Technical sheet:

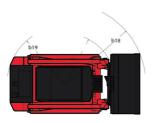
1050RT



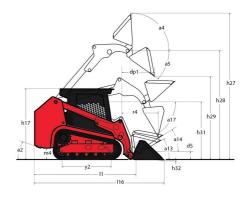


	1030RT Greated	on September 10, 2025 at 1:13 AM UTC
Capacities		Metric
Operating Weight		2141 kg
Unladen weight		1928 kg
Operating Capacity at 35% Tipping Load		476 kg
Operating Capacity At 50% Tipping Load		680 kg
Tipping capacity		1361 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	3650 mm
Height to Hinge Pin - Fully Raised	h28	2769 mm
Dump reach - Full height	r6	673.10 mm
Dump angle at full height	a5	38 °
Dump Height - Fully Raised	h29	2134 mm
Maximum Rollback Angle - Fully Raised	a4	102 °
Overall Height to top of ROPS	h17	1816 mm
Overall length with bucket	I16	2985 mm
Overall Length without Bucket	l1	2258 mm
Specified Height	h31	1466 mm
Reach at Specified Height	r4	991 mm
Dump angle at specified height	a17	72 °
Carry Position	d5	127 mm
Maximum Rollback Angle at Carry Position	a14	32 °
Digging Position	h32	0 mm
Angle of Departure with STD Counterweight		35 °
Ground clearance	m4	191 mm
Track gauge	b10	1039 mm
Track Shoe Width	b20	250 mm
Crawler base	y2	1283 mm
Overall width less bucket	b1	1290 mm
Bucket Width	e1	1372 mm
Clearance Radius - Front with Bucket	b18	1854 mm
Angle of Approach	a3	90 °
Grouser Height		25 mm
Track Type / Track Rollers / Roller Type		Rubber / 4 / Steel
Performances Crown Cross Circle Cross		10.10 km/h
Ground Speed - Single Speed		1996 kg
Drawbar Pull/Tractive Effort		
Bucket Breakout - Tilt Cylinder		1346 kg 1376 kg
Bucket Breakout - Lift Cylinder Engine		1370 kg
Engine brand		Yanmar
Engine model		3TNV88C-KMSV
Motor Type		Radial Piston
Gross Power		2800 rpm
Net Power / Power		23.70 kW / 2800 rpm
Max. torque		109.40 Nm
I.C. Engine power rating		34.20 Hp
Battery voltage		12 V
Cold Cranking Amps at Temperature (CCA)		800 A
Alternator - Voltage / Ampere		12 V / 55 A
Hydraulics		12 17 30 7
Standard flow - Auxiliary hydraulics		55 l/min
Tank capacities		55.,
Oil Pan Capacity		5.87 l
Hydraulic tank capacity		301
Fuel tank		361
Liquid cooling tank volume		6.62
Displacement / Number of cylinders		1.641/3
Noise and vibration		
Noise to environment (LwA)		101 dB
Noise at driving position (LpA)		85.80 dB
Miscellaneous		
Ground Pressure		0.33 bar

1050RT - Dimensional drawing







Equipment

All-Tach® Attachment Mounting System Auxiliary Hydraulics Standard Motorization/Power Combination Radiator & Hydraulic Dil Cooler Dual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Glowplugs Starts Assist Operator station Foot Throttle Full-Suspension Seat Multi-Function Display Screen Standard Sliding Side Windows Standard Swing-out Cab Door Standard Optional Sundard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Dedicated Undercarriage Standard Secuty Anti-Vandalism Protection Standard Secondary functions Counterweight Standard Secuty Anti-Vandalism Protection Standard	Lifting function	
IdealTrax® automatic track tensioning system Standard Motorization/Power Standard Combination Radiator & Hydraulic Oil Cooler Standard Dual-Element Air Cleaner with Indicator Standard Engine Auto-Shutdown System Optional Glowplugs Starts Assist Standard Operator station Foot Throttle Standard Full-Suspension Seat Optional Multi-Function Display Screen 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 Standard Rubber Track Undercarriage System Standard Secondary functions Standard Counterweight Standard Dedicated Undercarriage Standard Security Anti-Yandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	All-Tach® Attachment Mounting System	Standard
Motorization/Power Combination Radiator & Hydraulic Oil Cooler Dual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Optional Glowplugs Starts Assist Standard Operator station Foot Throttle Standard Full-Suspension Seat Optional Multi-Function Display Screen Standard ROPS/FOPS Level II Overhead Guard Sliding Side Windows Standard Sliding Side Windows Standard Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display	Auxiliary Hydraulics	Standard
Combination Radiator & Hydraulic Oil Cooler Dual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Optional Glowplugs Starts Assist Standard Operator station Foot Throttle Full-Suspension Seat Multi-Function Display Screen ROPS/FOPS Level II Overhead Guard Stiding Side Windows Standard Swing-out Cab Door Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Scondary functions Counterweight Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display Standard Engine Alert System with Error Display	IdealTrax® automatic track tensioning system	Standard
Dual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Optional Glowplugs Starts Assist Standard Operator station Foot Throttle Standard Full-Suspension Seat Optional Multi-Function Display Screen Standard ROPS/FOPS Level II Overhead Guard Sliding Side Windows Standard Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Secondary functions Counterweight Dedicated Undercarriage Scondary Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display	Motorization/Power	
Engine Auto-Shutdown System Glowplugs Starts Assist Coperator station Foot Throttle Foot Throttle Full-Suspension Seat Multi-Function Display Screen Standard ROPS/FOPS Level II Overhead Guard Stiding Side Windows Standard Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Secondary functions Counterweight Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display Standard Engine Alert System with Error Display	Combination Radiator & Hydraulic Oil Cooler	Standard
Glowplugs Starts Assist Operator station Foot Throttle Foot Throttle Full-Suspension Seat Multi-Function Display Screen ROPS/FOPS Level II Overhead Guard Standard Stinding Side Windows Standard Swing-out Cab Door Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Secondary functions Counterweight Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Standard Engine Alert System with Error Display	Dual-Element Air Cleaner with Indicator	Standard
Operator station Standard Foot Throttle Standard Full-Suspension Seat Optional Multi-Function Display Screen 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 Standard Rubber Track Undercarriage System Standard Secondary functions Standard Counterweight Standard Dedicated Undercarriage Standard Security Standard Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Engine Auto-Shutdown System	Optional
Foot Throttle Standard Full-Suspension Seat Optional Multi-Function Display Screen 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 Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display	Glowplugs Starts Assist	Standard
Full-Suspension Seat Optional Multi-Function Display Screen 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 Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display	Operator station	
Multi-Function Display Screen ROPS/FOPS Level II Overhead Guard Standard Standard Sliding Side Windows Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Sceondary functions Counterweight Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard	Foot Throttle	Standard
ROPS/FOPS Level II Overhead Guard Standard Sliding Side Windows Standard Wing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Optional Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Standard Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display Standard	Full-Suspension Seat	Optional
Sliding Side Windows Standard Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Standard Engine Alert System with Error Display	Multi-Function Display Screen	Standard
Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Optional Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Engine Alert System with Error Display Standard	ROPS/FOPS Level II Overhead Guard	Standard
Other options Selectable Self-Leveling Hydraulic Lift Action 4 Optional Pneumatics Rubber Track Undercarriage System Standard Secondary functions U Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Sliding Side Windows	Standard
Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Easy Manager Engine Alert System with Error Display Optional Optional Standard	Swing-out Cab Door	Standard
Pneumatics Rubber Track Undercarriage System Standard Secondary functions Undercarriage Counterweight Standard Dedicated Undercarriage Standard Security Undercarriage Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Other options	
Rubber Track Undercarriage System Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard Standard Standard Standard Standard Standard	Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Standard Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Pneumatics	
Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Rubber Track Undercarriage System	Standard
Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Secondary functions	
Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Counterweight	Standard
Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Dedicated Undercarriage	Standard
Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	Security	
Easy Manager Standard Engine Alert System with Error Display Standard	Anti-Vandalism Protection	Standard
Engine Alert System with Error Display Standard	Back-Up Alarm	Standard
	Easy Manager	Standard
Mechanical Lift Cylinder Lock Standard	Engine Alert System with Error Display	Standard
	Mechanical Lift Cylinder Lock	Standard





Head Office

B.P. 249 - 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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

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