Technical sheet:

1650R



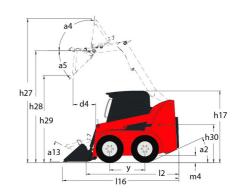


	1650R Created on May 19, 2024 at 10:44:11 AN	M UTO
Capacities	Metric	
Rated Operating Capacity	748 kg	
Rated Operating Capacity with Optional Counterweight	816.50 kg	
Unladen weight	2796 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 3876 mm	
Height to Hinge Pin – Fully Raised	h28 3022.60 mm	
Overall Height to top of ROPS	h17 1948 mm	
Dump angle at full height	a5 38°	
Dump height	h29 2380 mm	
Overall length with bucket	l16 3101 mm	
Dump reach - Full height	r6 579 mm	
Rollback at ground	a13 28 °	
Seat to ground height	h30 904 mm	
Wheelbase	y 988 mm	
Overall width less bucket	b1 1544 mm	
Bucket Width	e1 1562 mm	
Ground clearance	m4 160 mm	
Overall length - Less Bucket	12 2385 mm	
Departure angle	a2 21 °	
Clearance Radius - Front with Bucket	b18 1869 mm	
Clearance Circle - Front without Bucket	b19 1153 mm	
Clearance Circle - Rear	wa1 1466 mm	
Performances	Wat 1.00 min	
Travel Speed with Two-Speed Option - Maximum	19.50 km/h	
Travel speed (unladen)	12.60 km/h	
Wheels		
Standard tires	10.00x16.5 HD	
Engine		
Engine brand	Yanmar	
Engine model	4TNV88C-KMS	
Gross Power	52 kW	
Net Power	51 kW	
Max. torque / Engine rotation	241 Nm / 2500 rpm	
Power source	Diesel	
I.C. Engine power rating	69.73 Hp	
Battery voltage	12 V	
Alternator	100 kW	
Starter	3 kW	
Hydraulics		
Standard flow - Auxiliary hydraulics	71.40 l/min	
Auxiliary Hydraulic Pressure	207 bar	
High-Flow Auxiliary Hydraulics - Option	114 l/min	
High-Flow Auxiliary Hydraulics Pressure – Option	200 bar	
Tank capacities		
Fuel tank	62.50	
Hydraulic oil tank capacity	41.60 l	
Displacement	3.30	
Noise and vibration		
Noise to environment (LwA)	101 dB	
Noise at driving position (LpA)	85 dB	
Whole-Body Vibration (ISO 2631-1)	0.90 m/s ²	
Vibration on hands/arms	< 1.77 m/s²	

1650R - Dimensional drawing







Equipment

Integral Access Plate (removable)	Standard
Lifting function	Statiualu
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
High-Flow Auxiliary Hydraulics	Optional
Power-A-Tach® Attachment Mounting System	Optional
Lighting	Орионан
Work Lights - Front and Rear	Standard
Motorization/Power	Standard
Engine Auto-Shutdown System	Standard
Engine Block Heater	Optional
-	· ·
Swing-Out Cooler	Standard
Two-Speed Drive	Optional
Operator station	Ondianal
Air conditioning with manual adjustment	Optional
Air suspension seat	Optional
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Optional
Hand/Foot Controls	Optional
Heating	Optional
High-Back Adjustable Seat	Standard
Hom	Standard
Joystick controls	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options Control of the Control	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
Hydraglide™ Ride Control 3	Optional
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	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