Technical sheet:

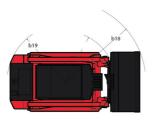
1050RT



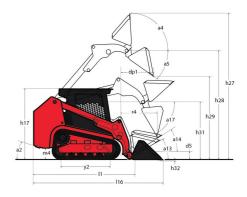


	1050RT Created on 18 May 2024 a	
Capacities	Metric	
Operating Weight	2141 kg	
Jnladen weight	1928 kg	
Derating Capacity at 35% Tipping Load	476 kg	
Operating Capacity At 50% Tipping Load	680 kg	
lipping capacity	1361 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 3650 mm	
Height to Hinge Pin – Fully Raised	h28 2769 mm	
Oump reach - Full height		П
Dump angle at full height	a5 38 °	
ump Height - Fully Raised	h29 2134 mm	
faximum Rollback Angle - Fully Raised	a4 102°	
verall Height to top of ROPS	h17 1816 mm	
verall length with bucket	l16 2985 mm	I
verall Length without Bucket	I1 2258 mm	i
pecified Height	h31 1466 mm	
each at Specified Height	r4 991 mm	
ump angle at specified height	a17 72°	
Maximum Rollback Angle at Ground	a13 32°	
	d5 127 mm	
arry Position		
Maximum Rollback Angle at Carry Position	a14 32 °	
ligging Position	h32 0 mm	
angle of Departure with STD Counterweight	35 °	
Ground clearance	m4 191 mm	
rack gauge	b10 1039 mm	
rack Shoe Width	b20 250 mm	
Crawler base	y2 1283 mm	i
verall width less bucket	b1 1290 mm	
ucket Width	e1 1372 mm	
Clearance Radius - Front with Bucket	b18 1854 mm	
Clearance Circle - Rear	wa1 1290 mm	
	72°	
Maximum rollback at specified height		
Angle of Approach	a3 90 °	
Grouser Height Grouser Height	25 mm	
rack Type / Track Rollers / Roller Type	Rubber / 4 / S	iteel
Performances		
Fround Speed - Single Speed	10.10 km/	h
rawbar Pull/Tractive Effort	1996 kg	
lucket Breakout - Tilt Cylinder	1346 kg	
lucket Breakout - Lift Cylinder	1376 kg	
ingine		
ngine brand	Yanmar	
ngine model	3TNV88C-KN	ASV.
Notor Type	Radial Pisto	
ross Power / Power	25.50 kW @ 280	
let Power / Power	23.70 kW / 280	•
fax. torque	109.40 Nn	
C. Engine power rating	34.20 Hp	
attery voltage	12 V	
old Cranking Amps at Temperature (CCA)	800 A	
Iternator - Voltage / Ampere	12 V / 55 A	А
ydraulics		
tandard flow - Auxiliary hydraulics	55 l/min	
ank capacities		
il Pan Capacity	5.87 I	
	301	
lydraulic oil tank capacity		
uel tank	361	
coolant system capacity	6.62	
isplacement / Number of cylinders	1.641/3	
loise and vibration		
loise to environment (LwA)	101 dB	
Noise at driving position (LpA)	85.80 dB	
Miscellaneous		
Ground Pressure	0.33 bar	

1050RT - Dimensional drawing







Equipment

Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
IdealTrax™ Automatic Track Tensioning System	Standard
Motorization/Power	
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 Control of the Control	
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	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