Technical sheet:

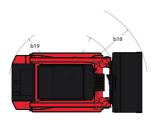
1850RT



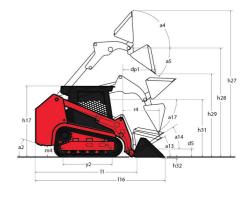


	1850RT Created on December 4,	2024 at 8.31 AM 010	
Capacities	M	etric	
Max. capacity		98 kg	
Operating Weight		28 kg	
Unladen weight		28 kg	
Operating Capacity at 35% Tipping Load		9 kg	
Operating Capacity At 50% Tipping Load		99 kg	
		98 kg	
Tipping capacity	235	70 ку	
Weight and dimensions	h27 426	7 mm	
Overall Operating Height - Fully Raised			
Height to Hinge Pin - Fully Raised		3251 mm 876 mm	
Dump reach - Full height			
Dump angle at full height		.20 °	
Dump Height - Fully Raised		9 mm	
Maximum Rollback Angle - Fully Raised		50 °	
Overall Height to top of ROPS		3 mm	
Overall length with bucket		4 mm	
Overall Length without Bucket		1 mm	
Specified Height		5 mm	
Reach at Specified Height) mm	
Dump angle at specified height	a17 66.	.80 °	
Carry Position	d5 208	3 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	3 mm	
Track gauge	b10 131	3 mm	
Track Shoe Width	b20 320) mm	
Crawler base	y2 139	2 mm	
Overall width less bucket	b1 163	6 mm	
Bucket Width	e1 167	4 mm	
Clearance Radius - Front with Bucket	b18 232	2 mm	
Angle of Approach	a3 9	0 °	
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	463	85 kg	
Bucket Breakout - Tilt Cylinder	242	29 kg	
Bucket Breakout - Lift Cylinder		75 kg	
Engine		3	
Engine brand	Yai	nmar	
Engine model	4TNV98	BC-NMSL	
Motor Type		etary Gear Box Reduction	
Gross Power / Power		@ 2500 rpm	
Net Power / Power		2500 rpm	
Max. torque		I Nm	
I.C. Engine power rating		30 Hp	
Battery voltage		2 V	
Cold Cranking Amps at Temperature (CCA)		i0 A	
Alternator - Voltage / Ampere		/ 100 A	
Tank capacities	14 V	100 A	
	10	.40 l	
Oil Pan Capacity			
Hydraulic tank capacity		.60 l	
Fuel tank		11	
Liquid cooling tank volume		.30	
Displacement / Number of cylinders	3.30	01/4	
Miscellaneous		0.1	
Ground Pressure	0.4	3 bar	

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





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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes