Technical sheet :

# MLT 733-115 LSU ST4




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| Capacities | | Metric | Imperial |
|---|---|---|---|
| Max. capacity | Q | 3300 kg | 7275 lb |
| Max. lifting height | h3 | 6.90 m | 22 ft 8 in |
| Max. outreach | | 3.90 m | 12 ft 10 in |
| Reach at max. height | | 0.90 m | 2 ft 11 in |
| Breakout force with bucket | | 5770 daN | 5770 daN |
| **Weight and dimensions** | | | |
| Unladen weight (with forks) | | 7015 kg | 15465 lb |
| Ground clearance | m4 | 0.44 m | 1 ft 5 in |
| Wheelbase | y | 2.81 m | 9 ft 3 in |
| Overall length to carriage (with hitch) | l11 | 4.85 m | 15 ft 11 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 | 13 ° | 13 ° |
| 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 | | 6.75 s | 6.75 s |
| Lowering | | 5.65 s | 5.65 s |
| Extension | | 6.50 s | 6.50 s |
| Retraction | | 3.90 s | 3.90 s |
| Crowd | | 3.15 s | 3.15 s |
| Dump | | 2.55 s | 2.55 s |
| **Engine** | | | |
| Engine brand | | Deutz | Deutz |
| Engine norm | | Stage IV | Stage IV |
| Engine model | | TCD 3.6 l | TCD 3.6 l |
| Number of cylinders - Capacity of cylinders | | 4 - 3621 cm³ | 4 - 221 in³ |
| I.C. Engine power rating / Power | | 116 Hp / 85 kW | 116 Hp / 85 kW |
| Max. torque / Engine rotation | | 410 Nm @1600 rpm | 302 ft/lbs @1600 rpm |
| Drawbar pull (Laden) | | 7400 daN | 7400 daN |
| Reversible fan | | Option | Option |
| Engine cooling system | | 4 radiators (water + intercooler + hydraulic oil + transmission oil) | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| **Transmission** | | | |
| Transmission type | | Torque converter | Torque converter |
| Gearbox | | Powershuttle | Powershuttle |
| Number of gears (forward / reverse) | | 4 / 4 | 4 / 4 |
| Max. travel speed (may vary according to applicable regulations) | | 32 km/h | 20 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 | | 150 l/min - 270 bar | 40 US gpm - 3916 PSI |
| Flow sharing distributor | | Standard | Standard |
| **Tank capacities** | | | |
| Hydraulic oil | | 135 l | 36 US gal |
| Fuel tank | | 120 l | 32 US gal |
| Diesel Exhaust fluid (AdBlue® type) | | 10 l | 3 US gal |
| **Noise and vibration** | | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 76 dB | 76 dB |
| Environmental noise (LwA) | | 105 dB | 105 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² | < 2.50 m/s² |
| **Miscellaneous** | | | |
| Tractor homologation | | Tractor homologation | Tractor homologation |
| Safety cab homologation | | ROPS - FOPS level 2 cab | ROPS - FOPS level 2 cab |
| Controls | | JSM | JSM |

# Options / Finishing

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

| | Classic | Premium |
|---|---|---|
| **Lifting function** | | |
| Easy Connect System (ECS) | S | S |
| Electrovalve for 2 hydraulic functions (on boom head) | O | O |
| Hydraulic attachment locking | O | O |
| Return pipe to hydraulic oil tank | O | O |
| **Operator station** | | |
| "Active CRC" boom suspension | O | O |
| Air conditioning with automatic adjustment | O | O |
| Air conditioning with manual adjustment | O | S |
| Air suspension cloth-covered seat (GRAMMER) | O | S |
| Bluetooth USB car radio with extra microphone (100 W) | O | O |
| Bluetooth USB car radio with integrated microphone (100 W) | O | S |
| Extra front wiper | O | S |
| Harmony screen | S | S |
| Lateral wiper | O | O |
| Low frequency air suspension cloth seat with heating | O | O |
| Mechanical cloth-covered seat (GRAMMER) | S | - |
| Tuner car radio (50 W) | S | - |
| **Motorization/Power** | | |
| Continuous flow hydraulics | O | O |
| Self cleaning air prefilter | S | S |
| **Secondary functions** | | |
| 1 pair of pre-fitted Double Action rear hydraulic couplers | O | O |
| Additional fuel tank (25 l) | O | O |
| Automatic rotating towing hitch on counterweight | O | O |
| Ladder hitch with choice of hooks | O | O |
| **Lighting** | | |
| Boom Work Lights (on fixed part) (x2) | O | O |
| Front and rear LED work lights on cab (x4 : 2 front + 2 rear) | O | S |
| Front and rear work lights on cab (x4) | S | - |
| **Security** | | |
| Audio warning on reverse | O | O |

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