# **R105**COMPACT LOADERS





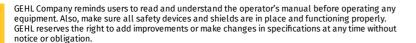
## **KEY FEATURES**

- 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

		METRIC
CAPACITIES	Operating Capacity At 50% Tipping Load	476.27 kg
	Rated Operating Capacity with Optional Counterweight	533 kg
	Operating Weight	1905 kg
	Unladen weight	1678 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	-
	Overall width less bucket	826 mm 1224 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 °
WHEELS 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-KMSV
	Engine norm	Stage V, Tier 4
	Max. torque / Engine rotation	109.40 Nm / 1820 rpm
	Power source	Diesel
	Engine power (Hp / kW)	34 Hp / 25.50 kW
	Battery voltage	12 V
	Starter Starter	2.30 kW
APACITIES HYDRAULICS	Standard flow - Auxiliary hydraulics	55 I/min
NOISE AND VIBRATION TANK CAPACITIES	Fuel	361
	Hydraulic tank capacity	30.30 I
	Noise to environment (LwA)	101 dB
	Whole-Body Vibration (ISO 2631-1)	1.12 m/s²
NO ISE	Vibration on hands/arms	< 1.70 m/s²





#### STANDARD FEATURES

- Back-Up Alarm
- T-Bar Controls
- Anti-Vandalism Lock Provisions
- Hydraloc™ Safety System
- Adjustable 2-inch Seat Belt
- Integral Access Plate (removable)
- Hour meter
- 12Volt Power Port
- Lift Arm Support Device
- · Hand/Foot Controls
- Servo-Controlled Hydrostatic Drive
- High-Back Adjustable Seat
- · Operator Restraint Bar
- Battery charge indicator lamp
- All-Tach® Attachment Mounting System
- Front and Rear Work Lights

#### **OPTIONAL FEATURES**

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

