Technical sheet :

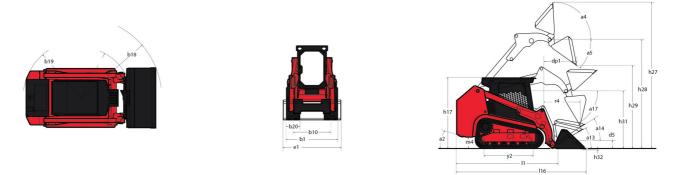






		1050RT Created on July 3, 2025 at 9:48 PM UTC		
Capacities		Metric	Imperial	
Operating Weight		2141 kg	4720 lb	
Unladen weight		1928 kg	4720 lb 4251 lb	
		476 kg	1049 lb	
Operating Capacity at 35% Tipping Load			1499 lb	
Operating Capacity At 50% Tipping Load		680 kg		
Tipping capacity		1361 kg	3000 lb	
Weight and dimensions				
Overall Operating Height - Fully Raised	h27	3650 mm	144 in	
Height to Hinge Pin - Fully Raised	h28	2769 mm	109 in	
Dump reach - Full height	rб	673.10 mm	26 in	
Dump angle at full height	a5	38 °	38 °	
Dump Height - Fully Raised	h29	2134 mm	84 in	
Maximum Rollback Angle - Fully Raised	a4	102 °	102 °	
Overall Height to top of ROPS	h17	1816 mm	71 in	
Overall length with bucket	116	2985 mm	118 in	
Overall Length without Bucket	11	2258 mm	89 in	
Specified Height	h31	1466 mm	58 in	
Reach at Specified Height	r4	991 mm	39 in	
Dump angle at specified height	a17	72 °	72 °	
Carry Position	d5	127 mm	5 in	
Maximum Rollback Angle at Carry Position	a14	32 °	32 °	
Digging Position	h32	0 mm	0 in	
Angle of Departure with STD Counterweight		35 °	35 °	
Ground clearance	m4	191 mm	8 in	
Track gauge	b10	1039 mm	41 in	
Track Shoe Width	b20	250 mm	10 in	
Crawler base	у2	1283 mm	51 in	
Overall width less bucket	b1	1290 mm	51 in	
Bucket Width	e1	1372 mm	54 in	
Clearance Radius - Front with Bucket	b18	1854 mm	73 in	
Angle of Approach	a3	90 °	90 °	
Grouser Height		25 mm	0.98 in	
Track Type / Track Rollers / Roller Type		Rubber / 4 / Steel	Rubber / 4 / Steel	
Performances				
Ground Speed - Single Speed		10.10 km/h	6 mph	
Drawbar Pull/Tractive Effort		1996 kg	4400 lb	
Bucket Breakout - Tilt Cylinder		1346 kg	2967 lb	
Bucket Breakout - Lift Cylinder		1376 kg	3034 lb	
		1370 kg	3034 10	
Engine		Vermen	Vergener	
Engine brand		Yanmar	Yanmar	
Engine model		3TNV88C-KMSV	3TNV88C-KMSV	
Motor Type		Radial Piston	Radial Piston	
Gross Power / Power		25.50 kW @ 2800 rpm	25.50 kW @ 2800 rpm	
Net Power / Power		23.70 kW / 2800 rpm	23.70 kW / 2800 rpm	
Max. torque		109.40 Nm	81 ft/lbs	
I.C. Engine power rating		34.20 Hp	34.20 Hp	
Battery voltage		12 V	12 V	
Cold Cranking Amps at Temperature (CCA)		800 A	800 A	
Alternator - Voltage / Ampere		12 V / 55 A	12 V / 55 A	
Hydraulics				
Standard flow - Auxiliary hydraulics		55 l/min	15 US gpm	
Tank capacities				
Oil Pan Capacity		5.87 I	2 US gal	
Hydraulic tank capacity		301	8 US gal	
Fuel tank		361	10 US gal	
Liquid cooling tank volume		6.621	2 US gal	
Displacement / Number of cylinders		1.64 / 3	0.43 US gal / 3	
Noise and vibration				
Noise to environment (LwA)		101 dB	101 dB	
Noise at driving position (LpA)		85.80 dB	85.80 dB	
Miscellaneous				
Ground Pressure		0.33 bar	5 PSI	

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	
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



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