

Technical sheet :

MLA 6-65 H-Z



 **MANITOU**
HANDLING YOUR WORLD

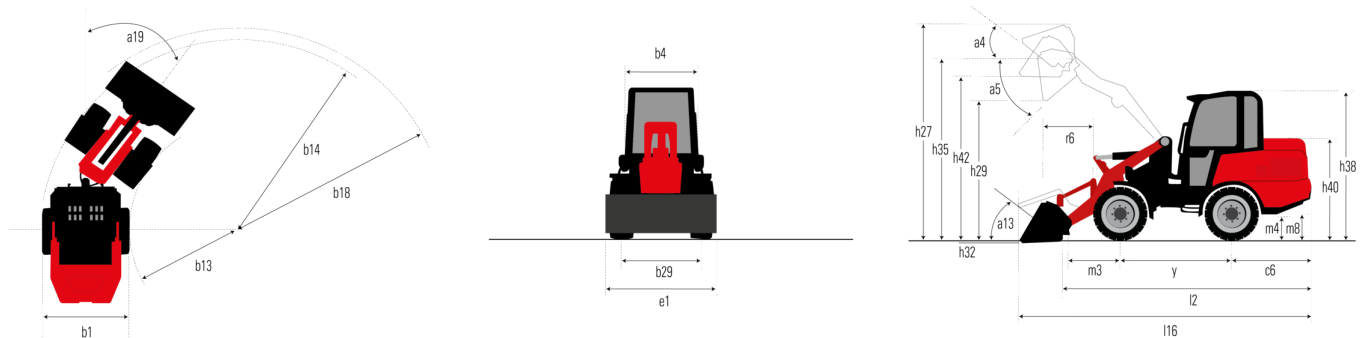
| Capacities | | Metric | Imperial |
|--|-----|--|--|
| Static tipping load with bucket (straight) | | 2907 kg | 6409 lb |
| Static tipping load with bucket (full turn) | | 2230 kg | 4916 lb |
| Static tipping load with forks (straight) | | 2259 kg | 4980 lb |
| Static tipping load with forks (full turn) | | 1778 kg | 3920 lb |
| Max. height of bucket pivot point | h35 | 3.32 m | 10 ft 11 in |
| Max. lifting height (below forks) | h3 | 3.13 m | 10 ft 3 in |
| Breakout force with bucket | | 5743 daN | 5743 daN |
| Weight and dimensions | | | |
| Unladen weight (with forks) with 4-post canopy | | 4150 kg | 9149 lb |
| Unladen weight (with forks) | | 4309 kg | 9500 lb |
| Wheelbase | y | 2.01 m | 6 ft 7 in |
| Overall width of 4 posts canopy | b22 | 1.28 m | 4 ft 2 in |
| Overall cab width | b4 | 1.28 m | 4 ft 2 in |
| Overall height with FOPS removed and ROPS folded | h36 | 1.98 m | 6 ft 6 in |
| Overall height with 4 posts canopy | h38 | 2.47 m | 8 ft 1 in |
| Overall height with cab | h17 | 2.47 m | 8 ft 1 in |
| Tilt-up angle | a4 | 45 ° | 45 ° |
| Tilt-down angle | a5 | 45 ° | 45 ° |
| Articulation angle | a19 | 45 ° | 45 ° |
| Overall width less bucket | b1 | 1.65 m | 5 ft 5 in |
| Overall length - Less Bucket | l2 | 4.26 m | 14 ft |
| Ground clearance | m4 | 0.37 m | 1 ft 3 in |
| Engine | | | |
| Engine brand | | Yanmar | Yanmar |
| Engine model | | 4TNV98CT_PGWL1 | 4TNV98CT_PGWL1 |
| Engine nom | | Stage IIIB | Stage IIIB |
| Number of cylinders / Capacity of cylinders | | 4 - 3300 cm³ | 4 - 201 in³ |
| I.C. Engine power rating / Power | | 65 Hp / 48.50 kW | 65 Hp / 48.50 kW |
| Max. torque / Engine rotation | | 280 Nm / 1560 rpm | 207 ft/lbs / 1560 rpm |
| Engine cooling system | | 2 radiators water + hydraulic oil | 2 radiators water + hydraulic oil |
| Transmission | | | |
| Transmission type | | Hydrostatic | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 | 2 / 2 |
| Max. travel speed (may vary according to applicable regulations) | | 30 km/h | 19 mph |
| Travel speed (laden) | | 20 km/h | 12 mph |
| Differential lock | | Front and rear locking of the machine | Front and rear locking of the machine |
| Parking brake | | Manual | Manual |
| Service brake | | Hydraulic drum brake on front axle, acting on all 4 wheels | Hydraulic drum brake on front axle, acting on all 4 wheels |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | Gear pump |
| Hydraulic flow - Pressure | | 70 l/min / 200 bar | 18 US gpm / 2901 PSI |
| High-Flow Option (l/min) | | 100 l/min | 26 US gpm |
| Drive hydraulic system pressure | | 420 bar | 6092 PSI |
| Tank capacities | | | |
| Hydraulic oil | | 74 l | 20 US gal |
| Fuel tank | | 95 l | 25 US gal |
| Noise and vibration | | | |
| Vibration on hands/arms | | < 2.50 m/s² | < 2.50 m/s² |
| Miscellaneous | | | |
| Cab certification | | ROPS - FOPS cab (level 1) | 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 |
| Operator station | | | |
| Adjustable and telescopic steering column | S | S | S |
| Air suspension seat | - | O | S |
| Canopy | S | - | - |
| Closed cab with heating | - | S | S |
| Floor mat | S | S | S |
| Tuner car radio - 50W | - | S | S |
| Motorization/Power | | | |
| Continuous flow hydraulics | S | S | S |
| Hand throttle | S | S | S |
| Self cleaning air prefilter | 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) | O | O | S |
| Front and rear work lights on cab (x4) | S | S | - |

MLA 6-65 H-Z - Dimensional drawing





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