

Technical sheet :

# MLA 4-50 H

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HANDLING YOUR WORLD

| Capacities   |     | Metric             |
|--|-----|--------------------|
| Static tipping load with bucket (straight)                       |     | 1540 kg            |
| Static tipping load with bucket (full turn)                      |     | 1355 kg            |
| Static tipping load with forks (straight)                        |     | 1175 kg            |
| Static tipping load with forks (full turn)                       |     | 1030 kg            |
| Max. height of bucket pivot point                                | h35 | 2836 mm            |
| Weight and dimensions  |     |                    |
| Unladen weight (with forks) with 4-post canopy                   |     | 2316 kg            |
| Wheelbase  | y   | 1650 mm            |
| Overall cab width  | b4  | 991 mm             |
| Overall height with 4 posts canopy                               | h38 | 2258 mm            |
| Dump reach - Full height   | r6  | 479 mm             |
| Hood Height  | h40 | 1405 mm            |
| Overall Operating Height - Fully Raised                          | h27 | 3636 mm            |
| Articulation angle   | a19 | 45 °               |
| Maximum oscillation angle  |     | 10 °               |
| Overall length with bucket                                       | l16 | 4279 mm            |
| Overall width less bucket  | b1  | 1100 mm            |
| Overall length - Less Bucket                                     | l2  | 3583 mm            |
| Rear overhang  | c6  | 1120 mm            |
| Dump angle - Fully raised  | a5  | 42 °               |
| Dump Height - Fully Raised                                       | h29 | 2126 mm            |
| Maximum Rollback Angle - Fully Raised                            | a4  | 48 °               |
| Maximum Rollback Angle at Ground                                 | a13 | 50 °               |
| Digging Position   | h32 | -79 mm             |
| Ground clearance   | m4  | 320 mm             |
| Clearance Radius - Front with Bucket                             | b18 | 3246 mm            |
| Clearance Radius - Less bucket                                   | b14 | 2767 mm            |
| Ground Plane to Bucket Edge Height                               | h42 | 2655 mm            |
| Tread width (wheel center)                                       | b29 | 836 mm             |
| Attachment Pivot Clearance                                       |     | 103 mm             |
| Height from ground to axle center                                | m8  | 214 mm             |
| Bucket Width   | e1  | 1520 mm            |
| Front Wheel Center to Pivot Pin                                  | m3  | 669 mm             |
| Height to Hinge Pin - Fully Raised                               | h28 | 2900 mm            |
| Engine   |     |                    |
| Engine brand   |     | Perkins            |
| Engine model   |     | 403J-E17T          |
| Engine norm  |     | Stage V            |
| Number of cylinders  |     | 3                  |
| I.C. Engine power rating / Power                                 |     | 48 Hp / 36 kW      |
| Max. torque / Engine rotation                                    |     | 166 Nm / 1600 rpm  |
| Engine cooling system  |     | Water              |
| Transmission   |     |                    |
| Transmission type  |     | Hydrostatic        |
| Number of gears (forward / reverse)                              |     | 2 / 2              |
| Max. travel speed (may vary according to applicable regulations) |     | 20 km/h            |
| Service brake  |     | Inching Brake      |
| Hydraulics   |     |                    |
| Hydraulic pump type  |     | Gear pump          |
| Hydraulic flow - Pressure  |     | 60 l/min / 207 bar |
| High-Flow Option (l/min)   |     | 60 l/min           |
| Tank capacities  |     |                    |
| Hydraulic oil  |     | 48 l               |
| Fuel tank  |     | 45 l               |

## MLA 4-50 H - Dimensional drawing





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