Technical sheet:

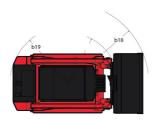
1850RT



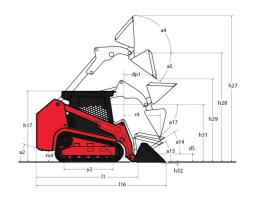


	1850RT Cre	1850RT Created on 21 November 2024 at 3:03 PM UT	
Capacities		Metric	
Max. capacity	Q	2398 kg	
Operating Weight	,	4128 kg	
Inladen weight		4128 kg	
Operating Capacity at 35% Tipping Load		839 kg	
Operating Capacity At 50% Tipping Load		1199 kg	
Tipping capacity		2398 kg	
Weight and dimensions		2570 kg	
	h27	4267 mm	
Overall Operating Height - Fully Raised			
Height to Hinge Pin - Fully Raised	h28	3251 mm	
Dump reach - Full height	r6	876 mm	
Dump angle at full height	a5	40.20 °	
Dump Height - Fully Raised	h29	2489 mm	
Maximum Rollback Angle - Fully Raised	a4	102.50 °	
Overall Height to top of ROPS	h17	2103 mm	
Overall length with bucket	l16	3754 mm	
Overall Length without Bucket	I1	2921 mm	
Specified Height	h31	1715 mm	
Reach at Specified Height	r4	790 mm	
Dump angle at specified height	a17	66.80 °	
Carry Position	d5	208 mm	
Maximum Rollback Angle at Carry Position	a14	31.60 °	
Digging Position	h32	23 mm	
Angle of Departure with STD Counterweight		30.40 °	
Ground clearance	m4	318 mm	
Track gauge	b10	1313 mm	
Frack Shoe Width	b20	320 mm	
Crawler base	y2	1392 mm	
Overall width less bucket	b1	1636 mm	
Bucket Width	e1	1674 mm	
Clearance Radius - Front with Bucket	b18	2322 mm	
Angle of Approach	a3	90 °	
Grouser Height		25 mm	
Track Type / Track Rollers / Roller Type		Rubber / 4 / Steel	
Performances			
Ground Speed - Single Speed		9.50 km/h	
Ground Speed - Two Speed		14.20 km/h	
Drawbar Pull/Tractive Effort		4635 kg	
Bucket Breakout - Tilt Cylinder		2429 kg	
Bucket Breakout - Lift Cylinder		2275 kg	
Engine			
Engine brand		Yanmar	
Engine model		4TNV98C-NMSL	
Motor Type		Axial Piston with Planetary Gear Box Reduction	
Gross Power / Power		51.70 kW @ 2500 rpm	
Net Power / Power		51 kW / 2500 rpm	
Max. torque		241 Nm	
i.C. Engine power rating		69.30 Hp	
Battery voltage		09.30 πμ 12 V	
Cold Cranking Amps at Temperature (CCA)		850 A	
Alternator - Voltage / Ampere		14 V / 100 A	
Fank capacities			
Dil Pan Capacity		10.40 I	
Hydraulic tank capacity		41.60 l	
Fuel tank		91 I	
Liquid cooling tank volume		13.30 I	
Displacement / Number of cylinders		3.30 l / 4	
Miscellaneous			
		and the second s	

1850RT - Dimensional drawing







Equipment

Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
Electronic Attachment Control - 14-Pin Connector	Optional
High-Flow Auxiliary Hydraulics	Optional
IdealTrax® automatic track tensioning system	Standard
Power-A-Tach® Attachment Mounting System	Optional
Motorization/Power	
Combination Radiator & Hydraulic Oil Cooler	Standard
Dual-Element Air Cleaner with Indicator	Standard
Engine Auto-Shutdown System	Standard
Glowplugs Starts Assist	Standard
Two-Speed Hydrostatic Drive System	Standard
Operator station	
Air suspension seat	Optional
Foot Throttle	Standard
Full-Suspension Seat	Standard
IdealAccess™ Fold-Up Door	Optional
Multi-Function Display Screen	Standard
Pressurized Cab Enclosure with A/C	Optional
Rearview Camera	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
Single Flange Front/Dual Flange Rear Idlers	Standard
Secondary functions	
Counterweight	Standard
Dedicated Undercarriage	Standard
Security	
Anti-Vandalism Lock Provisions	Standard
Back-Up Alarm	Standard
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	Standard
Tilt-out Foot Pod	Standard





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