

# R105

# SKID LOADERS



# GEHL®

Capacities		Metric
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		
Overall Operating Height - Fully Raised	h27	3607 mm
Height to Hinge Pin - Fully Raised	h28	2731 mm
Overall Height to top of ROPS	h17	1784 mm
Dump angle at full height	a5	40 °
Dump height	h29	2083 mm
Overall length with bucket	l16	2997 mm
Dump reach - Full height	r6	641 mm
Rollback at ground	a13	31 °
Seat to ground height	h30	826 mm
Wheelbase	y	876 mm
Overall width less bucket	b1	1232 mm
Bucket Width	e1	1372 mm
Ground clearance	m4	159 mm
Overall length - Less Bucket	l2	2248 mm
Clearance Radius - Front with Bucket	b18	1829 mm
Clearance Circle - Front without Bucket	b19	1067 mm
Clearance Circle - Rear	wa1	1372 mm
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 oil 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>

# Equipment

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Integral Access Plate (removable)	Standard
<b>Lifting function</b>	
All-Tach® Attachment Mounting System	Standard
<b>Lighting</b>	
Front and Rear - Work Lights	Standard
Strobe Light	Optional
<b>Motorization / Power</b>	
Battery charge indicator lamp	Standard
Engine Auto-Shutdown System	Optional
Engine Block Heater	Optional
Fuel gauge with low level indicator	Standard
<b>Operator station</b>	
12V plug cigarette lighter type	Standard
3-inch Seatbelt	Optional
Ceiling light	Optional
Enclosed Cab with Heat and Defrost	Optional
Foot and Hand Throttles (Dual Joystick and T-bar)	Standard
High-Back Adjustable Seat	Standard
Radio	Optional
Suspension Seat	Optional
<b>Secondary functions</b>	
Counterweight	Optional
<b>Security</b>	
Anti-Vandalism Lock Provisions	Standard
Back-Up Alarm	Standard
Battery cut-off	Optional
Easy Manager	Optional
Horn	Optional
Hour meter	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	Standard
ROPS/FOPS Level II Overhead Guard	Standard



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