

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

SPECIFICATIONS

		IMPERIAL
Capacities	Operating Capacity At 50% Tipping Load	1050 lb
	Rated Operating Capacity with Optional Counterweight	1175 lb
	Operating Weight	4200 lb
	Tipping capacity	2100 lb
Weight and dimensions	Wheelbase	34 in
	Overall Operating Height - Fully Raised	142 in
	Height to Hinge Pin - Fully Raised	108 in
	Overall Height to top of ROPS	70 in
	Dump angle at full height	40 °
	Dump height	82 in
	Overall length with bucket	118 in
	Dump reach - Full height	25 in
	Rollback at ground	31 °
	Seat to ground height	33 in
	Overall width less bucket	49 in
	Bucket Width	54 in
	Ground clearance	6 in
	Overall length - Less Bucket	89 in
	Clearance Radius - Front with Bucket	72 in
Rear departure angle	22 °	
Performances	Travel speed (unladen)	5 mph
Wheels	Standard tires	27 x 8.5 x 15 HD
	Engine brand	Yanmar
Engine	Engine model	3TNV88C-KMSV
	Engine norm	Stage V / Tier 4 final
	Gross Power	34.20 Hp
	Max. torque / Engine rotation	81 ft/lbs / 1820 rpm
	Power source	Diesel
	Battery voltage	12 V
	Starter	2.30 kW
Hydraulics	Standard flow - Auxiliary hydraulics	15 US gpm
Tank capacities	Fuel tank	11 US gal
	Hydraulic tank capacity	8 US gal
	Displacement	0.43 US gal
Noise and vibration	Noise to environment (LwA)	101 dB
	Whole-Body Vibration (ISO 2631-1)	1.12 m/s ²
	Vibration on hands/arms	< 1.70 m/s ²



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