Technical sheet:

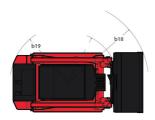
1850RT



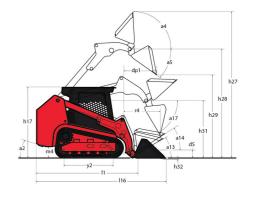


		ted on November 24, 2024 at 12:22 AM t
Capacities		Metric
Max. capacity	Q	2398 kg
Operating Weight		4128 kg
Jnladen weight		4128 kg
Operating Capacity at 35% Tipping Load		839 kg
Operating Capacity At 50% Tipping Load		1199 kg
Tipping capacity		2398 kg
Neight and dimensions		2390 kg
	L 07	4267 mm
Overall Operating Height - Fully Raised	h27	
Height to Hinge Pin - Fully Raised	h28	3251 mm
Oump reach - Full height	r6	876 mm
Oump 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	1102	30.40 °
Ground clearance	m4	318 mm
	b10	1313 mm
Frack Glass Wildel		
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
Frack 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
Prawbar Pull/Tractive Effort		4635 kg
Bucket Breakout - Tilt Cylinder		2429 kg
Bucket Breakout - Lift Cylinder		2275 kg
Engine Control of the		
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
ank capacities		
Dil Pan Capacity		10.40 I
lydraulic tank capacity		41.60 l
-uel tank		91 I
iquid cooling tank volume		13.30 I
Displacement / Number of cylinders		3.30 / 4

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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