Technical sheet:

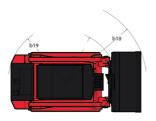
1850 RT



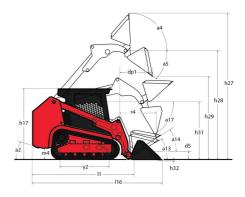


	1850 RT Cre	ated on March 31, 2023 at 4:30:26 PM UT
Capacities		Imperial
Max. capacity	Q	5287 lb
Operating Weight		9101 lb
Unladen weight		9101 lb
Operating Capacity at 35% Tipping Load		1850 lb
Operating Capacity At 50% Tipping Load		2643 lb
Tipping capacity		5287 lb
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	168 in
Height to Hinge Pin – Fully Raised	h28	128 in
Reach - Fully Raised	dp1	34 in
Dump angle at full height	a5	40.20 °
Dump Height - Fully Raised	h29	98 in
Maximum Rollback Angle - Fully Raised	a4	102.50 °
Overall Height to Top of ROPS	h17	83 in
Overall length with bucket	116	148 in
Overall Length without Bucket	II	115 in
Specified Height	h31	68 in
Reach at Specified Height	r4	31 in
Dump angle at specified height	a17	66.80 °
Maximum Rollback Angle at Ground	a17	30 °
Carry Position	d5	8 in
Maximum Rollback Angle at Carry Position	a14	31.60 °
Digging Position	h32	0.91 in
Angle of Departure with STD Counterweight	1132	30.40 °
Ground clearance	m4	13 in
Track gauge	b10	52 in
Track Shoe Width	b20	13 in
Crawler base		55 in
Overall width less bucket	y2 b1	64 in
Bucket Width		66 in
Clearance Radius - Front with Bucket	e1 b18	91 in
Clearance Circle - Rear		66 in
	wa1	66.80 °
Maximum rollback at specified height	22	90 °
Angle of Approach	a3	0.98 in
Grouser Height		Rubber / 4 / Steel
Track Type / Track Rollers / Roller Type Performances		Rubber / 4 / Steer
		6 mi/h
Ground Speed - Single Speed		9 mi/h
Ground Speed - Two Speed Drawbar Pull/Tractive Effort		10218 lb
Bucket Breakout - Tilt Cylinder		5355 lb
Bucket Breakout - Lift Cylinder		5016 lb
Engine Facility has a description of the second sec		Venner
Engine brand		Yanmar
Engine model		4TNV98C-NMSL
Motor Type		Axial Piston with Planetary Gear Box Reduction
Gross Power (kW) / Power		52 kW @ 2500 rpm
Net Power (kW) / Power		51 kW / 2500 rpm
Max. torque		178 ft/lbs
Battery		12 V
Cold Cranking Amps at Temperature (CCA)		850 A
Alternator - Voltage / Ampere		14 V / 100 A
Tank capacities		
Oil Pan Capacity		3 US gal
Hydraulic tank capacity		11 US gal
Fuel tank		24 US gal
Coolant system capacity		4 US gal
Displacement / Number of cylinders		0.87 US gal / 4
Miscellaneous		
Ground Pressure		6 PSI

1850 RT - 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 Control of the Control	
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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