

# 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	METRIC
Capacities	Operating Capacity At 50% Tipping Load	1900 lb	861.82 kg
	Operating Weight	6995 lb	3172.87 kg
	Tipping capacity	3800 lb	1723.65 kg
Weight and dimensions	Wheelbase	42 in	1066.80 mm
	Overall Operating Height - Fully Raised	153 in	3886.20 mm
	Height to Hinge Pin - Fully Raised	119 in	3022.60 mm
	Overall Height to top of ROPS	77 in	1955.80 mm
	Dump angle at full height	38 °	38 °
	Dump height	94 in	2387.60 mm
	Overall length with bucket	128 in	3251.20 mm
	Dump reach - Full height	23 in	584.20 mm
	Rollback at ground	28 °	28 °
	Rollback Angle at Full Height	99 °	99 °
	Seat to ground height	36 in	904.24 mm
	Overall width less bucket	62 in	1574.80 mm
	Bucket Width	66 in	1676.40 mm
	Ground clearance	6 in	160.02 mm
	Overall length - Less Bucket	96 in	2446.02 mm
	Clearance Radius - Front with Bucket	80 in	2032 mm
	Rear departure angle	21 °	21 °
Performances	Travel speed (unladen)	8 mph	12.55 km/h
	Travel Speed with Two-Speed Option - Maximum	12 mph	19.47 km/h
Wheels	Standard tires	10 x 16.5	10 x 16.5
Engine	Engine brand	Yanmar	Yanmar
	Engine model	4TNV98C-NMS2V	4TNV98C-NMS2V
	Engine norm	Stage IV, Tier 4 final	Stage IV, Tier 4 final
	Gross Power	69.30 Hp	69.30 Hp
	Max. torque / Engine rotation	178 ft/lbs / 1625 rpm	241 Nm / 1625 rpm
	Power source	Diesel	Diesel
	Battery voltage	12 V	12 V
	Starter	3 kW	3 kW
Hydraulics	Standard flow - Auxiliary hydraulics	19 US gpm	70.78 l/min
	Auxiliary Hydraulic Pressure	3002 PSI	207 bar
	High-Flow Auxiliary Hydraulics - Option	30 US gpm	113.94 l/min
	High-Flow Auxiliary Hydraulics Pressure - Option	2901 PSI	200 bar
Tank capacities	Fuel tank	16 US gal	58.67 l
	Hydraulic tank capacity	9 US gal	35.96 l
Noise and vibration	Noise to environment (LwA)	100 dB	100 dB
	Whole-Body Vibration (ISO 2631-1)	0.96 m/s²	0.96 m/s²
	Vibration on hands/arms	< 1.53 m/s²	< 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