ft 10 in (2.39 m) | 8 ft (2.43 m) |
| MICHELIN - XHA - 15.5 R25 158A2 | 7 ft 9 in (2.37 m) | 7 ft 10 in (2.40 m) |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 | 7 ft 9 in (2.36 m) | 7 ft 10 in (2.40 m) |
| MICHELIN - XMCL - 460/70 R24 159A8 | 7 ft 9 in (2.37 m) | 7 ft 10 in (2.40 m) |
| VREDESTEIN - ENDURION - 460/70 R24 159A8 | 7 ft 10 in (2.38 m) | 7 ft 11 in (2.41 m) |
| VREDESTEIN - ENDURION - 500/70 R24 164A8 | 7 ft 11 in (2.41 m) | 8 ft (2.44 m) |

MLT-X 741-140 V+ S1 - Dimensional drawing





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