

Technical sheet :

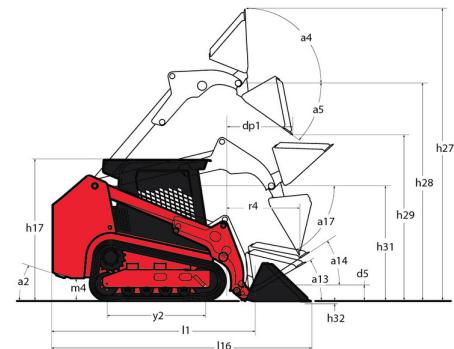
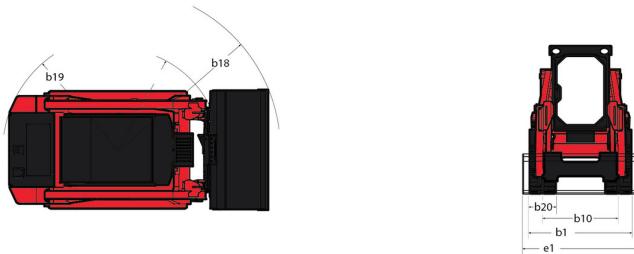
3200VT



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity	Q	4148 kg	
Operating Weight		5267 kg	
Operating Capacity at 35% Tipping Load		1452 kg	
Operating Capacity At 50% Tipping Load		2074 kg	
Tipping capacity		4148 kg	
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	4293 mm	
Height to Hinge Pin - Fully Raised	h28	3302 mm	
Dump reach - Full height	r6	1026 mm	
Dump angle at full height	a5	41 °	
Dump Height - Fully Raised	h29	2530 mm	
Maximum Rollback Angle - Fully Raised	a4	90 °	
Overall Height to top of ROPS	h17	2111 mm	
Overall length with bucket	l16	4059 mm	
Departure angle	a2	24 °	
Overall Length without Bucket	l1	3243 mm	
Specified Height	h31	1938 mm	
Reach at Specified Height	r4	751 mm	
Dump angle at specified height	a17	68 °	
Carry Position	d5	199 mm	
Maximum Rollback Angle at Carry Position	a14	31 °	
Digging Position	h32	19 mm	
Angle of Departure with STD Counterweight		24 °	
Ground clearance	m4	309 mm	
Track gauge	b10	1313 mm	
Track Shoe Width	b20	450 mm	
Crawler base	y2	1570 mm	
Overall width less bucket	b1	1766 mm	
Bucket Width	e1	2131 mm	
Clearance Radius - Front with Bucket	b18	2442 mm	
Angle of Approach	a3	90 °	
Grouser Height		25.40 mm	
Track Type / Track Rollers / Roller Type		Rubber / 5 / Steel	
Performances			
Ground Speed - Single Speed		8.60 km/h	
Ground Speed - Two Speed		12.60 km/h	
Drawbar Pull/Tractive Effort		5792 kg	
Bucket Breakout - Tilt Cylinder		4492 kg	
Bucket Breakout - Lift Cylinder		3398 kg	
Engine			
Engine brand		Deutz	
Engine model		TD 3.6	
Motor Type		Axial Piston with Planetary Gear Box Reduction	
Engine power (Hp)		114 Hp	
Engine power (kW)		85 kW	
Max. torque		430 Nm	
Battery voltage		12 V	
Cold Cranking Amps at Temperature (CCA)		950 A	
Alternator - Voltage / Ampere		14 V / 95 A	
Hydraulics			
Standard flow - Auxiliary hydraulics		102.20 l/min	
High-Flow Auxiliary Hydraulics - Option		142.71 l/min	
Tank capacities			
Oil Pan Capacity		8.50 l	
Hydraulic tank capacity		62.50 l	
Fuel		123 l	
Cooling liquid		19.30 l	
Displacement / Number of cylinders		3.60 l / 4	
Miscellaneous			
Ground Pressure		0.37 bar	

3200VT - Dimensional drawing



Equipment

Lifting function		
All-Tach® Attachment Mounting System		Standard
Auxiliary Hydraulics		Standard
Electronic Attachment Control - 14-Pin Connector		Optional
High-Flow Auxiliary Hydraulics		Optional
IdealTrax® automatic track tensioning system		Standard
Power-A-Tach® Attachment Mounting System		Optional
Motorization/Power		
Combination Radiator & Hydraulic Oil Cooler		Standard
Dual-Element Air Cleaner with Indicator		Standard
ECO Mode		Standard
Elevated Planetary Final Drives		Standard
Glowplugs Starts Assist		Standard
Two-Speed Hydrostatic Drive System		Standard
Operator station		
Air suspension seat		Optional
Foot Throttle		Standard
Full-Suspension Seat		Standard
IdealAccess™ Fold-Up Door		Optional
Multi-Function Display Screen		Standard
Pressurized Cab Enclosure with A/C		Optional
Rearview Camera		Standard
ROPS/FOPS Level II Overhead Guard		Standard
Sliding Side Windows		Standard
Swing-out Cab Door		Standard
Other options		
Selectable Self-Leveling Hydraulic Lift Action 4		Optional
Pneumatics		
Rubber Track Undercarriage System		Standard
Single Flange Front/Dual Flange Rear Idlers		Standard
Secondary functions		
Counterweight		Standard
Dedicated Undercarriage		Standard
Security		
Anti-Vandalism Lock Provisions		Standard
Back-Up Alarm		Standard
Easy Manager		Standard
Engine Alert System with Error Display		Standard
Mechanical Lift Cylinder Lock		Standard
Tilt-out Foot Pod		Standard



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