

# R105

SKID LOADER

# GEHL®



## 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

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## SPECIFICATIONS

	IMPERIAL	METRIC
DIMENSIONS	Overall Operating Height - Fully Raised	142" 3607 mm
	Height to Hinge Pin - Fully Raised	107.5" 2731 mm
	Overall Height to Top of ROPS	70.25" 1784 mm
	Overall Length with Bucket (w/o Counterweight)	118" 2997 mm
	Dump Angle at Full Height	40°
	Dump Height - Fully Raised	82" 2083 mm
	Dump Reach at Full Height	25.25" 641 mm
	Maximum Rollback Angle at Ground	31°
	Rollback Angle at Full Height	101°
	Seat to Ground Height	32.5" 826 mm
	Wheelbase	34.5" 876 mm
	Overall Width - Less Bucket <sup>A</sup>	48.5" 1232 mm
	Bucket Width	54" 1372 mm
	Ground Clearance to Chassis	6.25" 159 mm
	Overall Length without Bucket (w/o Counterweight)	88.5" 2248 mm
	Rear Departure Angle	22°
	Clearance Radius - Front with Bucket	72" 1829 mm
	Clearance Radius - Front without Bucket	42" 1067 mm
	Clearance Radius - Rear (w/o Counterweight)	54.1" 1372 mm
	Standard Specification Tire Size	27x8.5x15 HD
ENGINE	Make	Yanmar
	Model	3TNV88C-KMSV Stage V
	Gross Power @ 2800 rpm	34.7 hp 25.5 kW
	Net Power @ 2800 rpm	31.8 hp 23.7 kW
	Maximum Torque @ 1820 rpm	80.7 ft-lbs. 109.4 Nm
	Displacement	100.2 cu.in. 1.642 L
HYDRAULICS	Auxiliary Hydraulic Flow - Standard	14.5 gpm 55 L/min
	High-Flow Auxiliary Hydraulics - Option	N/A
	Reservoir Capacity	8 gal. 30.3 L
ELECTRICAL	Battery	12-volt 800 CCA
	Starter	12-volt 2.3 kW
	Alternator	55-amp
CAPACITIES / WEIGHTS	Rated Operating Capacity <sup>B</sup>	1,050 lbs. 476 kg
	Rated Operating Capacity with Optional Counterweight <sup>B</sup>	1,175 lbs. 533 kg
	Fuel Tank	9.5 gal. 37.9 L
	Travel Speed - Maximum	5.1 mph 8.26 km/hr
	Travel Speed with Two-Speed Option - Maximum	N/A
SOUND / VIBRATION*	Operating Weight <sup>C</sup> - Approximate	4,200 lbs. 1905 kg
	Noise Level / Environmental Level	101 dB
	Operator Ear	84.8 dB(A)
	Hand / Arm Vibration	1.70 m/s <sup>2</sup>
	Whole Body Vibration	1.12 m/s <sup>2</sup>

\* Standard seat option and T-Bar controls

A Overall width is dependent upon the amount of wheel offset

B Per SAE J8181, SAE J732, and ISO 14397

C Weight of base unit with standard equipment, standard tires (heavy-duty flotation), standard dirt-construction bucket and 175 lbs. (79 kg) operator.

Gehl reserves the right to add improvements or make changes in features and specifications at any time without notice or obligation.

Gehl 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.



## STANDARD FEATURES

- Control type: Dual T-Bar / Hand-Foot
- Fuel Gauge
- All-Tach™ Attachment System (Universal-Style)
- Warning Lamps and Buzzer – Engine and Hydraulic Oil Temperature
- Battery Charge Indicator Lamp
- Low Oil Pressure Light and Buzzer
- Seatbelt Indicator Lamp and Buzzer
- Coolant Temperature Gauge
- Hourmeter
- Manual-Control Hydrostatic Drive
- ROPS/FOPS- Level II – Approved Overhead Guard
- Operator Restraint Bar with Armrests
- Independent Hydraulic Reservoir and Hydraulic Oil Cooler
- Audible Back-Up Alarm
- Engine Intake Air Pre-Heater Starting Assist
- Adjustable Seatbelt
- Lift Arm Support Device
- Hydraloc™ System
- Dual Front and Rear Work Lights
- Removable Belly Plate and Access Cover
- Vandalism Lock Provisions - Fuel and Engine Cover
- Top and Rear Windows
- Headliner and Acoustical Interior
- Deluxe High Back, Cushion Seat
- Front Auxiliary Hydraulics with 3/4-inch Flat-Faced Couplers
- Visual Hydraulic Filter Indicator
- Power Plug (12 V)

## OPTIONAL FEATURES

- Horn
- Engine Block Heater
- Suspension Seat
- Cab Door with Wiper
- Sliding Side Windows
- Heater/Defroster
- Radio & Speakers
- 3-inch Wide Seatbelt – When Required by Law
- Rear View Mirror
- Engine Auto-Shutdown System
- Interior Dome Light
- Centrifugal Pre-Cleaner
- Strobe Light
- Impact-Resistant Door
- Lift Kit - Single Point Lift System
- Rear Counterweight
- Bucket Bolt-On Cutting Edge
- Self-Leveling Lift Action
- Easy Manager Telematics
- Battery Disconnect Switch



gehl.com

One Gehl Way, West Bend, WI 53095

Phone: (262) 334-9461



GEHL COMPACT EQUIPMENT