

# R220

## COMPACT LOADERS



### Key Features

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

### Key Specifications

- ✓ Operating Capacity (50%) - 998 kg (2,200 lbs.)
- ✓ Overall height to top of ROPS - 2057 mm (81")
- ✓ Gross Power - 53.7 kW (72 hp) @ 2500 rpm
- ✓ Yanmar / 4TNV98C-NMSLV / Stage V
- ✓ 294 Nm (217 ft.-lbs.) @ 1625 rpm max torque
- ✓ 3124 mm (123") height to hinge pin
- ✓ 1712 mm (67.4") machine width - less bucket
- ✓ 3620 kg (7,980 lbs.) operating weight

## SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Rated Operating Capacity	2200 lb	998 kg
	Rated Operating Capacity with Optional Counterweight	2370 lb	1075 kg
	Unladen weight	7981 lb	3620 kg
Weight and dimensions	Wheelbase	43 in	1092 mm
	Overall Operating Height - Fully Raised	161 in	4089 mm
	Height to Hinge Pin - Fully Raised	123 in	3124 mm
	Overall Height to top of ROPS	81 in	2057 mm
	Dump angle at full height	40 °	40 °
	Dump height	94 in	2388 mm
	Overall length with bucket	136 in	3467 mm
	Dump reach - Full height	27 in	685.80 mm
	Rollback at ground	28 °	28 °
	Seat to ground height	40 in	1016 mm
	Overall width less bucket	67 in	1711.96 mm
	Bucket Width	67 in	1711.96 mm
	Ground clearance	8 in	203 mm
	Overall length - Less Bucket	105 in	2667 mm
	Clearance Radius - Front with Bucket	88 in	2223 mm
	Rear departure angle	25 °	25 °
Performances	Travel speed (unladen)	8 mph	12.90 km/h
	Travel Speed with Two-Speed Option - Maximum	12 mph	19.20 km/h
Wheels	Standard tires	12.00 x 16.5 HD	12.00 x 16.5 HD
Engine	Engine brand	Yanmar	Yanmar
	Engine model	4TNV98CT-NMSLV	4TNV98CT-NMSLV
	Engine norm	Stage V	Stage V
	Gross Power	53.70 kW	53.70 kW
	Net Power	52.70 kW	52.70 kW
	Max. torque / Engine rotation	217 ft/lbs / 1625 rpm	294 Nm / 1625 rpm
	Power source	Diesel	Diesel
	I.C. Engine power rating	53.70 Hp	53.70 Hp
	Battery voltage	12 V	12 V
	Starter	3 kW	3 kW
Hydraulics	Standard flow - Auxiliary hydraulics	24 US gpm	90 l/min
	High-Flow Auxiliary Hydraulics - Option	35 US gpm	132.50 l/min
Tank capacities	Fuel tank	18 US gal	68.10 l
	Hydraulic tank capacity	8 US gal	30.30 l
	Displacement	0.87 US gal	3.30 l
Noise and vibration	Noise to environment (LwA)	101 dB	101 dB
	Whole-Body Vibration (ISO 2631-1)	0.96 m/s²	0.96 m/s²
	Vibration on hands/arms	< 1.50 m/s²	< 1.50 m/s²



## STANDARD FEATURES

- Hour meter
- T-Bar Controls
- High-Back Adjustable Seat
- Battery charge indicator lamp
- Adjustable 2-inch Seat Belt
- Hydraloc™ Safety System
- Operator Restraint Bar
- Lift Arm Support Device
- Back-Up Alarm
- Anti-Vandalism Lock Provisions
- ROPS/FOPS Level II Overhead Guard
- Front and Rear - Work Lights
- 12Volt Power Port
- Horn
- Hand/Foot Controls

## OPTIONAL FEATURES

- Selectable Self-Leveling Hydraulic Lift Action 4
- Power-A-Tach® Attachment Mounting System
- Back-Up Alarm
- Rotating Beacon
- Simplified lift system
- Engine Block Heater
- LED Work Lights
- Rear view mirror
- Heat & Defrost
- Hydraglide™ Ride Control
- Rear camera with cab display screen
- 3-inch Seatbelt
- Automatic engine shutdown
- Swing-out Cab Door
- Radio

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