Technical sheet:

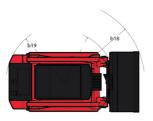
1650RT



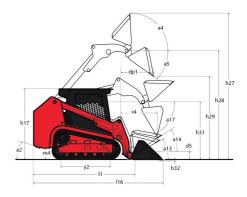


Capacities		Metric
perating Weight		3638 kg
nladen weight		3638 kg
perating Capacity at 35% Tipping Load		748 kg
perating Capacity At 50% Tipping Load		1069 kg
ipping capacity		2139 kg
eight and dimensions		
verall Operating Height - Fully Raised	h27	4008 mm
eight to Hinge Pin - Fully Raised	h28	3038 mm
ump reach - Full height	r6	641 mm
ump angle at full height	a5	39 °
ump Height - Fully Raised	h29	2329 mm
aximum Rollback Angle - Fully Raised	a4	98 °
verall Height to top of ROPS	h17	1969 mm
verall length with bucket	116	3205 mm
-		
verall Length without Bucket	l1	2393 mm
pecified Height	h31	1638 mm
each at Specified Height	r4	559 mm
ump angle at specified height	a17	73 °
arry Position	d5	198 mm
aximum Rollback Angle at Carry Position	a14	28 °
igging Position	h32	53 mm
ngle of Departure with STD Counterweight		28 °
round clearance	m4	185 mm
rack gauge	b10	1356 mm
rack Shoe Width	b20	320 mm
rawler base	y2	1265 mm
verall width less bucket	b1	1676 mm
ucket Width	e1	1676 mm
learance Radius - Front with Bucket	b18	1979 mm
ngle of Approach	a3	90 °
rouser Height		25 mm
		Rubber / 3 / Steel
rack Type / Track Rollers / Roller Type		Rubbel / 3 / Steel
erformances		10 50 less th
round Speed - Single Speed		10.50 km/h
round Speed - Two Speed		16.10 km/h
rawbar Pull/Tractive Effort		4345 kg
ucket Breakout - Tilt Cylinder		1919 kg
ucket Breakout - Lift Cylinder		2295 kg
ngine		
ngine brand		Yanmar
ngine model		4TNV98C-NMS2
lotor Type		Radial Piston
ross Power / Power		51.70 kW @ 2500 rpm
et Power / Power		51 kW / 2500 rpm
lax. torque		241 Nm
C. Engine power rating		69.30 Hp
attery voltage		12 V
old Cranking Amps at Temperature (CCA)		950 A
Itemator - Voltage / Ampere		12 V / 100 A
ydraulics		12 V / 100 A
		71 1/:-
tandard flow - Auxiliary hydraulics		71 l/min
ank capacities		
il Pan Capacity		9
ydraulic tank capacity		39 I
uel tank		62.50 l
iquid cooling tank volume		12.90 l
isplacement / Number of cylinders		3.30 l / 4
fiscellaneous		

1650RT - 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
Servo-Controlled Hydrostatic Drive	Standard
Two-Speed Hydrostatic Drive System	Standard
Operator station	
Air suspension seat	Optional
Foot Throttle	Standard
Full-Suspension Seat	Standard
Multi-Function Display Screen	Standard
Pressurized Cab Enclosure with A/C	Optional
Rearview Camera	Optional
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	Optional
Easy Manager	Standard
Engine Alert System with Error Display	Standard
Mechanical Lift Cylinder Lock	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