Technical sheet:

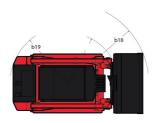
1850RT



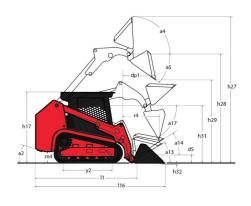


	1850RT Created on November 2	1, 2024 at 4:08 PM UT	
Capacities		Metric	
Max. capacity		1398 kg	
Operating Weight		128 kg	
Unladen weight		128 kg	
Operating Capacity at 35% Tipping Load		839 kg	
Operating Capacity At 50% Tipping Load		199 kg	
Tipping capacity		398 kg	
Weight and dimensions		.070 kg	
Overall Operating Height - Fully Raised	h27 4:	267 mm	
Height to Hinge Pin - Fully Raised		251 mm	
Dump reach - Full height		76 mm	
Dump angle at full height		40.20 °	
Dump Height - Fully Raised		489 mm	
Maximum Rollback Angle - Fully Raised		02.50 °	
Overall Height to top of ROPS		103 mm	
Overall length with bucket		754 mm	
Overall Length without Bucket		921 mm	
Specified Height		715 mm	
Reach at Specified Height		'90 mm	
Dump angle at specified height		66.80 °	
Carry Position	d5 2	.08 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 3	118 mm	
Track gauge	b10 1:	313 mm	
Track Shoe Width	b20 3	20 mm	
Crawler base	y2 1:	392 mm	
Overall width less bucket	b1 1	636 mm	
Bucket Width	e1 1	674 mm	
Clearance Radius - Front with Bucket	b18 2	322 mm	
Angle of Approach	a3	90 °	
Grouser Height		25 mm	
Track Type / Track Rollers / Roller Type	Rubbe	Rubber / 4 / Steel	
Performances			
Ground Speed - Single Speed	9.	50 km/h	
Ground Speed - Two Speed		.20 km/h	
Drawbar Pull/Tractive Effort		635 kg	
Bucket Breakout - Tilt Cylinder		.429 kg	
Bucket Breakout - Lift Cylinder		2429 kg 2275 kg	
Engine		.273 kg	
Engine brand		/anmar	
Engine model		/98C-NMSL	
Motor Type		netary Gear Box Reduction	
Gross Power / Power		W @ 2500 rpm	
		C F	
Net Power / Power		/ / 2500 rpm 241 Nm	
Max. torque			
I.C. Engine power rating	6	69.30 Hp	
Battery voltage		12 V	
Cold Cranking Amps at Temperature (CCA)		850 A	
Alternator - Voltage / Ampere	14	V / 100 A	
Tank capacities			
Oil Pan Capacity		10.40	
Hydraulic tank capacity		41.60 I	
Fuel tank		91	
Liquid cooling tank volume		13.30 l	
Displacement / Number of cylinders	3.30 / 4		
Miscellaneous			
Ground Pressure		1.43 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





Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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