

# 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-KMSV / Stage V
- ✓ 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

		IMPERIAL	METRIC
Capacities	Operating Capacity At 50% Tipping Load	1050 lb	476.27 kg
	Rated Operating Capacity with Optional Counterweight	1175 lb	533 kg
	Operating Weight	4200 lb	1905 kg
	Tipping capacity	2100 lb	952.54 kg
Weight and dimensions	Wheelbase	34 in	876 mm
	Overall Operating Height - Fully Raised	142 in	3607 mm
	Height to Hinge Pin - Fully Raised	108 in	2731 mm
	Overall Height to top of ROPS	70 in	1784 mm
	Dump angle at full height	40 °	40 °
	Dump height	82 in	2083 mm
	Overall length with bucket	118 in	2997 mm
	Dump reach - Full height	25 in	641 mm
	Rollback at ground	31 °	31 °
	Seat to ground height	33 in	826 mm
	Overall width less bucket	49 in	1232 mm
	Bucket Width	54 in	1372 mm
	Ground clearance	6 in	159 mm
	Overall length - Less Bucket	89 in	2248 mm
	Clearance Radius - Front with Bucket	72 in	1829 mm
	Rear departure angle	22 °	22 °
Performances	Travel speed (unladen)	5 mph	8.26 km/h
Wheels	Standard tires	27 x 8.5 x 15 HD	27 x 8.5 x 15 HD
Engine	Engine brand	Yanmar	Yanmar
	Engine model	3TNV88C-KMSV	3TNV88C-KMSV
	Engine norm	Stage V, Tier 4	Stage V, Tier 4
	Gross Power	25.50 kW	25.50 kW
	Max. torque / Engine rotation	81 ft/lbs / 1820 rpm	109.40 Nm / 1820 rpm
	Power source	Diesel	Diesel
	Battery voltage	12 V	12 V
	Starter	2.30 kW	2.30 kW
Hydraulics	Standard flow - Auxiliary hydraulics	15 US gpm	55 l/min
Tank capacities	Fuel tank	11 US gal	43.18 l
	Hydraulic tank capacity	8 US gal	30.30 l
	Displacement	0.43 US gal	1.64 l
Noise and vibration	Noise to environment (LwA)	101 dB	101 dB
	Whole-Body Vibration (ISO 2631-1)	1.12 m/s²	1.12 m/s²
	Vibration on hands/arms	< 1.70 m/s²	< 1.70 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
- 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