

Technical sheet :

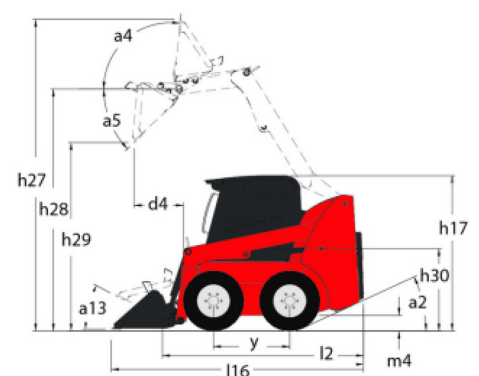
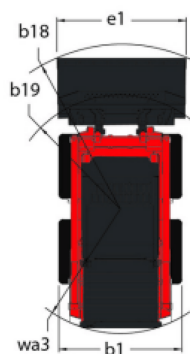
# 2100V



 **MANITOU**  
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| Capacities                                       |     | Metric            |
|--|-----|-------------------|
| Operating Capacity At 50% Tipping Load           |     | 952.54 kg         |
| Operating Weight                                 |     | 3393 kg           |
| Unladen weight                                   |     | 3045 kg           |
| Tipping capacity                                 |     | 1905 kg           |
| Weight and dimensions                            |     |                   |
| Operating Weight - Approximate                   |     | 3393 kg           |
| Overall Operating Height - Fully Raised          | h27 | 4013 mm           |
| Height to Hinge Pin – Fully Raised               | h28 | 3061 mm           |
| Overall Height to top of ROPS                    | h17 | 2032 mm           |
| Dump angle at full height                        | a5  | 42 °              |
| Dump height                                      | h29 | 2286 mm           |
| Overall length with bucket                       | l16 | 3543 mm           |
| Dump reach - Full height                         | r6  | 851 mm            |
| Rollback Angle at Full Height                    | a4  | 92 °              |
| Seat to ground height                            | h30 | 952.50 mm         |
| Overall width less bucket                        | b1  | 1704 mm           |
| Ground clearance                                 | m4  | 191 mm            |
| Overall length - Less Bucket                     | l2  | 2743 mm           |
| Clearance Radius - Front with Bucket             | b18 | 2146 mm           |
| Clearance Circle - Rear                          | wa1 | 1664 mm           |
| Performances                                     |     |                   |
| Travel Speed with Two-Speed Option - Maximum     |     | 18.70 km/h        |
| Travel speed (unladen)                           |     | 12.10 km/h        |
| Wheels   |     |                   |
| Transmission type                                |     | Hydrostatic       |
| Engine   |     |                   |
| Engine brand                                     |     | Yanmar            |
| Engine model                                     |     | 4TNV98C-NGL       |
| Engine norm                                      |     | Stage V, Tier 4   |
| Gross Power                                      |     | 51.70 kW          |
| Net Power  |     | 51 kW             |
| Max. torque / Engine rotation                    |     | 241 Nm / 1625 rpm |
| Power source                                     |     | Diesel            |
| Number of cylinders                              |     | 4                 |
| I.C. Engine power rating                         |     | 69.30 Hp          |
| Engine cooling system                            |     | Water             |
| Battery voltage                                  |     | 12 V              |
| Alternator - Ampere                              |     | 100 A             |
| Starter  |     | 3 kW              |
| Hydraulics                                       |     |                   |
| Standard flow - Auxiliary hydraulics             |     | 86.50 l/min       |
| Auxiliary Hydraulic Pressure                     |     | 239 bar           |
| High-Flow Auxiliary Hydraulics – Option          |     | 114 l/min         |
| High-Flow Auxiliary Hydraulics Pressure – Option |     | 200 bar           |
| Tank capacities                                  |     |                   |
| Fuel tank  |     | 106 l             |
| Displacement                                     |     | 3.30 l            |

## 2100V - Dimensional drawing





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