Technical sheet:

1050RT



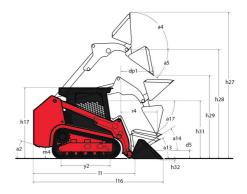


	1050RT Created	on September 9, 2025 at 9:01 PM UT
Capacities		Metric
Operating Weight		2141 kg
Unladen weight		1928 kg
Operating Capacity at 35% Tipping Load		476 kg
Operating Capacity At 50% Tipping Load		680 kg
Tipping capacity		1361 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	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	l16	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		Nabbet, 1, See.
Ground Speed - Single Speed		10.10 km/h
Drawbar Pull/Tractive Effort		1996 kg
Bucket Breakout - Tilt Cylinder		1346 kg
Bucket Breakout - Lift Cylinder		1376 kg
Engine 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 Hydraulics		12 V / 33 A
·		55 I/min
Standard flow - Auxiliary hydraulics		33 I/IIIIII
Tank capacities		5.87 l
Oil Pan Capacity Hydraulic tank capacity		
		30
Fuel tank		361
Liquid cooling tank volume		6.62
Displacement / Number of cylinders		1.64 / 3
Noise and vibration		404 ID
Noise to environment (LwA)		101 dB
Noise at driving position (LpA)		85.80 dB
Miscellaneous		

1050RT - Dimensional drawing







Equipment

All-Tach® Attachment Mounting System Standard Auxiliary Hydraulics Standard IdealTrax® automatic track tensioning system Standard Motorization/Power Combination Radiator & Hydraulic Oil Cooler Combination Radiator & Hydraulic Oil Cooler Standard Dual-Element Air Cleaner with Indicator Standard Engine Auto-Shutdown System Optional Glowplugs Starts Assist Standard Operator station U Foot Throttle Standard Foll-Suspension Seat Optional Multi-Function Display Screen Standard ROPS/FOPS Level II Overhead Guard Standard Siding 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 Back-Up Alarm	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 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 Stelectable Self-Leveling Hydraulic Lift Action 4 Optional Pneumatics Standard Rubber Track Undercarriage System Standard Secondary functions Standard Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Standard Back-Up Alarm Standard Easy Manager Standard Engine Alert System with Error Display Standard	All-Tach® Attachment Mounting System	Standard
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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 Standard 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



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