

Technical sheet :

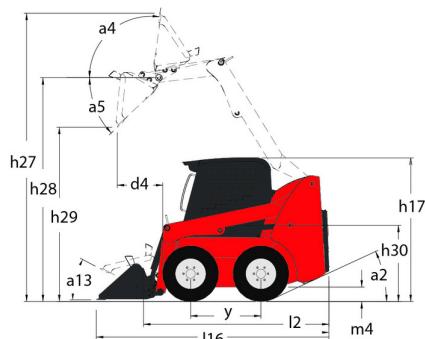
# 1800R



 **MANITOU**  
HANDLING YOUR WORLD

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	l16	3139 mm	
Dump reach - Full height	r6	579 mm	
Rollback at ground	a13	28 °	
Rollback Angle at Full Height	a4	99 °	
Seat to ground height	h30	930 mm	
Overall width less bucket	b1	1582 mm	
Bucket Width	e1	1562 mm	
Ground clearance	m4	160 mm	
Overall length - Less Bucket	l2	2425 mm	
Departure angle	a2	19 °	
Clearance Radius - Front with Bucket	b18	1869 mm	
Rear departure angle		19 °	
Performances			
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	
Max. torque / Engine rotation		241 Nm / 2500 rpm	
Power source		Diesel	
Number of cylinders		4	
Engine power (Hp / kW)		70.65 Hp / 51.20 kW	
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		62.50 l	
Hydraulic tank capacity		41.60 l	
Displacement		3319 mm³	
LH Chain case		8.50 l	
RH Chain case		8.50 l	

## 1800R - Dimensional drawing





# **MANITOU** HANDLING YOUR WORLD

## 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](http://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