Technical sheet:

2150RT



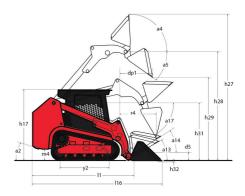


	215ORT Created on December 22, 2024 at 10:52 AM I	JTC
Capacities	Metric	
Max. capacity	Q 2787 kg	
Operating Weight	4491 kg	
Unladen weight	4491 kg	
Operating Capacity at 35% Tipping Load	975 kg	
Operating Capacity At 50% Tipping Load	1393 kg	
Tipping capacity	2787 kg	
Weight and dimensions	2707 kg	
	h27 4267 mm	
Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised	h28 3251 mm	
· · · · · · · · · · · · · · · · · · ·		
Dump reach - Full height		
Dump angle at full height	a5 39 °	
Dump Height - Fully Raised	h29 2489 mm	
Maximum Rollback Angle - Fully Raised	a4 102.50 °	
Overall Height to top of ROPS	h17 2111 mm	
Overall length with bucket	l16 3769 mm	
Departure angle	a2 29.20°	
Overall Length without Bucket	l1 2959 mm	
Specified Height	h31 1720 mm	
Reach at Specified Height	r4 795 mm	
Dump angle at specified height	a17 75°	
Carry Position	d5 208 mm	
Maximum Rollback Angle at Carry Position	a14 31.60°	
Digging Position	h32 16 mm	
Angle of Departure with STD Counterweight	29.20 °	
Ground clearance	m4 320 mm	
Track gauge	b10 1313 mm	
Track Shoe Width	b20 450 mm	
Crawler base	y2 1483 mm	
Overall width less bucket	b1 1765 mm	
Bucket Width	e1 1877 mm	
Clearance Radius - Front with Bucket		
Angle of Approach		
Grouser Height	25 mm	
Track Type / Track Rollers / Roller Type	Rubber / 5 / Steel	
Performances		
Ground Speed - Single Speed	9.50 km/h	
Ground Speed - Two Speed	14.20 km/h	
Drawbar Pull/Tractive Effort	5503 kg	
Bucket Breakout - Tilt Cylinder	3008 kg	
Bucket Breakout - Lift Cylinder	2940 kg	
Engine		
Engine brand	Yanmar	
Engine model	TNV98CT-NMSL	
Motor Type	Axial Piston with Planetary Gear Box Reduction	i
Gross Power / Power	53.70 kW @ 2500 rpm	
Net Power / Power	52.70 kW / 2500 rpm	
Max. torque	294 Nm	
I.C. Engine power rating	72 Hp	
Battery voltage	12 V	
Cold Cranking Amps at Temperature (CCA)	850 A	
Alternator - Voltage / Ampere	14 V / 100 A	
Hydraulics		
Standard flow - Auxiliary hydraulics	82.51 l/min	
Tank capacities	02.01 () Hilli	
Oil Pan Capacity	10.40 l	
Hydraulic tank capacity	52.20	
Fuel tank	911	
Liquid cooling tank volume	14.40	
Displacement / Number of cylinders	3.301/4	
Noise and vibration		
Noise to environment (LwA)	103 dB	
Noise at driving position (LpA)	83 dB	
Miscellaneous		
Ground Pressure	0.33 bar	

2150RT - 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	
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



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