

Technical sheet :

MLA 7-75 H-Z



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|------------------------------------------------------------------|-----|------------------------------------------------------------|
| Static tipping load with bucket (straight) | | 3378 kg |
| Static tipping load with bucket (full turn) | | 2621 kg |
| Static tipping load with forks (straight) | | 2741 kg |
| Static tipping load with forks (full turn) | | 2174 kg |
| Max. height of bucket pivot point | h35 | 3.47 m |
| Max. lifting height (below forks) | h3 | 3.28 m |
| Breakout force with bucket | | 5906 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) with 4-post canopy | | 4781 kg |
| Unladen weight (with forks) | | 4953 kg |
| Wheelbase | y | 2.06 m |
| Overall width of 4 posts canopy | b22 | 1.28 m |
| Overall cab width | b4 | 1.28 m |
| Overall height with FOPS removed and ROPS folded | h36 | 1.99 m |
| Overall height with 4 posts canopy | h38 | 2.48 m |
| Overall height with cab | h17 | 2.48 m |
| Tilt-up angle | a4 | 45 ° |
| Tilt-down angle | a5 | 45 ° |
| Articulation angle | a19 | 45 ° |
| Overall width less bucket | b1 | 1.74 m |
| Overall length - Less Bucket | l2 | 4.44 m |
| Ground clearance | m4 | 0.31 m |
| Engine | | |
| Engine brand | | Deutz |
| Engine model | | TD_3_6_L4 |
| Engine nom | | Stage IIIB, Stage V, Tier 4 |
| Number of cylinders / Capacity of cylinders | | 4 - 3600 cm³ |
| I.C. Engine power rating / Power | | 74.30 Hp / 55.40 kW |
| Max. torque / Engine rotation | | 330 Nm / 1600 rpm |
| Engine cooling system | | 2 radiators water + hydraulic oil |
| Transmission | | |
| Transmission type | | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 |
| Max. travel speed (may vary according to applicable regulations) | | 30 km/h |
| Travel speed (laden) | | 20 km/h |
| Differential lock | | Front and rear locking of the machine |
| Parking brake | | Manual |
| Service brake | | Hydraulic disc brake on front axle, acting on all 4 wheels |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow - Pressure | | 70 l/min / 200 bar |
| High-Flow Option (l/min) | | 110 l/min |
| Drive hydraulic system pressure | | 380 bar |
| Tank capacities | | |
| Hydraulic oil | | 74 l |
| Fuel tank | | 102 l |
| Noise and vibration | | |
| Vibration on hands/arms | | < 2.50 m/s² |
| Miscellaneous | | |
| Safety cab homologation | | ROPS - FOPS cab (level 1) |

Options / Finishing

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

| | Essential | Classic | Premium |
|---------------------------------------------------------------|-----------|---------|---------|
| Lifting function | | | |
| Attachment hydraulic line | S | S | S |
| Boom suspension | O | O | S |
| Hydraulic attachment locking | S | S | S |
| Operator station | | | |
| Adjustable and telescopic steering column | S | S | S |
| Air conditioning with manual adjustment | - | O | - |
| Air prefilter | S | S | S |
| Air suspension seat | - | O | S |
| Canopy | S | - | - |
| Closed cab with heating | - | S | S |
| Floor mat | S | S | S |
| Manual air conditioning | - | - | S |
| Mechanical cloth seat (KAB) | S | S | - |
| Tuner car radio (50 W) | - | S | S |
| Motorization/Power | | | |
| Continuous flow hydraulics | S | S | S |
| Hand throttle | S | S | S |
| Speed control | O | O | S |
| Third speed | O | O | S |
| Lighting | | | |
| Complete road lighting | O | S | S |
| Flat Led Rotating Beacon | O | O | O |
| Front and rear LED work lights on cab (x4 : 2 front + 2 rear) | S/O** | O | S |
| Front and rear work lights on cab (x4) | S | S | - |

MLA 7-75 H-Z - Dimensional drawing





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