Technical sheet:

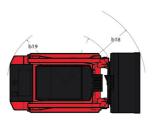
## **1050RT**



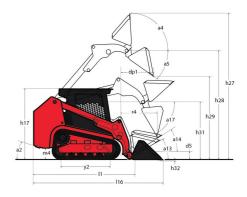


	1050RT Created on December 22, 2024 at 4:57 AM U
Capacities	Metric
Operating Weight	2141 kg
Unladen weight	1928 kg
Operating Capacity at 35% Tipping Load	476 kg
Operating Capacity At 50% Tipping Load	680 kg
Tipping capacity	1361 kg
Weight and dimensions	1301 kg
Overall Operating Height - Fully Raised	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	
	·
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	
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
	12 V / 33 A
Hydraulics	rett :
Standard flow - Auxiliary hydraulics	55 l/min
Tank capacities	
Oil Pan Capacity	5.87
Hydraulic tank capacity	30 I
Fuel tank	36 l
Liquid cooling tank volume	6.62
Displacement / Number of cylinders	1.641/3
Noise and vibration	
Noise to environment (LwA)	101 dB
Noise at driving position (LpA)	85.80 dB
Miscellaneous	
Ground Pressure	0.33 bar

## 1050RT - Dimensional drawing







## **Equipment**

All-Tach® Attachment Mounting System Auxiliary Hydraulics Standard Motorization/Power Combination Radiator & Hydraulic Dil Cooler Dual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Glowplugs Starts Assist Operator station Foot Throttle Full-Suspension Seat Multi-Function Display Screen Standard Sliding Side Windows Standard Swing-out Cab Door Standard Optional Sundard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Dedicated Undercarriage Standard Secuty Anti-Vandalism Protection Standard Secuty Anti-Vandalism Protection Standard Secuty Anti-Vandalism Protection Standard Engine Alert System with Error Display Mechanical Lift Cylinder Lock Standard	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         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       Anti-Yandalism Protection       Standard         Back-Up Alarm       Standard         Easy Manager       Standard         Engine Alert System with Error Display       Standard	All-Tach® Attachment Mounting System	Standard
Motorization/Power Combination Radiator & Hydraulic Oil Cooler 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 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 Standard Security Anti-Yandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display	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 Full-Suspension Seat Multi-Function Display Screen ROPS/FOPS Level II Overhead Guard Stiding Side Windows Standard Swing-out Cab Door 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 Engine Alert System with Error Display Standard Engine Alert System with Error Display	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 Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Secondary functions Counterweight Dedicated Undercarriage Scondary Standard Security Anti-Vandalism Protection Back-Up Alarm Easy Manager Engine Alert System with Error Display Standard Engine Alert System with Error Display	Motorization/Power	
Engine Auto-Shutdown System Glowplugs Starts Assist  Coperator station  Foot Throttle Foot Throttle Full-Suspension Seat Multi-Function Display Screen Standard  ROPS/FOPS Level II Overhead Guard Stiding 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 Engine Alert System with Error Display Standard Engine Alert System with Error Display	Combination Radiator & Hydraulic Oil Cooler	Standard
Glowplugs Starts Assist  Operator station  Foot Throttle  Foot Throttle  Full-Suspension Seat  Multi-Function Display Screen  ROPS/FOPS Level II Overhead Guard  Standard  Stinding 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  Standard  Engine Alert System with Error Display	Dual-Element Air Cleaner with Indicator	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     Undercaptions       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 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	Glowplugs Starts Assist	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	Operator station	
Multi-Function Display Screen  ROPS/FOPS Level II Overhead Guard  Standard  Standard  Sliding Side Windows  Standard  Other options  Selectable Self-Leveling Hydraulic Lift Action 4  Pneumatics  Rubber Track Undercarriage System  Sceondary functions  Counterweight  Dedicated Undercarriage  Standard  Security  Anti-Vandalism Protection  Back-Up Alarm  Easy Manager  Engine Alert System with Error Display  Standard	Foot Throttle	Standard
ROPS/FOPS Level II Overhead Guard Standard Sliding Side Windows Standard  Wing-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 Back-Up Alarm Standard Easy Manager Engine Alert System with Error Display 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 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 Standard Engine Alert System with Error Display	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     U       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 Standard  Dedicated Undercarriage Standard  Security  Anti-Vandalism Protection Standard  Back-Up Alarm Easy Manager Engine Alert System with Error Display  Optional  Optional  Standard	Swing-out Cab Door	Standard
Pneumatics       Rubber Track Undercarriage System     Standard       Secondary functions     Undercarriage       Counterweight     Standard       Dedicated Undercarriage     Standard       Security     Undercarriage       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  Standard  Standard  Standard  Standard  Standard	Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions       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	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       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





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