Technical sheet:

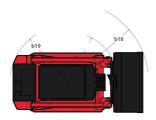
1850RT



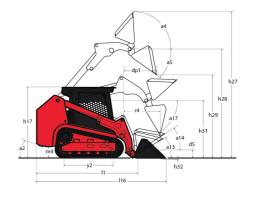


	1850RT Created on December 22, 2024 at 5:52 A
Capacities	Metric
Max. capacity	Q 2398 kg
Operating Weight	4128 kg
Unladen weight	4128 kg
Operating Capacity at 35% Tipping Load	839 kg
Operating Capacity At 50% Tipping Load	1199 kg
Fipping capacity	2398 kg
Weight and dimensions	2070 kg
Overall Operating Height - Fully Raised	h27 4267 mm
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	I16 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
Frack 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 Redu
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
Fank capacities	
Dil Pan Capacity	10.40
Hydraulic tank capacity	41.60
Fuel tank	91
Liquid cooling tank volume	13.30
Displacement / Number of cylinders	3.301/4
Miscellaneous	
Ground Pressure	0.43 bar

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 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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