

# R165

## 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%) - 748 kg (1,650 lbs.)
- ✓ Overall height to top of ROPS - 1956 mm (77")
- ✓ Gross Power - 51.7 kW (69.3 hp) @ 2500 rpm
- ✓ Yanmar / 4TNV98C-NMS2V / iT4
- ✓ 241 Nm (178 ft.-lbs.) @ 1625 rpm max torque
- ✓ 3018 mm (118.8") height to hinge pin
- ✓ 1580 mm (62.2") machine width - less bucket
- ✓ 2769 kg (6,165 lbs.) operating weight

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Operating Capacity At 50% Tipping Load	1650 lb	748.42 kg
	Rated Operating Capacity with Optional Counterweight	1800 lb	816.50 kg
	Operating Weight	6115 lb	2773.71 kg
	Tipping capacity	3300 lb	1496.85 kg
Weight and dimensions	Wheelbase	39 in	986 mm
	Overall Operating Height - Fully Raised	153 in	3876 mm
	Height to Hinge Pin - Fully Raised	118 in	3009.90 mm
	Overall Height to top of ROPS	77 in	1955.80 mm
	Dump angle at full height	38 °	38 °
	Dump height	94 in	2379 mm
	Overall length with bucket	122 in	3101 mm
	Dump reach - Full height	23 in	579 mm
	Rollback at ground	28 °	28 °
	Seat to ground height	36 in	904 mm
	Overall width less bucket	62 in	1580 mm
	Bucket Width	61 in	1562 mm
	Ground clearance	6 in	160 mm
	Overall length - Less Bucket	94 in	2385 mm
	Departure angle	21 °	21 °
Performances	Travel speed (unladen)	8 mph	12.60 km/h
	Travel Speed with Two-Speed Option - Maximum	12 mph	19.50 km/h
Wheels	Standard tires	10.00 x 16.5 HD	10.00 x 16.5 HD
Engine	Engine brand	Yanmar	Yanmar
	Engine model	4TNV98C-NMS2V	4TNV98C-NMS2V
	Engine norm	IT4	IT4
	Gross Power	51.70 kW	51.70 kW
	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	20 US gpm	77 l/min
	High-Flow Auxiliary Hydraulics - Option	30 US gpm	114 l/min
Tank capacities	Fuel tank	17 US gal	62.50 l
	Hydraulic tank capacity	10 US gal	39 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)	1.05 m/s²	1.05 m/s²
	Vibration on hands/arms	< 1.53 m/s²	< 1.53 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
- 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
- Easy Manager

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