Technical sheet:

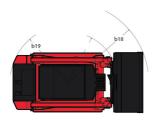
1850RT



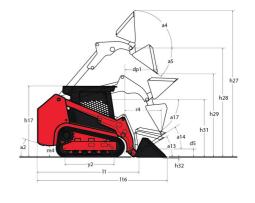


	1850RT Cre	ated on December 22, 2024 at 5:53 AM U
Capacities		Metric
Max. capacity	Q	2398 kg
Operating Weight	,	4128 kg
Jnladen weight		4128 kg
Operating Capacity at 35% Tipping Load		839 kg
Operating Capacity At 50% Tipping Load		1199 kg
Tipping capacity		2398 kg
Weight and dimensions		2390 kg
	h27	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	l1	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
	b18	2322 mm
Clearance Radius - Front with Bucket		90 °
Angle of Approach	a3	
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
.C. Engine power rating		69.30 Hp
Battery voltage		12 V
Cold Cranking Amps at Temperature (CCA)		850 A
Alternator - Voltage / Ampere		14 V / 100 A
		14 V / 100 A
Fank capacities		10.40 !
Oil Pan Capacity		10.40
Hydraulic tank capacity		41.60
Fuel tank		91
Liquid cooling tank volume		13.30 l
Displacement / Number of cylinders		3.30 / 4
Miscellaneous		
Ground Pressure		0.43 bar

1850RT - Dimensional drawing







Equipment

Lifting function	
All-Tach® Attachment Mounting System	Standa
Auxiliary Hydraulics	Standa
Electronic Attachment Control - 14-Pin Connector	Option
High-Flow Auxiliary Hydraulics	Option
IdealTrax® automatic track tensioning system	Standa
Power-A-Tach® Attachment Mounting System	Option
Motorization/Power	
Combination Radiator & Hydraulic Oil Cooler	Standa
Dual-Element Air Cleaner with Indicator	Standa
Engine Auto-Shutdown System	Standa
Glowplugs Starts Assist	Standa
Two-Speed Hydrostatic Drive System	Standa
Operator station	
Air suspension seat	Option
Foot Throttle	Standa
Full-Suspension Seat	Standa
IdealAccess™ Fold-Up Door	Option
Multi-Function Display Screen	Standa
Pressurized Cab Enclosure with A/C	Option
Rearview Camera	Standa
ROPS/FOPS Level II Overhead Guard	Standa
Sliding Side Windows	Standa
Swing-out Cab Door	Standa
Other options .	
Selectable Self-Leveling Hydraulic Lift Action 4	Option
Pneumatics	
Rubber Track Undercarriage System	Standa
Single Flange Front/Dual Flange Rear Idlers	Standa
Secondary functions	
Counterweight	Standa
Dedicated Undercarriage	Standa
Security	
Anti-Vandalism Lock Provisions	Standa
Back-Up Alarm	Standa
Easy Manager	Standa
Engine Alert System with Error Display	Standa
Mechanical Lift Cylinder Lock	Standa
Tilt-out Foot Pod	Standa





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