

Technical sheet :

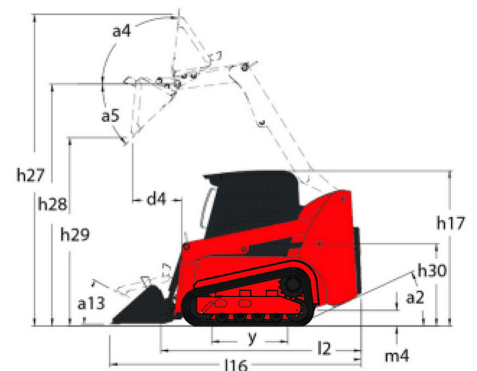
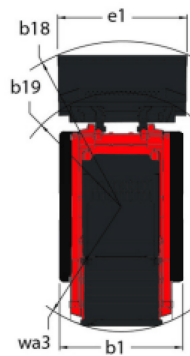
2100VT



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Operating Capacity At 50% Tipping Load		1361 kg	3000 lb
Operating Weight		4021 kg	8865 lb
Unladen weight		3651 kg	8049 lb
Tipping capacity		2721 kg	5999 lb
Weight and dimensions			
Operating Weight - Approximate		4021 kg	8865 lb
Overall Operating Height - Fully Raised	h27	4026 mm	159 in
Height to Hinge Pin - Fully Raised	h28	3073 mm	121 in
Overall Height to Top of ROPS	h17	2045 mm	81 in
Dump angle at full height	a5	42 °	42 °
Dump height	h29	2300 mm	91 in
Overall length with bucket	l16	3543 mm	139 in
Dump reach - Full height	r6	927 mm	36 in
Rollback Angle at Full Height	a4	92 °	92 °
Seat to ground height	h30	965 mm	38 in
Overall width less bucket	b1	1674 mm	66 in
Ground clearance	m4	191 mm	8 in
Overall length - Less Bucket	l2	2743 mm	108 in
Clearance Radius - Front with Bucket	b18	2210 mm	87 in
Clearance Circle - Rear	wa1	1600 mm	63 in
Performances			
Travel Speed with Two-Speed Option - Maximum		15.30 km/h	10 mi/h
Travel speed (unladen)		10.30 km/h	6 mi/h
Wheels			
Transmission type		Hydrostatic	Hydrostatic
Engine			
Engine brand		Yanmar	Yanmar
Engine model		4TNV98C-NGL	4TNV98C-NGL
Engine norm		Stage V	Stage V
Gross Power (kW)		51.70 kW	52 kW
Net Power (kW)		51 kW	51 kW
Max. torque / Engine rotation		241 Nm / 1625 rpm	178 ft/lbs / 1625 rpm
Number of cylinders		4	4
Engine cooling system		Water	Water
Battery		12 V	12 V
Alternator - Ampere		100 A	100 A
Starter (kW)		3 kW	3 kW
Hydraulics			
Standard flow - Auxiliary hydraulics		86.50 l/min	23 US gpm
Auxiliary Hydraulic Pressure		239.59 bar	3475 PSI
High-Flow Auxiliary Hydraulics - Option		114 l/min	30 US gpm
High-Flow Auxiliary Hydraulics Pressure - Option		229.25 bar	3325 PSI
Tank capacities			
Fuel tank		143.80 l	38 US gal
Displacement		3.30 l	0.87 US gal

2100VT - Dimensional drawing





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