Technical sheet:

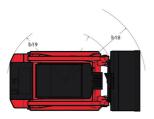
1850RT



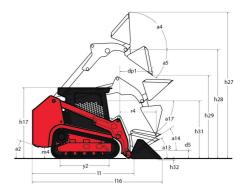


Capacities		Metric
fax. capacity	Q	2398 kg
perating Weight		4128 kg
nladen weight		4128 kg
perating Capacity at 35% Tipping Load		839 kg
perating Capacity At 50% Tipping Load		1199 kg
ipping capacity		2398 kg
Veight and dimensions		
verall Operating Height - Fully Raised	h27	4267 mm
eight to Hinge Pin – Fully Raised	h28	3251 mm
ump reach - Full height	r6	876 mm
ump angle at full height	a5	40.20 °
ump Height - Fully Raised	h29	2489 mm
laximum Rollback Angle - Fully Raised	a4	102.50 °
verall Height to top of ROPS	h17	2103 mm
verall length with bucket	l16	3754 mm
verall Length without Bucket	I1	2921 mm
pecified Height	h31	1715 mm
each at Specified Height	r4	790 mm
ump angle at specified height	a17	66.80 °
laximum Rollback Angle at Ground	a13	30 °
arry Position	d5	208 mm
Maximum Rollback Angle at Carry Position	a14	31.60 °
igging Position	h32	23 mm
ngle of Departure with STD Counterweight	1132	30.40 °
	4	30.40 318 mm
round clearance	m4	1313 mm
rack gauge	b10	
rack Shoe Width	b20	320 mm
trawler base	y2	1392 mm
verall width less bucket	b1	1636 mm
ucket Width	e1	1674 mm
learance Radius - Front with Bucket	b18	2322 mm
learance Circle - Rear	wa1	1666 mm
laximum rollback at specified height		66.80 °
ngle of Approach	a3	90 °
rouser Height		25 mm
rack Type / Track Rollers / Roller Type		Rubber / 4 / Steel
erformances		
round Speed - Single Speed		9.50 km/h
round Speed - Two Speed		14.20 km/h
rawbar Pull/Tractive Effort		4635 kg
ucket Breakout - Tilt Cylinder		2429 kg
ucket Breakout - Lift Cylinder		2275 kg
ngine		
ngine brand		Yanmar
ngine model		4TNV98C-NMSL
fotor Type		Axial Piston with Planetary Gear Box Reduction
ross Power / Power		51.70 kW @ 2500 rpm
let Power / Power		51 kW / 2500 rpm
lax. torque		241 Nm
C. Engine power rating		69.30 Hp
attery voltage		09.30 пр 12 V
· ·		850 A
old Cranking Amps at Temperature (CCA)		
Itemator - Voltage / Ampere		14 V / 100 A
ank capacities		4
il Pan Capacity		10.40 l
lydraulic oil tank capacity		41.60 l
uel tank		91 I
Coolant system capacity		13.30 l
isplacement / Number of cylinders		3.30 / 4

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	
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