

# R105

COMPACT LOADERS



## Key Features

- ✓ All-Tach® Attachment System (Universal-Type)
- ✓ Hydraloc™ System
- ✓ ROPS/FOPS Level II
- ✓ Dual T-Bar Control System
- ✓ Audible Back-Up Alarm
- ✓ Standard High Back Cushion Seat

## Key Specifications

- ✓ Operating capacity (50%) - 476 kg (1,050 lbs)
- ✓ Overall height to top of ROPS - 1786 mm (70.3")
- ✓ Gross Power - 25.5 kW (34.7 hp) @ 2800 rpm
- ✓ Yanmar / 3TNV88C-KMS / Tier 4 Final
- ✓ 109.4 Nm (80.7 ft.-lbs) @ 1820 rpm max torque
- ✓ 2731 mm (107.5") height to hinge pin
- ✓ 1232 mm (48.5") machine width - less bucket
- ✓ 1905 kg (4,200 lbs.) operating weight

## SPECIFICATIONS

		METRIC
Capacities	Operating Capacity At 50% Tipping Load	476.27 kg
	Rated Operating Capacity with Optional Counterweight	533 kg
	Operating Weight	1905 kg
	Tipping capacity	952.54 kg
Weight and dimensions	Wheelbase	876 mm
	Overall Operating Height - Fully Raised	3607 mm
	Height to Hinge Pin - Fully Raised	2731 mm
	Overall Height to top of ROPS	1784 mm
	Dump angle at full height	40 °
	Dump height	2083 mm
	Overall length with bucket	2997 mm
	Dump reach - Full height	641 mm
	Rollback at ground	31 °
	Seat to ground height	826 mm
	Overall width less bucket	1232 mm
	Bucket Width	1372 mm
	Ground clearance	159 mm
	Overall length - Less Bucket	2248 mm
	Clearance Radius - Front with Bucket	1829 mm
	Rear departure angle	22 °
Performances	Travel speed (unladen)	8.26 km/h
Wheels	Standard tires	27 x 8.5 x 15 HD
Engine	Engine brand	Yanmar
	Engine model	3TNV88C-KMS
	Engine norm	Tier 4 final
	Gross Power	25.50 kW
	Net Power	23.70 kW
	Max. torque / Engine rotation	109.40 Nm / 1820 rpm
	Power source	Diesel
	Battery voltage	12 V
	Starter	2.30 kW
Hydraulics	Standard flow - Auxiliary hydraulics	55 l/min
Tank capacities	Fuel tank	43.18 l
	Hydraulic tank capacity	30.30 l
	Displacement	1.64 l
Noise and vibration	Noise to environment (LwA)	101 dB
	Whole-Body Vibration (ISO 2631-1)	1.12 m/s <sup>2</sup>
	Vibration on hands/arms	< 1.70 m/s <sup>2</sup>



## 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
- Hand/Foot Controls
- Integral Access Plate (removable)
- All-Tach® Attachment Mounting System

## OPTIONAL FEATURES

- Selectable Self-Leveling Hydraulic Lift Action 4
- Rotating Beacon
- Simplified lift system
- Engine Block Heater
- Horn
- Rear view mirror
- Heat & Defrost
- 3-inch Seatbelt
- Automatic engine shutdown
- Swing-out Cab Door
- Radio
- Easy Manager
- Battery Disconnect
- Air suspension seat

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