Technical sheet:

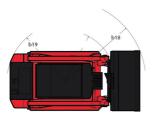
1650RT



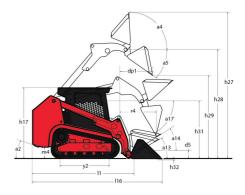


		Matria
S		Metric
Weight		3638 kg
veight		3638 kg
Capacity at 35% Tipping Load		748 kg
Capacity At 50% Tipping Load		1069 kg
apacity		2139 kg
d dimensions		
erating Height - Fully Raised	h27	4008 mm
Hinge Pin – Fully Raised	h28	3038 mm
ch - Full height	r6	641 mm
le at full height	a5	39 °
ght - Fully Raised	h29	2329 mm
Rollback Angle - Fully Raised	a4	98 °
ight to top of ROPS	h17	1969 mm
ngth with bucket	l16	3205 mm
ngth without Bucket	l1	2393 mm
Height	h31	1638 mm
Specified Height	r4	559 mm
		73 °
le at specified height	a17	
Rollback Angle at Ground	a13	28 °
tion	d5	198 mm
Rollback Angle at Carry Position	a14	28 °
osition	h32	53 mm
Departure with STD Counterweight		28 °
earance	m4	185 mm
ge	b10	1356 mm
e Width	b20	320 mm
ase	y2	1265 mm
dth less bucket	b1	1676 mm
dth	e1	1676 mm
Radius - Front with Bucket	b18	1979 mm
Circle - Rear	wa1	1440 mm
rollback at specified height		62 °
Approach	a3	90 °
eight		25 mm
e / Track Rollers / Roller Type		Rubber / 3 / Steel
ices		
need - Single Speed		10.50 km/h
need - Two Speed		16.10 km/h
ull/Tractive Effort		4345 kg
eakout - Tilt Cylinder		1919 kg
eakout - Lift Cylinder		2295 kg
akout - Ent Cynnider		2293 kg
		Variation
and		Yanmar
odel		4TNV98C-NMS2
e		Radial Piston
ver / Power		51.70 kW @ 2500 rpm
/ Power		51 kW / 2500 rpm
Je		241 Nm
e power rating		69.30 Hp
tage		12 V
king Amps at Temperature (CCA)		950 A
- Voltage / Ampere		12 V / 100 A
low - Auxiliary hydraulics		71 l/min
acities		
apacity		9
oil tank capacity		39 I
		62.50 I
ystem capacity		12.90
		3.301/4
nent / Number of cylinders		3.301/4
eous		

1650RT - Dimensional drawing







Equipment

AUT LOAD L MAR COL	0
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	
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