Technical sheet:

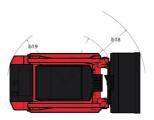
1050RT



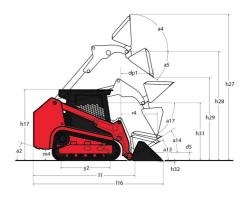


Capacities Operating Weight Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position Angle of Departure with STD Counterweight	h27 h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14 h32	Metric 2141 kg 1928 kg 476 kg 680 kg 1361 kg 3650 mm 2769 mm 673.10 mm 38 * 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 * 32 *
Unladen weight Operating Capacity at 35% Tipping Load Operating Capacity At 50% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Raximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	1928 kg 476 kg 680 kg 1361 kg 3650 mm 2769 mm 673.10 mm 38 * 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Operating Capacity at 35% Tipping Load Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Allback Angle - Fully Raised Maximum Rollback Angle - Fully Raised Overall Length with bucket Overall Length without Bucket Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	476 kg 680 kg 1361 kg 3650 mm 2769 mm 673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Operating Capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Length without Bucket Overall Length without Bucket Specified Height Dump angle at specified height Carry Position Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	680 kg 1361 kg 3650 mm 2769 mm 673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Tipping capacity Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	1361 kg 3650 mm 2769 mm 673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Weight and dimensions Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	3650 mm 2769 mm 673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	2769 mm 673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Height to Hinge Pin - Fully Raised Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall Length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h28 r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	2769 mm 673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Dump reach - Full height Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	r6 a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5	673.10 mm 38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Dump angle at full height Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	a5 h29 a4 h17 l16 l1 h31 r4 a17 a13 d5	38 ° 2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Dump Height - Fully Raised Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h29 a4 h17 l16 l1 h31 r4 a17 a13 d5 a14	2134 mm 102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 ° 127 mm
Maximum Rollback Angle - Fully Raised Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	a4 h17 l16 l1 h31 r4 a17 a13 d5	102 ° 1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Overall Height to top of ROPS Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h17 16 1 h31 r4 a17 a13 d5 a14	1816 mm 2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 °
Overall length with bucket Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	116 11 h31 r4 a17 a13 d5	2985 mm 2258 mm 1466 mm 991 mm 72 ° 32 ° 127 mm
Overall Length without Bucket Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	l1 h31 r4 a17 a13 d5 a14	2258 mm 1466 mm 991 mm 72 ° 32 ° 127 mm
Specified Height Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	h31 r4 a17 a13 d5 a14	1466 mm 991 mm 72 ° 32 ° 127 mm
Reach at Specified Height Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	r4 a17 a13 d5 a14	991 mm 72 ° 32 ° 127 mm
Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	a17 a13 d5 a14	72 ° 32 ° 127 mm
Dump angle at specified height Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	a17 a13 d5 a14	32 ° 127 mm
Maximum Rollback Angle at Ground Carry Position Maximum Rollback Angle at Carry Position Digging Position	d5 a14	127 mm
Carry Position Maximum Rollback Angle at Carry Position Digging Position	d5 a14	127 mm
Maximum Rollback Angle at Carry Position Digging Position	a14	
Digging Position		32 °
		0 mm
Angle of Departure With 51D 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
Clearance Circle - Rear	wa1	1290 mm
Maximum rollback at specified height		72 °
Angle of Approach	a3	90 °
Grouser Height		25 mm
Track Type / Track Rollers / Roller Type		Rubber / 4 / Steel
Performances		
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 brand		Yanmar
Engine model		3TNV88C-KMSV
Motor Type		Radial Piston
Gross Power / Power		25.50 kW @ 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		
Standard flow - Auxiliary hydraulics		55 l/min
Tank capacities		F 07 I
Oil Pan Capacity		5.87 I
Hydraulic oil tank capacity		30 1
Fuel tank		361
Coolant system capacity		6.62
Displacement / Number of cylinders		1.64 / 3
Noise and vibration		101 10
Noise to environment (LwA)		101 dB
Noise at driving position (LpA)		85.80 dB
Miscellaneous Ground Pressure		0.33 bar

1050RT - Dimensional drawing

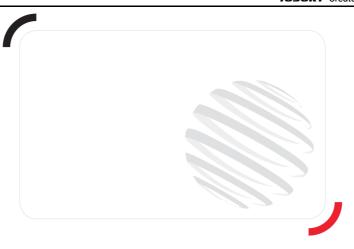






Equipment

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	
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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