

R105

SKID LOADERS



GEHL®

Capacities		Metric	Imperial
Rated Operating Capacity		476.27 kg	1050 lb
Rated Operating Capacity with Optional Counterweight		533 kg	1175 lb
Unladen weight		1905 kg	4200 lb
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	3607 mm	142 in
Height to Hinge Pin - Fully Raised	h28	2731 mm	108 in
Overall Height to top of ROPS	h17	1784 mm	70 in
Dump angle at full height	a5	40 °	40 °
Dump height	h29	2083 mm	82 in
Overall length with bucket	l16	2997 mm	118 in
Dump reach - Full height	r6	641 mm	25 in
Rollback at ground	a13	31 °	31 °
Seat to ground height	h30	826 mm	33 in
Wheelbase	y	876 mm	34 in
Overall width less bucket	b1	1232 mm	49 in
Bucket Width	e1	1372 mm	54 in
Ground clearance	m4	159 mm	6 in
Overall length - Less Bucket	l2	2248 mm	89 in
Clearance Radius - Front with Bucket	b18	1829 mm	72 in
Clearance Circle - Front without Bucket	b19	1067 mm	42 in
Clearance Circle - Rear	wa1	1372 mm	54 in
Performances			
Travel speed (unladen)		8.26 km/h	5 mph
Wheels			
Standard tires		27x8.5x15 HD	27x8.5x15 HD
Engine			
Engine brand		Yanmar	Yanmar
Engine model		3TNV88C-KMS	3TNV88C-KMS
Engine norm		Stage IIIA, Stage V, Tier 4	Stage IIIA, Stage V, Tier 4
Gross Power (kW)		25.50 kW	25.50 kW
Net Power (kW)		23.70 kW	23.70 kW
Max. torque / Engine rotation		109.40 Nm / 1820 rpm	81 ft/lbs / 1820 rpm
Battery voltage		12 V	12 V
Starter (kW)		2.30 kW	2.30 kW
Hydraulics			
Standard flow - Auxiliary hydraulics		55 l/min	15 US gpm
Tank capacities			
Fuel tank		43.18 l	11 US gal
Reservoir Capacity Hydraulics		30.30 l	8 US gal
Displacement		1.64 l	0.43 US gal
Noise and vibration			
Environmental noise (LwA)		101 dB	101 dB
Whole-Body Vibration (ISO 2631-1)		1.12 m/s ²	1.12 m/s ²
Vibration to whole hand/arm		< 1.70 m/s ²	< 1.70 m/s ²

Equipment

Back-Up Alarm	Standard
Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Lighting	
Front and Rear - Work Lights	Standard
Strobe Light	Optional
Motorization /Power	
Battery charge indicator lamp	Standard
Engine Auto-Shutdown System	Optional
Engine Block Heater	Optional
Fuel gauge with low level indicator	Standard
Operator station	
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
Secondary functions	
Counterweight	Optional
Security	
Anti-Vandalism Lock Provisions	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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