

Technical sheet :

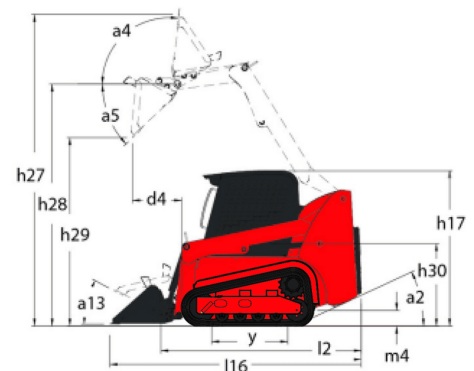
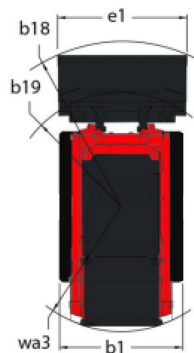
# 2100VT



 **MANITOU**  
HANDLING YOUR WORLD

| Capacities   |     | Metric            |
|--|-----|-------------------|
| Rated Operating Capacity                             |     | 952.54 kg         |
| Operating Capacity At 50% Tipping Load               |     | 1360.77 kg        |
| Rated Operating Capacity with Optional Counterweight |     | 997.90 kg         |
| Operating Weight                                     |     | 4021 kg           |
| Unladen weight                                       |     | 3651 kg           |
| Tipping capacity                                     |     | 2721 kg           |
| Weight and dimensions                                |     |                   |
| Overall Operating Height - Fully Raised              | h27 | 4026 mm           |
| Height to Hinge Pin - Fully Raised                   | h28 | 3073 mm           |
| Overall Height to top of ROPS                        | h17 | 2045 mm           |
| Dump angle at full height                            | a5  | 42 °              |
| Dump height  | h29 | 2300 mm           |
| Overall length with bucket                           | l16 | 3543 mm           |
| Dump reach - Full height                             | r6  | 927 mm            |
| Rollback Angle at Full Height                        | a4  | 92 °              |
| Seat to ground height                                | h30 | 965 mm            |
| Overall width less bucket                            | b1  | 1674 mm           |
| Ground clearance                                     | m4  | 191 mm            |
| Overall length - Less Bucket                         | l2  | 2743 mm           |
| Clearance Radius - Front with Bucket                 | b18 | 2210 mm           |
| Rear departure angle                                 |     | 25 °              |
| Performances   |     |                   |
| Travel speed (unladen)                               |     | 10.30 km/h        |
| Travel Speed with Two-Speed Option - Maximum         |     | 15.30 km/h        |
| Wheels   |     |                   |
| Transmission type                                    |     | Hydrostatic       |
| Engine   |     |                   |
| Engine brand   |     | Yanmar            |
| Engine model   |     | 4TNV98C-NGL       |
| Engine norm  |     | Stage V           |
| 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                         |     | 239.59 bar        |
| High-Flow Auxiliary Hydraulics - Option              |     | 114 l/min         |
| High-Flow Auxiliary Hydraulics Pressure - Option     |     | 229.25 bar        |
| Tank capacities                                      |     |                   |
| Fuel tank  |     | 143.80 l          |
| Hydraulic tank capacity                              |     | 22.70 l           |
| Displacement   |     | 3.30 l            |

## 2100VT - Dimensional drawing





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