

Technical sheet :

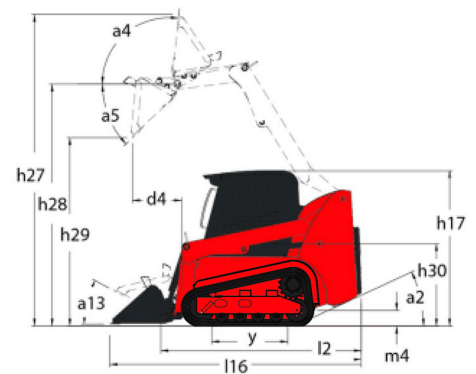
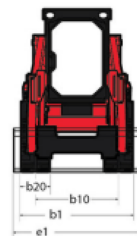
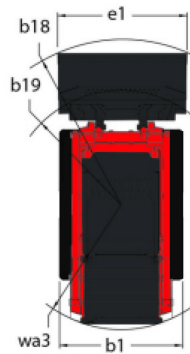
2100VT



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Imperial |
|--|-----|-----------------------|
| Rated Operating Capacity | | 2100 lb |
| Operating Capacity At 50% Tipping Load | | 3000 lb |
| Rated Operating Capacity with Optional Counterweight | | 2200 lb |
| Operating Weight | | 8865 lb |
| Unladen weight | | 8049 lb |
| Tipping capacity | | 5999 lb |
| Weight and dimensions | | |
| Overall Operating Height - Fully Raised | h27 | 159 in |
| Height to Hinge Pin - Fully Raised | h28 | 121 in |
| Overall Height to top of ROPS | h17 | 81 in |
| Dump angle at full height | a5 | 42 ° |
| Dump height | h29 | 91 in |
| Overall length with bucket | l16 | 139 in |
| Dump reach - Full height | r6 | 36 in |
| Rollback Angle at Full Height | a4 | 92 ° |
| Seat to ground height | h30 | 38 in |
| Overall width less bucket | b1 | 66 in |
| Ground clearance | m4 | 8 in |
| Overall length - Less Bucket | l2 | 108 in |
| Clearance Radius - Front with Bucket | b18 | 87 in |
| Rear departure angle | | 25 ° |
| Performances | | |
| Travel speed (unladen) | | 6 mph |
| Travel Speed with Two-Speed Option - Maximum | | 10 mph |
| 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 | | 178 ft/lbs / 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 | | 23 US gpm |
| Auxiliary Hydraulic Pressure | | 3475 PSI |
| High-Flow Auxiliary Hydraulics - Option | | 30 US gpm |
| High-Flow Auxiliary Hydraulics Pressure - Option | | 3325 PSI |
| Tank capacities | | |
| Fuel tank | | 38 US gal |
| Hydraulic tank capacity | | 6 US gal |
| Displacement | | 0.87 US gal |

2100VT - Dimensional drawing





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