

Technical sheet :

# **3200 VT**

---



Capacities		Metric	Imperial
Max. capacity	Q	4148 kg	9145 lbs
Operating Weight		5267 kg	11612 lbs
Operating Capacity at 35% Tipping Load		1452 kg	3201 lbs
Operating Capacity At 50% Tipping Load		2074 kg	4572 lbs
Tipping capacity		4148 kg	9145 lbs
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	4293 mm	169.016 in
Height to Hinge Pin - Fully Raised	h28	3302 mm	130 in
Reach - Fully Raised	dp1	1026 mm	40.394 in
Dump angle at full height	a5	41 °	41 °
Dump Height - Fully Raised	h29	2530 mm	99.606 in
Maximum Rollback Angle - Fully Raised	a4	90 °	90 °
Overall Height to Top of Rops	h17	2111 mm	83.11 in
Overall length with bucket	l16	4059 mm	159.803 in
Departure angle	a2	24 °	24 °
Overall Length without Bucket	l1	3243 mm	127.677 in
Specified Height	h31	1938 mm	76.299 in
Reach at Specified Height	r4	751 mm	29.567 in
Dump angle at specified height	a17	68 °	68 °
Maximum Rollback Angle at Ground	a13	31 °	31 °
Carry Position	d5	199 mm	7.835 in
Maximum Rollback Angle at Carry Position	a14	31 °	31 °
Digging Position	h32	19 mm	0.748 in
Angle of Departure with STD Counterweight		24 °	24 °
Ground clearance	m4	309 mm	1013 ft 9 in
Track gauge	b10	1313 mm	51.693 in
Track Shoe Width	b20	450 mm	17.717 in
Crawler base	y2	1570 mm	61.811 in
Overall width less bucket	b1	1766 mm	69.528 in
Bucket Width	e1	2131 mm	83.898 in
Clearance Radius - Front with Bucket		2442 mm	96.142 in
Clearance Circle - Rear	wa1	1870 mm	73.622 in
Maximum rollback at specified height		64.5 °	64.5 °
Angle of Approach		90 °	90 °
Grouser Height		25.4 mm	1 in
Track Type / Track Rollers / Roller Type		Rubber / 5 / Steel	Rubber / 5 / Steel
Performances			
Ground Speed - Single Speed		8.6 km/h	5.3 mph
Ground Speed - Two Speed		12.6 km/h	7.8 mph
Drawbar Pull/Tractive Effort		5792 kg	12769 lbs
Bucket Breakout - Tilt Cylinder		4492 kg	9903 lbs
Bucket Breakout - Lift Cylinder		3398 kg	7491 lbs
Engine			
Engine brand		Deutz	Deutz
Engine model		TD 3.6 EPA Final	TD 3.6 EPA Final
Motor Type		Axial Piston with Planetary Gear Box Reduction	Axial Piston with Planetary Gear Box Reduction
Gross Power (kW) / Gross Power		85 kW / 2300 tr/min	85 kW / 2300 tr/min
Net Power (kW) / Net Power		80.8 kW / 2300 tr/min	80.8 kW / 2300 tr/min
Max. torque		430 Nm/m	430 Nm/m
Battery		12 V	12 V
Cold Cranking Amps at Temperature (CCA)		950	950
Alternator - Voltage / Ampere		14 V / 95 A	14 V / 95 A
Hydraulics			
Auxiliary hydraulics		102.2 l/min	102.2 l/min
Tank capacities			
Oil Pan Capacity		8.50 l	1.87 gal
Hydraulic tank capacity		62.50 l	13.75 gal
Fuel tank		123 l	27.06 gal
Coolant Capacity		19.30 l	4.25 gal
Displacement / Number of cylinders		3.60 l / 4	0.79 gal / 4

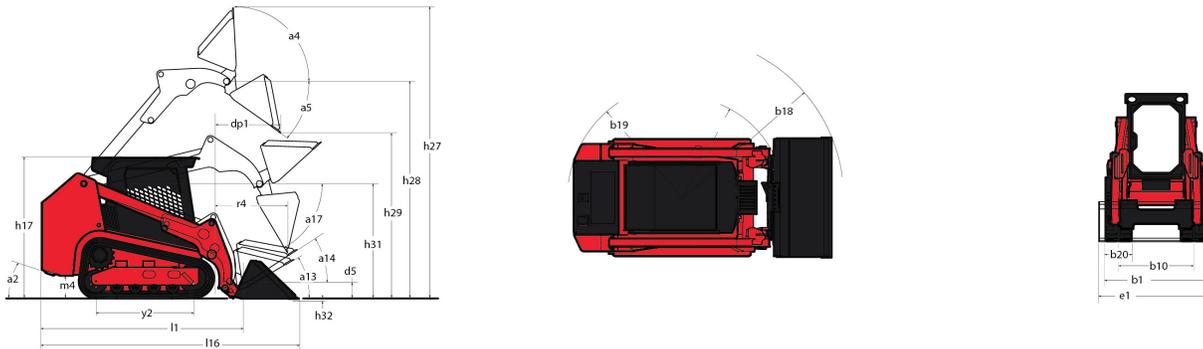
Miscellaneous

Ground Pressure

0 Bar

0 PSI

## Dimensional drawing



## Equipment

---	
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
<b>Lifting function</b>	
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
<b>Motorization/Power</b>	
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
<b>Operator station</b>	
Air suspension seat	Optional
Foot Throttle	Standard
Full-Suspension Seat	Standard
IdealAccess™ Fold-Up Door	Optional
Multi-Function 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
<b>Pneumatics</b>	
Rubber Track Undercarriage System	Standard
Single Flange Front/Dual Flange Rear Idlers	Standard
<b>Safety</b>	
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

**Secondary functions**

Counterweight

Dedicated Undercarriage

**Standard**

Standard

Standard



Siège Social

430 rue de l'Aubinière - 44150 Ancenis Cedex - France

Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508  
RCS Nantes