Technical sheet :

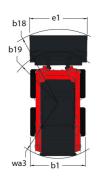




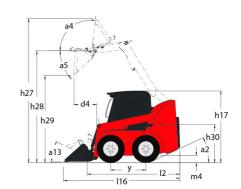


	<b>1800R</b> Created on July 30, 2025 at 7:54 P	TU M
Capacities	Metric	
Rated Operating Capacity	817 kg	
Unladen weight	2892 kg	
Tipping capacity	1633 kg	
Weight and dimensions		
Wheelbase	y 988 mm	
Overall Operating Height - Fully Raised	h27 3876 mm	
Height to Hinge Pin - Fully Raised	h28 3023 mm	
Overall Height to top of ROPS	h17 1948 mm	
Dump angle at full height	a5 38 °	
Dump height	h29 2379 mm	
Overall length with bucket	116 3139 mm	
Dump reach - Full height	r6 579 mm	
Rollback at ground	a13 28 °	
Rollback Angle at Full Height	a13 20 a4 99 °	
Seat to ground height		
Overall width less bucket Bucket Width	b1 1582 mm e1 1562 mm	
Ground clearance	m4 160 mm	
Overall length - Less Bucket	12 2425 mm	
Departure angle	a2 19°	
Clearance Radius - Front with Bucket	b18 1869 mm	
Rear departure angle Performances	19 °	
Travel speed (unladen)	12.60 km/h	
Wheels		
Standard tires	10 x 16.5 - 10 PR HD	
Engine		
Engine brand	Yanmar	
Engine model	4TNV98-ZNMS3R1	
Engine norm	iT4	
Gross Power	52.10 kW	
Net Power	51.20 kW	
Max. torque / Engine rotation	241 Nm / 2500 rpm	
Power source	Diesel	
Number of cylinders	4	
Battery voltage	12 V	
Accessory plug	12 V	
Alternator - Ampere	100 A	
Starter	3 kW	
Hydraulics		
Standard flow - Auxiliary hydraulics	71.40 l/min	
Auxiliary Hydraulic Pressure	207 bar	
Tank capacities		
Fuel tank	62.50	
Hydraulic tank capacity	41.60	
Displacement	41.001 3319 mm <sup>3</sup>	
LH Chain case	8.501	
	6 JU	
RH Chain case	8.50	

## 1800R - Dimensional drawing









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