Technical sheet:

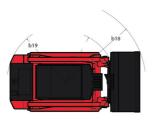
## **1050RT**



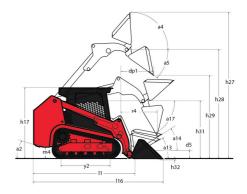


	1050RT Created	on September 9, 2025 at 9:01 PM UT
Capacities		Metric
Operating Weight		2141 kg
Unladen weight		1928 kg
Operating Capacity at 35% Tipping Load		476 kg
Operating Capacity At 50% Tipping Load		680 kg
Tipping capacity		1361 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	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
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     Selectable Self-Leveling Hydraulic Lift Action 4     Optional       Pneumatics     Optional       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	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 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 Scondary functions Counterweight Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard	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  Stiding Side Windows Standard  Other options Selectable Self-Leveling Hydraulic Lift Action 4  Pneumatics Rubber Track Undercarriage System Scoondary functions  Counterweight Dedicated Undercarriage Security  Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard	Motorization/Power	
Engine Auto-Shutdown System Glowplugs Starts Assist Standard Operator station Foot Throttle Foot Throttle Standard Full-Suspension Seat 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 Scoondary functions Counterweight Dedicated Undercarriage Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard	Combination Radiator & Hydraulic Oil Cooler	Standard
Glowplugs Starts Assist Operator station Foot Throttle 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 Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard	Dual-Element Air Cleaner with Indicator	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     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 Foull-Suspension Seat Optional Multi-Function Display Screen 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 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	Glowplugs Starts Assist	Standard
Full-Suspension Seat Optional Multi-Function Display Screen  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	Operator station	
Multi-Function Display Screen  ROPS/FOPS Level II Overhead Guard  Standard  Stiding 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  Standard  Easy Manager  Standard  Engine Alert System with Error Display  Standard	Foot Throttle	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 Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager 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 Optional Preumatics 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	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 Standard 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     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  Dedicated Undercarriage Standard  Security  Anti-Vandalism Protection  Back-Up Alarm  Easy Manager  Engine Alert System with Error Display  Optional  Optional  Optional  Optional  Optional  Optional  Standard  Standard  Standard  Standard  Standard  Standard  Standard	Swing-out Cab Door	Standard
Preumatics     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	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	Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions         Standard           Counterweight         Standard           Dedicated Undercarriage         Standard           Security         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     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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