

# R190 GEN:2

## COMPACT LOADERS



### Key Features

- ✓ All-Tach® Attachment System (Universal Type)
- ✓ Hydraloc™ System
- ✓ ROPS/FOPS Level II
- ✓ Dual T-Bar or Joystick Control System
- ✓ Zero Maintenance Axles with 8-Bolt Rims
- ✓ Acoustical Sound Material and Deluxe Headliner
- ✓ Standard High Back Cushion Seat

### Key Specifications

- ✓ Operating Capacity (50%) - 1,900 lbs. (862 kg)
- ✓ Overall height to top of ROPS - 77" (1956 mm)
- ✓ Gross Power - 51.67 kW (69.3 hp) @ 1625 rpm
- ✓ Yanmar / 4TNV98C-NMS2V / Tier IV
- ✓ 178 ft.-lbs (241 Nm) @ 1625 rpm max torque
- ✓ 119" (3022 mm) height to hinge pin
- ✓ 62" (1575 mm) machine width - less bucket
- ✓ 6,995 lbs. (3173 kg) operating weight

## SPECIFICATIONS

		IMPERIAL
Capacities	Operating Capacity At 50% Tipping Load	1900 lb
	Operating Weight	6995 lb
	Tipping capacity	3800 lb
Weight and dimensions	Wheelbase	42 in
	Overall Operating Height - Fully Raised	153 in
	Height to Hinge Pin - Fully Raised	119 in
	Overall Height to top of ROPS	77 in
	Dump angle at full height	38 °
	Dump height	94 in
	Overall length with bucket	128 in
	Dump reach - Full height	23 in
	Rollback at ground	28 °
	Rollback Angle at Full Height	99 °
	Seat to ground height	36 in
	Overall width less bucket	62 in
	Bucket Width	66 in
	Ground clearance	6 in
	Overall length - Less Bucket	96 in
	Clearance Radius - Front with Bucket	80 in
Rear departure angle	21 °	
Performances	Travel speed (unladen)	8 mph
	Travel Speed with Two-Speed Option - Maximum	12 mph
Wheels	Standard tires	10 x 16.5
Engine	Engine brand	Yanmar
	Engine model	4TNV98C-NMS2V
	Engine norm	Stage IV / Tier 4 Final
	Gross Power	51.67 kW
	Net Power	51 kW
	Max. torque / Engine rotation	178 ft/lbs / 1625 rpm
	Power source	Diesel
	I.C. Engine power rating	69.30 Hp
	Battery voltage	12 V
	Starter	3 kW
	Hydraulics	Standard flow - Auxiliary hydraulics
Auxiliary Hydraulic Pressure		3002 PSI
High-Flow Auxiliary Hydraulics - Option		30 US gpm
High-Flow Auxiliary Hydraulics Pressure - Option		2901 PSI
Tank capacities	Fuel tank	16 US gal
	Hydraulic tank capacity	9 US gal
Noise and vibration	Noise to environment (LwA)	100 dB
	Whole-Body Vibration (ISO 2631-1)	0.96 m/s²
	Vibration on hands/arms	< 1.53 m/s²



## STANDARD FEATURES

- T-Bar Controls
- High-Back Adjustable Seat
- Sound Reduction Material
- Hydrostatic Drive - Servo
- Adjustable 2-inch Seat Belt
- Hydraloc™ Safety System
- Anti-Vandalism Lock Provisions
- ROPS/FOPS Level II Overhead Guard
- Front and Rear - Work Lights
- 12Volt Power Port
- Horn
- Fuel gauge with low level indicator
- Pilot Joystick Controls

## OPTIONAL FEATURES

- Suspension Seat
- Selectable Self-Leveling Hydraulic Lift Action 4
- Rearview Camera
- Power-A-Tach® Attachment Mounting System
- Ceiling light
- Back-Up Alarm
- Inner rear view mirror
- Rotating Beacon
- LED Work Lights
- Heat & Defrost
- Engine Auto-Shutdown System
- Hydraglide™ Ride Control
- Engine Block Heater
- 3-inch Seatbelt
- Bluetooth car radio
- Swing-out Cab Door
- Simplified lifting system without spreader bar

Manitou Group reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly. Manitou Group reserves the right to add improvements or make changes in specifications at any time without notice or obligation.



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GEHL COMPACT EQUIPMENT