## R165

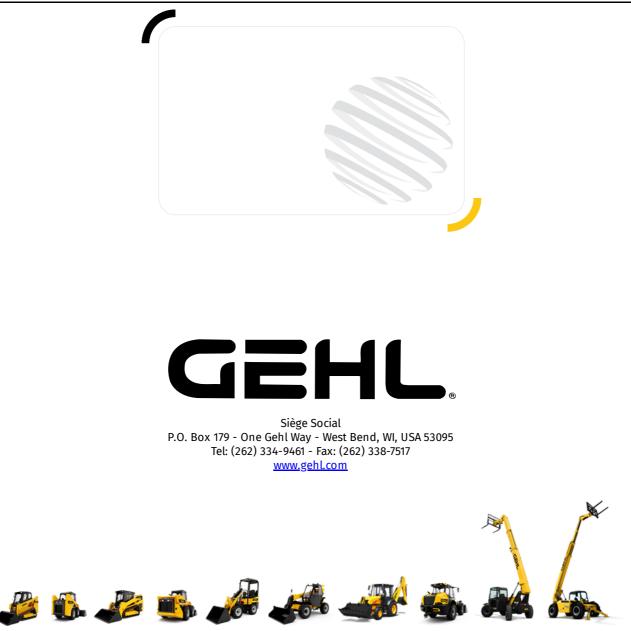
## **SKID LOADERS**





## R165 Created on April 26, 2024 at 12:08:55 AM UTC

Capacities		Metric	Imperial
Rated Operating Capacity		748.42 kg	1650 lb
Rated Operating Capacity with Optional Counterweight		816.50 kg	1800 lb
Unladen weight		2796 kg	6164 lb
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	3876 mm	153 in
Height to Hinge Pin – Fully Raised	h28	3022.60 mm	119 in
Overall Height to top of ROPS	h17	1955.80 mm	77 in
Dump angle at full height	a5	38 °	38 °
Dump height	h29	2379 mm	94 in
Overall length with bucket	l16	3101 mm	122 in
Dump reach - Full height	r6	579 mm	23 in
Rollback at ground	a13	28 °	28 °
Seat to ground height	h30	904 mm	36 in
Wheelbase	y	986 mm	39 in
Overall width less bucket	b1	1580 mm	62 in
Bucket Width	e1	1560 mm	61 in
Ground clearance	m4	160 mm	6 in
Overall length - Less Bucket	114	2385 mm	94 in
Departure angle	a2	21°	21°
Clearance Radius - Front with Bucket	b18	1869 mm	21 74 in
Clearance Circle - Front without Bucket	b19	1153 mm	45 in
Clearance Circle - Rear	wa1	1466 mm	45 m 58 in
Performances	Wal	1466 11111	58 111
Travel Speed with Two-Speed Option - Maximum		19.50 km/h	12 mph
Travel speed (unladen)		12.60 km/h	8 mph
Wheels		12.00 KIII/11	8 11 p11
Standard tires		10.00x16.5 HD	10.00x16.5 HD
Engine		10.002 10.5 HD	10.002 10.3 HD
-		Yanmar	Yanmar
Engine brand Engine model		4TNV98C-NMS2V	4TNV98C-NMS2V
Engine norm		GB4, Stage V	GB4, Stage V
Gross Power		51.70 kW	51.70 kW
Net Power		51 kW	51/0 KW
Max. torque / Engine rotation		241 Nm / 1625 rpm	178 ft/lbs / 1625 rpm
Power source		Diesel	Diesel
		69.30 Hp	69.30 Hp
I.C. Engine power rating		12 V	12 V
Battery voltage		12 V 3 kW	3 kW
Starter Hydraulics		3 KW	3 RW
Standard flow - Auxiliary hydraulics		77 l/min	20 US gpm
High-Flow Auxiliary Hydraulics – Option		114 L/min	30 US gpm
Tank capacities		114 (/11111	50 05 gpm
•		C2 F0	17.116 col
Fuel tank Reservoir Capacity Hydraulics		62.50 l 39 l	17 US gal
		39 l 3.30 l	10 US gal
Displacement		3.30 l	0.87 US gal
Noise and vibration		101 40	101 40
Noise to environment (LwA)		101 dB	101 dB
Whole-Body Vibration (ISO 2631-1)		1.05 m/s² < 1.53 m/s²	1.05 m/s² < 1.53 m/s²
Vibration to whole hand/arm		< 1.03 III/S*	< 1.53 m/5*



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