Technical sheet:

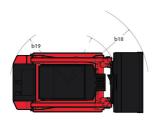
## **1850RT**



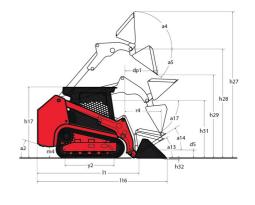


	<b>1850RT</b> C	reated on 21 November 2024 at 20:51 U
Capacities		Metric
Max. capacity	Q	2398 kg
Operating Weight	,	4128 kg
Jnladen weight		4128 kg
Operating Capacity at 35% Tipping Load		839 kg
Operating Capacity At 50% Tipping Load		1199 kg
Tipping capacity		2398 kg
Weight and dimensions		2370 kg
	h27	4267 mm
Overall Operating Height - Fully Raised	h28	3251 mm
Height to Hinge Pin - Fully Raised		
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
Track 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	85	25 mm
Track Type / Track Rollers / Roller Type		Rubber / 4 / Steel
Performances		Rubbel / 4 / Steel
		9.50 km/h
Ground Speed - Single Speed		
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
Tank capacities		
Dil Pan Capacity		10.40 l
		41.60 l
Hydraulic tank canacity		71.001
• • •		Q1 I
Fuel tank		91
Fuel tank Liquid cooling tank volume		13.30 l
Hydraulic tank capacity Fuel tank Liquid cooling tank volume Displacement / Number of cylinders Miscellaneous		

## 1850RT - Dimensional drawing







## **Equipment**

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





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