

Technical sheet :

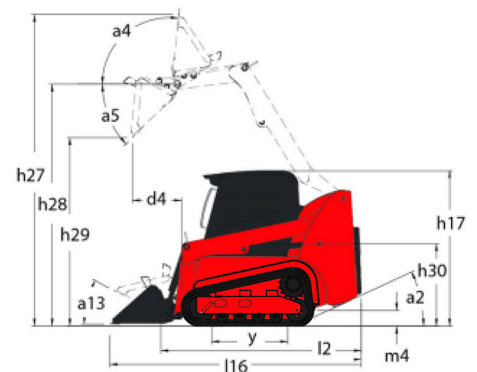
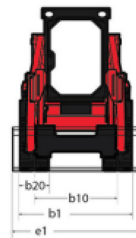
2300VT



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Rated Operating Capacity		1490 kg	3285 lb
Operating Capacity At 50% Tipping Load		1043 kg	2299 lb
Rated Operating Capacity with Optional Counterweight		1090.89 kg	2405 lb
Operating Weight		4196 kg	9251 lb
Unladen weight		3817 kg	8415 lb
Weight and dimensions			
Operating Weight - Approximate		4196 kg	9251 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	3589 mm	141 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	1753 mm	69 in
Ground clearance	m4	191 mm	8 in
Overall length - Less Bucket	l2	2789 mm	110 in
Clearance Radius - Front with Bucket	b18	2235 mm	88 in
Clearance Circle - Front without Bucket	b19	1374 mm	54 in
Clearance Circle - Rear	wa1	1625 mm	64 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		4TNV98CT-XNGL	4TNV98CT-XNGL
Engine nom		Stage V	Stage V
Gross Power (kW)		53.70 kW	54 kW
Net Power (kW)		52.70 kW	53 kW
Max. torque / Engine rotation		294 Nm / 1800 rpm	217 ft/lbs / 1800 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		148.80 l	39 US gal
Displacement		3.30 l	0.87 US gal
Coolant system capacity		18 l	5 US gal

2300VT - Dimensional drawing





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