Technical sheet:

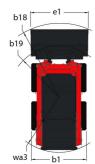
850R



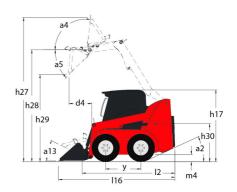


	850R Created on May 17, 2024 a	11 0.41.40 AWI UT	
Capacities	Metric		
Rated Operating Capacity	386 kg		
Unladen weight	1352 kg		
Weight and dimensions			
Overall Operating Height - Fully Raised	h27 3167 mm	1	
Height to Hinge Pin – Fully Raised	h28 2438 mm	1	
Overall Height to top of ROPS	h17 1897 mm	1	
Dump angle at full height	a5 46 °		
Dump height State of the state	h29 1836 mm	1	
Overall length with bucket	l16 2576 mm		
Dump reach - Full height	r6 376 mm		
Rollback at ground	a13 23 °		
Seat to ground height	h30 879 mm		
Wheelbase	y 775 mm		
Overall width less bucket	b1 909 mm		
Bucket Width	e1 914 mm		
Ground clearance	m4 150 mm		
Overall length - Less Bucket	l2 1905 mm		
Departure angle	a2 30 °	ı	
Clearance Radius - Front with Bucket	b18 1473 mm	,	
Clearance Circle - Front without Bucket	b19 833 mm		
Clearance Circle - Rear	wa1 1097 mm		
Performances	wa1 105/ IIIII		
Travel speed (unladen)	8.90 km/l	<u> </u>	
Wheels	8:90 KIII/I	ı	
Standard tires	5.70x12		
	5.70X12		
Engine	V		
Engine brand		Yanmar	
Engine model		3TNV82A-BPMSR	
Engine norm	•	Stage V	
Gross Power		18.10 kW	
Net Power		17.80 kW	
Max. torque / Engine rotation		86 Nm / 2400 rpm	
Power source		Diesel	
Battery voltage		12 V	
Alternator		40 kW	
Starter	1.70 kW		
Hydraulics			
Standard flow - Auxiliary hydraulics		38.20 l/min	
Auxiliary Hydraulic Pressure	145 bar		
Tank capacities			
Fuel tank	29		
Hydraulic oil tank capacity	27.30 I		
Displacement	1.30		
Noise and vibration			
Noise to environment (LwA)	101 dB	101 dB	
Noise at driving position (LpA)	85 dB		
Whole-Body Vibration (ISO 2631-1)	1.05 m/s ²		
Vibration on hands/arms	< 1.53 m/s²		

850R - 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	Optional
Operator station	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Full-Suspension Seat	Optional
Gehl T-Bar Controls	Standard
Heating	Optional
Hom	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	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