Technical sheet :







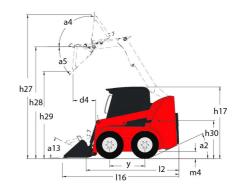
1650R Created on April 26, 2024 at 12:27:52 AM UT	1650R	Created on	April 26.	2024 at	12:27:52	AM UT
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0				
Capacities		Metric 748 kg		
Rated Operating Capacity			1649 lb	
Rated Operating Capacity with Optional Counterweight		816.50 kg	1800 lb	
Unladen weight		2796 kg	6164 lb	
Weight and dimensions	1.07	3876 mm	450.1	
Overall Operating Height - Fully Raised	h27		153 in	
Height to Hinge Pin – Fully Raised	h28	3022.60 mm	119 in	
Overall Height to top of ROPS	h17	1948 mm	77 in	
Dump angle at full height	a5	38 °	38 °	
Dump height	h29	2380 mm	94 in	
Overall length with bucket	116	3101 mm	122 in	
Dump reach - Full height	rб	579 mm	23 in	
Rollback at ground	a13	28 °	28 °	
Seat to ground height	h30	904 mm	36 in	
Wheelbase	у	988 mm	39 in	
Overall width less bucket	b1	1544 mm	61 in	
Bucket Width	e1	1562 mm	61 in	
Ground clearance	m4	160 mm	6 in	
Overall length - Less Bucket	12	2385 mm	94 in	
Departure angle	a2	21 °	21 °	
Clearance Radius - Front with Bucket	b18	1869 mm	74 in	
Clearance Circle - Front without Bucket	b19	1153 mm	45 in	
Clearance Circle - Rear	wa1	1466 mm	58 in	
Performances				
Travel Speed with Two-Speed Option - Maximum		19.50 km/h	12 mph	
Travel speed (unladen)		12.60 km/h	8 mph	
Wheels				
Standard tires		10.00x16.5 HD	10.00x16.5 HD	
Engine				
Engine brand		Yanmar	Yanmar	
Engine model		4TNV88C-KMS	4TNV88C-KMS	
Gross Power		52 kW	52 kW	
Net Power		51 kW	51 kW	
Max. torque / Engine rotation		241 Nm / 2500 rpm	178 ft/lbs / 2500 rpm	
Power source		Diesel	Diesel	
I.C. Engine power rating		69.73 Hp	69.73 Hp	
Battery voltage		12 V	12 V	
Alternator		100 kW	100 kW	
Starter		3 kW	3 kW	
Hydraulics				
Standard flow - Auxiliary hydraulics		71.40 l/min	19 US gpm	
Auxiliary Hydraulic Pressure		207 bar	3002 PSI	
High-Flow Auxiliary Hydraulics – Option		114 l/min	30 US gpm	
High-Flow Auxiliary Hydraulics Pressure – Option		200 bar	2901 PSI	
Tank capacities				
Fuel tank		62.50 l	17 US gal	
Reservoir Capacity Hydraulics		41.60 l	11 US gal	
Displacement		3.30 I	0.87 US gal	
Noise and vibration				
Noise to environment (LwA)		101 dB	101 dB	
Noise at driving position (LpA)		85 dB	85 dB	
Whole-Body Vibration (ISO 2631-1)			0.90 m/s²	
whole-Body vibration (ISU 2631-1)		0.90 m/s²	0.90 m/s*	

1650R - Dimensional drawing







Equipment

Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
High-Flow Auxiliary Hydraulics	Optional
Power-A-Tach® Attachment Mounting System	Optional
Lighting	
Work Lights - Front and Rear	Standard
Motorization/Power	
Engine Auto-Shutdown System	Standard
Engine Block Heater	Optional
Swing-Out Cooler	Standard
Two-Speed Drive	Optional
Operator station	
Air conditioning with manual adjustment	Optional
Air suspension seat	Optional
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Gehl T-Bar Controls	Optional
Hand/Foot Controls	Optional
Heating	Optional
High-Back Adjustable Seat	Standard
Hom	Standard
Joystick controls	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Sound Reduction Material	Standard
Suspension Seat - Mechanical	Optional
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Secondary functions	
Counterweight	Optional
Full Instrumentation	Standard
Hydraglide [™] Ride Control 3	Optional
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
Hydraloc™ Safety System	Standard
Lift Arm Support Device	Standard
Operator Restraint Bar	Standard



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