## **R220**

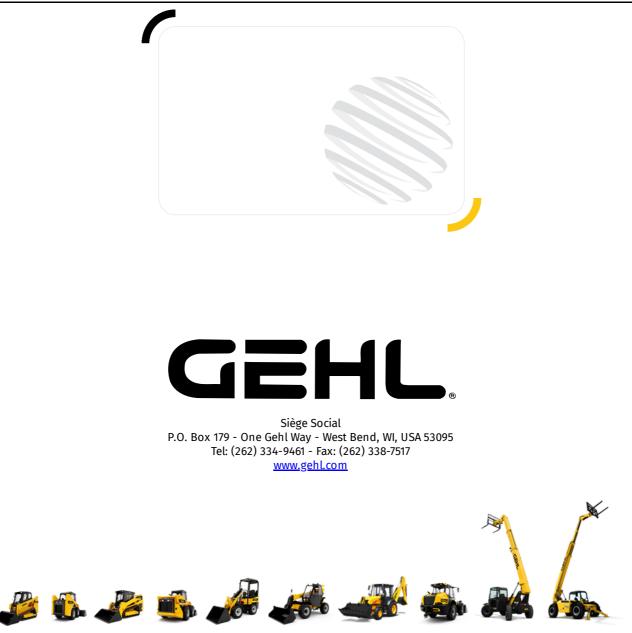
## **SKID LOADERS**





## R220 Created on April 19, 2024 at 5:06:41 AM UTC

		R220 Created OII April 19, 2024 at 5:00:41 AM OTC		
Capacities		Metric	Imperial	
Rated Operating Capacity		998 kg	2200 lb	
Rated Operating Capacity with Optional Counterweight		1075 kg	2370 lb	
Unladen weight		3620 kg	7981 lb	
Weight and dimensions				
Overall Operating Height - Fully Raised	h27	4089 mm	161 in	
Height to Hinge Pin – Fully Raised	h28	3124 mm	123 in	
Overall Height to top of ROPS	h17	2057 mm	81 in	
Dump angle at full height	a5	40 °	40 °	
Dump height	h29	2388 mm	94 in	
Overall length with bucket	l16	3467 mm	136 in	
Dump reach - Full height	r6	685.80 mm	27 in	
Rollback at ground	a13	28 °	28 °	
Seat to ground height	h30	1016 mm	40 in	
Wheelbase	y	1092 mm	43 in	
Overall width less bucket	b1	1711.96 mm	67 in	
Bucket Width	e1	1711.96 mm	67 in	
Ground clearance	m4	203 mm	8 in	
Overall length - Less Bucket	12	2667 mm	105 in	
Clearance Radius - Front with Bucket	b18	2223 mm	88 in	
Clearance Circle - Front without Bucket	b19	1321 mm	52 in	
Clearance Circle - Rear	wa1	1524 mm	60 in	
Performances				
Travel Speed with Two-Speed Option - Maximum		19.20 km/h	12 mph	
Travel speed (unladen)		12.90 km/h	8 mph	
Wheels			p.:.	
Standard tires		12.00x16.5 HD	12.00x16.5 HD	
Engine				
Engine brand		Yanmar	Yanmar	
Engine model		4TNV98CT-NMSLV	4TNV98CT-NMSLV	
Engine norm		Stage V	Stage V	
Gross Power		53.70 kW	53.70 kW	
Net Power		52.70 kW	52.70 kW	
Max. torque / Engine rotation		294 Nm / 1625 rpm	217 ft/lbs / 1625 rpm	
Power source		Diesel	Diesel	
I.C. Engine power rating		53.70 Hp	53.70 Hp	
Battery voltage		12 V	12 V	
Starter		3 kW	3 kW	
Hydraulics		3	5 KW	
Standard flow - Auxiliary hydraulics		90 l/min	24 US gpm	
High-Flow Auxiliary Hydraulics – Option		132.50 l/min	35 US gpm	
Tank capacities			55 65 gpm	
Fuel tank		68.10 l	18 US gal	
Reservoir Capacity Hydraulics		30.30 l	8 US gal	
Displacement		3.30 l	0.87 US gal	
Noise and vibration		5.50 l		
Noise and Vibration Noise to environment (LwA)		101 dB	101 dB	
		0.96 m/s <sup>2</sup>	0.96 m/s <sup>2</sup>	
Whole-Body Vibration (ISO 2631-1) Vibration to whole hand/arm		< 1.50 m/s <sup>2</sup>	< 1.50 m/s <sup>2</sup>	
vibration to whole nanu/ann		< 1.30 III/S*	< 1.50 III/S <sup>2</sup>	



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