Technical sheet :





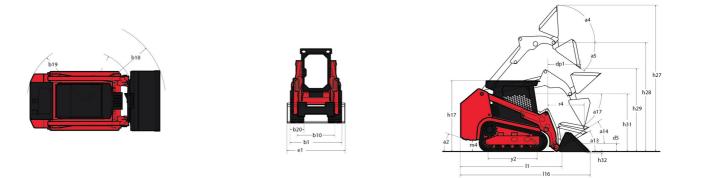


Capacities	
Operating Weight	
Unladen weight	
Operating Capacity at 35% Tipping Load	
Operating Capacity At 50% Tipping Load	
Tipping capacity	
Weight and dimensions	
Overall Operating Height - Fully Raised	h27
Height to Hinge Pin – Fully Raised	h28
Dump reach - Full height	гб
Dump angle at full height	a5
Dump Height - Fully Raised	h29
Maximum Rollback Angle - Fully Raised	a4
Overall Height to top of ROPS	h17
Overall length with bucket	116
Overall Length without Bucket	1
Specified Height	h31
Reach at Specified Height	r4
Dump angle at specified height	a17
Maximum Rollback Angle at Ground	a13
Carry Position	d5
Maximum Rollback Angle at Carry Position	a14
Digging Position	h32
Angle of Departure with STD Counterweight	1132
Ground clearance	m4
Track gauge	b10
Track Shoe Width	b10
Crawler base	y2
Overall width less bucket	52 b1
Bucket Width	e1
Clearance Radius - Front with Bucket	b18
Clearance Circle - Rear	wa1
Maximum rollback at specified height	Wai
Angle of Approach	a3
Grouser Height	83
Track Type / Track Rollers / Roller Type	
Hack Type / Hack Rollers / Roller Type	
Performances	
Ground Speed - Single Speed	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder <mark>Engine</mark>	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder <mark>Engine</mark> Engine brand	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power Max. torque	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power Net Power Max. torque I.C. Engine power rating	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power Net Power Max. torque I.C. Engine power rating Battery voltage	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA)	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Hydraulics	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Bater Motor Type Gross Power / Power Motor Type Gross Power / Power Net Power / Power Net Power / Power Net Power / Power Net Power / Power Standard Inder Stater Hydraulics Standard flow - Auxiliary hydraulics Tank capacity	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Bater Motor Type Gross Power / Power Motor Type Gross Power / Power Net Power / Power Net Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacity Oil Pan Capacity Hydraulic oil tank capacity	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Bater Band Motor Type Gross Power / Power Motor Type Gross Power / Power Net Power / Power Net Power / Power Net Power / Power Max. torque L.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacity Hydraulic oil tank capacity Fuel tank	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Baten Motor Type Gross Power / Power Net Power / Power Net Power / Power Net Power / Power I.C. Engine power rating Batteny voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxillary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Nax. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power Net Power Net Power / Power I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders Net Powen / Powen Net Powen / Power	
Ground Speed - Single Speed Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power Net Power Net Power Max. torque I.C. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Altemator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders Net Sendard	
Drawbar Pull/Tractive Effort Bucket Breakout - Tilt Cylinder Bucket Breakout - Lift Cylinder Engine Engine brand Engine model Motor Type Gross Power / Power Net Power / Power Net Power / Power Nax. torque LC. Engine power rating Battery voltage Cold Cranking Amps at Temperature (CCA) Alternator - Voltage / Ampere Hydraulics Standard flow - Auxiliary hydraulics Tank capacities Oil Pan Capacity Hydraulic oil tank capacity Fuel tank Coolant system capacity Displacement / Number of cylinders	

1050RT	Created on N	/lay 18,	2024 at	7:06:55	AM UTC
--------	--------------	----------	---------	---------	--------

JURI	Gleated Off May 10, 2024 at 7.00.33 AM 010
	Metric
	2141 kg
	1928 kg
	476 kg
	680 kg
	1361 kg
h27	3650 mm
h28	2769 mm
rб	673.10 mm
a5	38 °
h29	2134 mm
a4	102 °
h17	1816 mm
116	2985 mm
11	2258 mm
h31 r4	1466 mm 991 mm
14 a17	72 °
a17 a13	32 °
d5	127 mm
a14	32 °
h32	0 mm
	35 °
m4	191 mm
b10	1039 mm
b20	250 mm
y2 b1	1283 mm 1290 mm
e1	1372 mm
b18	1854 mm
wa1	1290 mm
	72 °
a3	90 °
	25 mm
	Rubber / 4 / Steel
	10.10 km/h
	1996 kg
	1346 kg
	1376 kg
	Yanmar 3TNV88C-KMSV
	Radial Piston
	25.50 kW @ 2800 rpm
	23.70 kW / 2800 rpm
	109.40 Nm
	34.20 Hp
	12 V
	800 A
	12 V / 55 A
	55 l/min
	5.87 l
	30 I
	361
	6.62 l 1.64 l / 3
	1.041/ 3
	101 dB
	85.80 dB
	0.33 bar

## 1050RT - Dimensional drawing



## Equipment

Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
IdealTrax <sup>™</sup> 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	
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