Technical sheet :

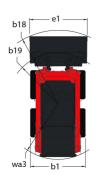




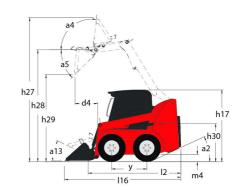


		september 10, 2025 at
Capacities		Metric
Rated Operating Capacity		476 kg
Rated Operating Capacity with Optional Counterweight		533 kg
Unladen weight		1905 kg
Weight and dimensions		
Wheelbase	у	876 mm
Overall Operating Height - Fully Raised	h27	3546 mm
Height to Hinge Pin - Fully Raised	h28	2746 mm
Overall Height to top of ROPS	h17	1786 mm
Dump angle at full height	а5	42 °
Dump height	h29	2146 mm
Overall length with bucket	116	2896 mm
Dump reach - Full height	r6	579 mm
Rollback at ground	a13	29 °
Seat to ground height	h30	828 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
Performances		
Travel speed (unladen)		9.50 km/h
Wheels		
Standard tires		27 x 8.5 x 15 HD
Engine		
Engine brand		Yanmar
Engine model		3TNV88C-KMS
Engine norm		Stage IIIB, Tier 4
Gross Power		25.50 kW
Net Power		24.70 kW
Max. torque / Engine rotation		108 Nm / 2800 rpm
Power source		Diesel
I.C. Engine power rating		34.20 Hp
Battery voltage		12 V
Alternator		40 kW
Starter		2.30 kW
Hydraulics		
Standard flow - Auxiliary hydraulics		55.10 l/min
Auxiliary Hydraulic Pressure		189.60 bar
Tank capacities		
Fuel tank		39.40 l
Hydraulic tank capacity		30.30 I
Displacement		1.60 l
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/s ²
Vibration on hands/arms		< 0.93 m/s ²

1050R - Dimensional drawing







1050R Created on September 10, 2025 at 6:09 PM UTC

Equipment

Operator station Optional Cab Enclosure Optional Foot and Hand Throttles 2 Standard Gehl TBar Controls Standard Hand/Foot Controls Standard Heating Optional High-Back Adjustable Seat Standard Hom Optional ROPS/FOPS Level II Overhead Guard Standard Suspension Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Full Instrumentation Standard Security Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Hydraloc''' Safety System Standard Lift Arm Support Device Standard	-	
Lifting function Standard All-Tach® Attachment Mounting System Standard Auxiliary Hydraulics Standard Lighting Standard Work Lights - Front and Rear Standard Motorization/Power Standard Engine Block Heater Standard Operator station Optional Cab Enclosure Optional Foot and Hand Throttles 2 Standard Gehl TBar Controls Standard Harding Optional Hord Controls Standard Heating Optional Hom Optional Standard Standard Supension Seat - Mechanical Optional Standard Standard Standard Optional Standard Optional Standard Standard Supension Seat - Mechanical Optional Standard Optional Standard Standard Secondary functions Standard Counterweight Optional Full Instrumentation Standard Standard	Integral Access Plate (removable)	Standard
All-Tach@ Attachment Mounting System Standard Auxiliary Hydraulics Standard Lighting Understand Work Lights - Front and Rear Standard Motorization/Power Standard Engine Block Heater Optional Operator station Optional Cab Enclosure Optional Foot and Hand Throttles 2 Standard Gehl TBar Controls Standard Heating Optional High-Back Adjustable Seat Standard Hom Optional Standard Standard Supension Seat - Mechanical Optional Standard Standard Supension Seat - Mechanical Optional Standard Standard Stendard Supension Seat - Mechanical Optional Standard Optional Standard Optional Standard Optional Standard Standard Standard Optional Counterweight Optional Full Instrumentation Standard Standard Standard Standard Standard Standard Optional Full Instrumentation Standard Standard Standard		
Auxiliary Hydraulics Standard Lighting Standard Work Lights - Front and Rear Standard Motorization/Power Standard Engine Block Heater Optional Coberolosure Optional Foot and Hand Throttles 2 Standard Gehl T-Bar Controls Standard Hand/Foot Controls Standard Heating Optional ROPS/FOPS Level II Overhead Guard Standard Suspension Seat - Mechanical Optional Suspension Seat - Mechanical Optional Standard Optional Standard Optional Standard Optional Suspension Seat - Mechanical Optional Suspension Seat - Mechanical Optional Standard Optional S		Standard
Lighting Standard Work Lights - Front and Rear Standard Motorization/Power Standard Engine Block Heater Standard Operator station Optional 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 Suspension Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Counterweight Optional Full Instrumentation Standard Security Standard Anti-Vandalism Protection Standard Back-Up Alarm Optional Hydraloc'' Safety System Standard Lift Arm Support Device Standard	• •	Standard
Work Lights - Front and Rear Standard Motorization/Power Standard Engine Block Heater Standard Operator station Optional Cab Enclosure Optional Foot and Hand Thortoles 2 Standard Gehl TBar Controls Standard Hand/Foot Controls Standard Heating Optional Wigh-Back Adjustable Seat Standard Hom Optional ROPS/FOPS Level II Overhead Guard Standard Suspension Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Seeletable Self-Leveling Hydraulic Lift Action 4 Optional Standard Standard Standard Standard Standard Optional Brack-Up Alarm Optional Back-Up Alarm Optional Back-Up Alarm Optional Back Cottol (Auto / Manual) Standard Hydraloc''' Safety System Standard <t< td=""><td></td><td></td></t<>		
Engine Block Heater Standard Operator station Optional Cab Enclosure Standard Foot and Hand Throttles 2 Standard Gehl TBar Controls Standard Hand/Foot Controls Standard Heating Optional High-Back Adjustable Seat Standard Hom Optional ROPS/FOPS Level II Overhead Guard Standard Supersion Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Standard Full Instrumentation Standard Security Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc''' Safety System Standard Lift Arm Support Device Standard		Standard
Operator station Optional Cab Enclosure Optional Foot and Hand Throttles 2 Standard Gehl TBar 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 Standard Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Standard Counterweight Optional Full Instrumentation Standard Security Standard Back-Up Alarm Optional Brack Control (Auto / Manual) Standard Hydraloc''' Safety System Standard Lift Arm Support Device Standard	Motorization/Power	
Cab EnclosureOptionalFoot and Hand Throttles 2StandardGehl TBar ControlsStandardHand/Foot ControlsStandardHeatingOptionalHigh-Back Adjustable SeatStandardHomOptionalROPs/FOPS Level II Overhead GuardStandardSound Reduction MaterialStandardSuspension Seat - MechanicalOptionalOther optionsOptionalHydrostatic Drive - ServoStandardSelectable Self-Leveling Hydraulic Lift Action 4OptionalSecondary functionsOptionalSecurityOptionalAnti-Vandalism ProtectionStandardBack-Up AlarmOptionalHydraloc" Safety SystemStandardLift Arm Support DeviceStandardLift Arm Support DeviceStandard	Engine Block Heater	Standard
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 Optional Suspension Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Secondary functions Optional Secondary functions Standard Secondary functions Standard Secondary functions Optional Secondary functions Standard Secondary functions Optional Secondary functions Standard Secondary functions	Operator station	
Gehl TBar 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 Optional Suspension Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Full Instrumentation Standard Security Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Hydrosloc" Safety System Standard Lift Arm Support Device Standard	Cab Enclosure	Optional
Hand/Foot 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 Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Full Instrumentation Standard Security Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc''' Safety System Standard Lift Arm Support Device Standard	Foot and Hand Throttles 2	Standard
HeatingOptionalHigh-Back Adjustable SeatStandardHomOptionalROPS/FOPS Level II Overhead GuardStandardSound Reduction MaterialStandardSuspension Seat - MechanicalOptionalOther optionsOther optionalHydrostatic Drive - ServoStandardSelectable Self-Leveling Hydraulic Lift Action 4OptionalSecondary functionsOptionalCounterweightOptionalFull InstrumentationStandardSecurityStandardAnti-Vandalism ProtectionStandardBack-Up AlarmOptionalBrake Control (Auto / Manual)StandardHydraloc''' Safety SystemStandardLift Arm Support DeviceStandard	Gehl T-Bar Controls	Standard
High-Back Adjustable SeatStandardHomOptionalROPS/FOPS Level II Overhead GuardStandardSound Reduction MaterialStandardSuspension Seat - MechanicalOptionalOther optionsOther optionalHydrostatic Drive - ServoStandardSelectable Self-Leveling Hydraulic Lift Action 4OptionalSecondary functionsOptionalCounterweightOptionalFull InstrumentationStandardSecurityOptionalAnti-Vandalism ProtectionStandardBack-Up AlarmOptionalBrake Control (Auto / Manual)StandardHydraloc'' Safety SystemStandardLift Arm Support DeviceStandard	Hand/Foot Controls	Standard
Hom Optional ROPS/FOPS Level II Overhead Guard Standard Sound Reduction Material Optional Suspension Seat - Mechanical Optional Other options Optional Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Counterweight Optional Full Instrumentation Standard Security Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc''' Safety System Standard Lift Arm Support Device Standard	Heating	Optional
RPS/FOPS Level II Overhead Guard SQPS/FOPS Level II Overhead Guard Suspension Seat - Mechanical Other options Uter options Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Counterweight Counterweight Full Instrumentation Security Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc" Safety System Lift Arm Support Device Standard	High-Back Adjustable Seat	Standard
Sound Reduction Material Standard Suyspension Seat - Mechanical Optional Other options Item and	Hom	Optional
Suspension Seat - Mechanical Optional Other options Standard Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Counterweight Optional Full Instrumentation Standard Secondary Standard Secondary Optional Full Instrumentation Standard Secondary Optional Secondary Standard Hydraloc (Auto / Manual) Standard Hydraloc (Safety System Standard Lift Arm Support Device Standard	ROPS/FOPS Level II Overhead Guard	Standard
Other options Standard Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Counterweight Optional Full Instrumentation Standard Security Optional Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc™ Safety System Standard Lift Arm Support Device Standard	Sound Reduction Material	Standard
Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Counterweight Optional Full Instrumentation Standard Security Standard Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc™ Safety System Standard Lift Arm Support Device Standard	Suspension Seat - Mechanical	Optional
Selectable Self-Leveling Hydraulic Lift Action 4 Optional Secondary functions Optional Counterweight Optional Full Instrumentation Standard Security Optional Brake Control (Auto / Manual) Standard Hydraloc™ Safety System Standard Lift Arm Support Device Standard	Other options	
Secondary functions Optional Counterweight Optional Full Instrumentation Standard Security Optional Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc™ Safety System Standard Lift Arm Support Device Standard	Hydrostatic Drive - Servo	Standard
Counterweight Optional Full Instrumentation Standard Security Instrumentation Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc [™] Safety System Standard Lift Arm Support Device Standard	Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Full Instrumentation Standard Security Standard Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc [™] Safety System Standard Lift Arm Support Device Standard	Secondary functions	
Security Standard Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc [™] Safety System Standard Lift Arm Support Device Standard	Counterweight	Optional
Anti-Vandalism Protection Standard Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc [™] Safety System Standard Lift Arm Support Device Standard	Full Instrumentation	Standard
Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc [™] Safety System Standard Lift Arm Support Device Standard	Security	
Brake Control (Auto / Manual) Standard Hydraloc [™] Safety System Standard Lift Arm Support Device Standard	Anti-Vandalism Protection	Standard
Hydraloc [™] Safety System Standard Standard Standard Standard	Back-Up Alarm	Optional
Lift Arm Support Device Standard	Brake Control (Auto / Manual)	Standard
	Hydraloc™ Safety System	Standard
	Lift Arm Support Device	Standard
Operator Restraint Bar 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