

Technical sheet

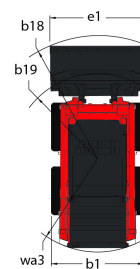
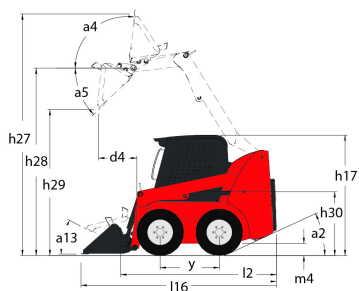
# 1500R

Skid Steer Loaders



Capacities	Metric	Imperial
Rated Operating Capacity	680 kg	1499.14 lbs
Rated Op. Capacity with Opt. Counterweight	748 kg	1649.06 lbs
Weight and dimensions		
h27 - Overall Operating Height – Fully Raised	3876 mm	12 ft 9 in
h28 - Height to Hinge Pin – Fully Raised	3023 mm	9 ft 11 in
l16 - Overall Length with Bucket	3101 mm	10 ft 9 in
a5 - Dump Angle at Full Height	38 °	38 °
h29 - Dump Height	2380 mm	7 ft 10 in
Lifting height	3023 mm	9 ft 11 in
d4 - Dump Reach at Full Height	579 mm	1 ft 11 in
a13 - Rollback at Ground	28 °	28 °
a4 - Rollback Angle at Full Height	99 °	99 °
e1 - Bucket Width	1562 mm	5 ft 2 in
h17 Overall Height to Top of ROPS	1948 mm	6 ft 5 in
h30 - Seat to Ground Height	904 mm	2 ft 12 in
y - Wheelbase	988 mm	3 ft 3 in
b1 - Overall Width - Less Bucket A	1605 mm	5 ft 3 in
m4 - Ground Clearance to Chassis	160 mm	6 in
l2 - Overall Length - Less Bucket	2385 mm	7 ft 10 in
a2 - Departure Angle	21 °	21 °
b18 - Clearance Circle – Front with Bucket	1869 mm	6 ft 2 in
b19 - Clearance Circle – Front without Bucket	1153 mm	3 ft 9 in
wa3 - Clearance Circle – Rear	1466 mm	4 ft 10 in
Operating Weight – Approximate	2690 kg	5930.43 lbs
Performances		
Travel Speed – Maximum	11.90 km/h	7.40 mph
Wheels		
Standard Specification Tire Size	10x16.5 HD	10x16.5 HD
Engine		
Make	Yanmar	Yanmar
Model	4TNV88C-KMS	4TNV88C-KMS
Gross Power	46.30 hp / 34.50 kW	46.30 hp / 34.50 kW
Net Power	33 hp / 45.13 kW	33 hp / 45.13 kW
Maximum Torque	146 Nm at -	107.80 ft.lbs at -
Battery (CCA)	12 V / -	12 V / -
Starter	46.30 hp / 3 kW	46.30 hp / 3 kW
Alternator	46.30 hp / 100 kW	46.30 hp / 100 kW
Hydraulics		
Auxiliary Hydraulic Flow – Rated Speed	64.40 l/min	17.01 gpm
Tank capacities		
Fuel Tank	62.50 l	16.50 US gal.
Hydraulic Reservoir Tank	41.60 l	11 US gal.
Displacement	-	0.57 US gal.
Noise & vibration		
Noise Level / Environmental Level (EU Dir. 00/14/EC)	101 dB(A)	101 dB(A)
Operator Ear (EU Dir. 2006/42/EC)	85 dB(A)	85 dB(A)
Whole-Body Vibration (ISO 2631-1)	<0.73 m/s²	<2.39 ft/s²
Hand-Arm Vibration (ISO 5349-1)	<1.60 m/s²	<5.25 ft/s²

## Dimensional drawing



## Equipments

Controls	
Gehl T-Bar Controls	Optional
Hand/Foot Controls	Optional
Engine	
Engine Auto-Shutdown System	Standard
Engine Block Heater	Optional
Swing-Out Cooler	Standard
Hydraulics	
Auxiliary Hydraulics	Standard
Operator station	
Heating	Optional
Air conditioning	Optional
High-Back Adjustable Seat	Standard
Suspension Seat - Mechanical	Optional
Suspension Seat - Air Ride	Optional
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Full Instrumentation	Standard
Horn	Standard
Integral Access Plate (removable)	Standard
Operator Restraint Bar	Standard
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Work Lights - Front and Rear	Standard
Performance	
All-Tach® Attachment Mounting System	Standard
Power-A-Tach® Attachment Mounting System	Optional
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
Counterweight	Optional
Hydraglide™ Ride Control 3	Optional
Hydraloc™ Safety System	Standard
Hydrostatic Drive - Servo	Standard
Lift Arm Support Device	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional

Your dealer :



**Siège Social**

B.P. 249 - 430 rue de l'Aubinière - 44158 Ancenis Cedex - France

Tel: 00 33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97

[manitou.com](http://manitou.com)



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only. MANITOU BF SA - Limited company with board of directors - Share capital: 39,547,824 euros - 857 802 508 RCS Nantes