Technical sheet:

1050R



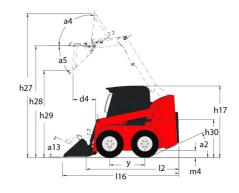


	1050R Created on May 18, 2024 a	t 5:33:34 AM UTC	
Capacities	Metric		
Rated Operating Capacity	476 kg		
Rated Operating Capacity with Optional Counterweight	533 kg		
Unladen weight	1905 kg		
Weight and dimensions			
Overall Operating Height - Fully Raised	h27 3546 mm		
Height to Hinge Pin – Fully Raised	h28 2746 mm		
Overall Height to top of ROPS	h17 1786 mm		
Dump angle at full height	a5 42 °		
Dump height	h29 2146 mm		
Overall length with bucket	l16 2896 mm		
Dump reach - Full height	r6 579 mm		
Rollback at ground	a13 29 °		
Seat to ground height	h30 828 mm		
Wheelbase	y 876 mm		
Overall width less bucket	b1 1229 mm		
Bucket Width	e1 1404 mm		
Ground clearance	m4 152 mm		
Overall length - Less Bucket	12 2258 mm		
Departure angle	a2 26 °		
Clearance Radius - Front with Bucket	b18 1763 mm		
Clearance Circle - Front without Bucket	b19 1120 mm		
Clearance Circle - Rear	wa1 1374 mm		
Performances	Wa 1 13/4 IIIIII		
Travel speed (unladen)	9.50 km/h		
Wheels	5.50 KIII/II		
Standard tires	27x8.5x15 H	un.	
Engine Engine	2/x0.3x131	טו	
Engine brand	Yanmar		
Engine model		3TNV88C-KMSV	
•			
Engine norm Gross Power		Stage V, Tier 4	
Net Power		25.50 kW	
		24.70 kW 108 Nm / 2800 rpm	
Max. torque / Engine rotation) rpm	
Power source	Diesel		
I.C. Engine power rating	34.20 Hp 12 V		
Battery voltage			
Alternator		40 kW	
Starter	2.30 kW		
Hydraulics			
Standard flow - Auxiliary hydraulics		55.10 l/min	
Auxiliary Hydraulic Pressure	189.60 ba	r	
Tank capacities			
Fuel tank	39.40		
Hydraulic oil tank capacity	30.30		
Displacement	1.60		
Noise and vibration			
Noise to environment (LwA)	101 dB		
Noise at driving position (LpA)	80 dB		
Whole-Body Vibration (ISO 2631-1)	0.81 m/s²		
Vibration on hands/arms	< 0.93 m/s	j ²	

1050R - Dimensional drawing







Equipment

-	
Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
Lighting	
Work Lights - Front and Rear	Standard
Motorization/Power	
Engine Block Heater	Standard
Operator station	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Standard
Hand/Foot Controls	Standard
Heating	Optional
High-Back Adjustable Seat	Standard
Hom	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
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