

Technical sheet :

# 1050R

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 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Imperial
Rated Operating Capacity		1049 lb
Rated Operating Capacity with Optional Counterweight		1175 lb
Unladen weight		4200 lb
Weight and dimensions		
Wheelbase	y	34 in
Overall Operating Height - Fully Raised	h27	140 in
Height to Hinge Pin - Fully Raised	h28	108 in
Overall Height to top of ROPS	h17	70 in
Dump angle at full height	a5	42 °
Dump height	h29	84 in
Overall length with bucket	l16	114 in
Dump reach - Full height	r6	23 in
Rollback at ground	a13	29 °
Seat to ground height	h30	33 in
Overall width less bucket	b1	48 in
Bucket Width	e1	55 in
Ground clearance	m4	6 in
Overall length - Less Bucket	l2	89 in
Departure angle	a2	26 °
Clearance Radius - Front with Bucket	b18	69 in
Performances		
Travel speed (unladen)		6 mph
Wheels		
Standard tires		27 x 8.5 x 15 HD
Engine		
Engine brand		Yanmar
Engine model		3TNV88C-KMSV
Engine norm		Stage V, Tier 4
Gross Power		25.50 kW
Net Power		24.70 kW
Max. torque / Engine rotation		80 ft/lbs / 2800 rpm
Power source		Diesel
I.C. Engine power rating		34.20 Hp
Battery voltage		12 V
Alternator		40 kW
Starter		2.30 kW
Hydraulics		
Standard flow - Auxiliary hydraulics		15 US gpm
Auxiliary Hydraulic Pressure		2750 PSI
Tank capacities		
Fuel tank		10 US gal
Hydraulic tank capacity		8 US gal
Displacement		0.42 US gal
Noise and vibration		
Noise to environment (LwA)		101 dB
Noise at driving position (LpA)		80 dB
Whole-Body Vibration (ISO 2631-1)		3 ft/s²
Vibration on hands/arms		< 3 ft/s²

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	Optional
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



**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)



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