

Technical sheet :

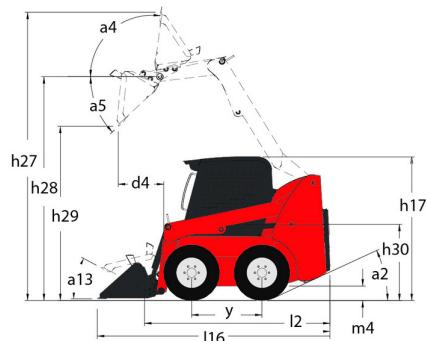
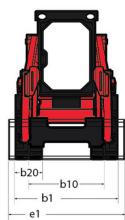
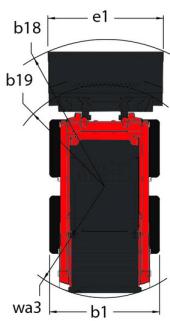
1050R



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Rated Operating Capacity		476 kg	
Rated Operating Capacity with Optional Counterweight		533 kg	
Unladen weight		1905 kg	
Weight and dimensions			
Wheelbase	y	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	a5	42 °	
Dump height	h29	2146 mm	
Overall length with bucket	l16	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	l2	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	
Max. torque / Engine rotation		108 Nm / 2800 rpm	
Power source		Diesel	
Engine power (Hp / kW)		34.20 Hp / 24.70 kW	
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		39.40 l	
Hydraulic tank capacity		30.30 l	
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



Equipment

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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	Standard
Operator station	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Standard
Hand/Foot Controls	Standard
Heating	
High-Back Adjustable Seat	Standard
Horn	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
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



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



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