Technical sheet:

1650R



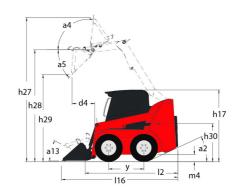


Rabed Operatiny Capacity with Optional Counterweight 816.50 kg Unladed weelght 2796 kg Weight and dimensions 2796 kg Weight and dimensions 7 Overall Operating Height Fully Raised h27 3376 mm Height bot Hinge Fire Fully Raised h28 8022.25 mm Overall Height to floop for POPS h77 1946 mm Dump angle at full height 5 38 to 30 to 30 mm Overall Height to floop for POPS h79 2380 mm Overall Height to floop for POPS h79 2380 mm Overall Height this bucket h16 310 mm Overall Height this bucket h16 310 mm Outs and the stage of the		1650R Greated on December 22, 2024 a	11 J.UJ AIVI U I
Simulation weight Simulation weight Simulation weight Weight and dimensions Simulation weight Simulation weight Weight and dimensions Simulation weight Simulation weight Simulation weight Simulation weight Simulation weight Simulation weight Simulation Simulati	Capacities	Metric	
Simulation weight Simulation weight Simulation weight Weight and dimensions Simulation weight Simulation weight Weight and dimensions Simulation weight Simulation weight Simulation weight Simulation weight Simulation weight Simulation weight Simulation Simulati	Rated Operating Capacity	748 kg	
Weight and dimensions	Rated Operating Capacity with Optional Counterweight	816.50 kg	
Wheelbase y 988 mm Overall Operating height - Fully Raised b27 3376 mm Height to Hinge Pin - Fully Raised b28 3022.60 mm Overall Felgh bit to toy of RDPS 117 11948 mm Dump negled at Unit height a5 38* Dump negled at Unit height 16 3101 mm Dump negled at Unit height 16 3101 mm Dump negle - Full height 16 3101 mm Dump negle - Full height 16 3101 mm Dump negle - Full height 16 3101 mm Owerall height - Lead of the Subset 130 904 mm Develoud height - Lead of the Subset b1 1544 mm Blocket Width c1 1582 mm Blocket Width c2 22 22* Trans Special with Two Syced Option - Maximum 12 22.88 mm	Unladen weight	2796 kg	
Decail Decail Fully Risised 127 1936 mm Helipht to top in Fully Risised 128 1922 do mm 1948 mm 1949 mm 1	Weight and dimensions		
Overall Operating Height - Fully Raiseed 127 3876 mm Belights bit Rippe Fine Fully Raiseed 117 1948 mm Ownall Height to go of RDPS 117 1948 mm Dump nagide afful height 129 2846 mm Ownall Height to go of RDPS 16 3101 mm Ownall Height the good of RDPS 16 370 mm Ownall Height the good of RDPS 16 370 mm Rollback kt dynowld 133 28* Seat to ground height 130 904 mm Overall Weight Less Bucket 11 1554 mm Glound clearance 41 1552 mm Glound clearance 42 21* Glound Clearance Rollage. Front with Bucket 12 2355 mm Deparama angle 22 21* Clearance Rollage. Front with Bucket 12 235 mm Deparama angle 22 21* Townel Speed (Unident) 12 218 mm Pure Travellage (Unident) 12 218 mm Pure Travellage (Unident) 12.60 km/h 12.60 km/h	Wheelbase	y 988 mm	
	Overall Operating Height - Fully Raised		
OwenI Helphito boy of RDPS h17 1946 mm Dump agule at full height a5 38° Dump helphit h129 2380 mm OvenII length with bucket 116 3101 mm Dump helphit 16 579 mm Bollback at ground a13 28° Sact to ground height h30 904 mm OwenII height b1 1546 mm OwenII delphit - Less Bucket e1 1556 mm Ground clearance m4 160 mm OvenII length - Less Bucket 12 2383 mm Operature angle a2 21° Clearance Redius - Front with Bucket b18 1660 mm OvenII length - Less Bucket b18 1660 mm OvenII length - Less Bucket b18 1660 mm Travel Speed (brinderin) b18 1660 mm Tawel Speed (brinderin) 12.60 km/h 17.40 km/h Travel Speed (brinderin) 17.00 km/h 17.40 km/h Travel Speed (brinderin) 18.00 km/h 17.40 km/h Bistingie bran			
Dump aleight bileght a5 38* Overall length with bucket h29 2380 mm Overall length with bucket 116 3101 mm Dump reach - Full height 16 579 mm Blabback at ground a13 22* Sent to gound height h50 904 mm Overall width hes bucket b1 1544 mm Bucket Width e1 1552 mm Biourial width less bucket b1 1544 mm Bucket Width e1 1562 mm Biourial segment b2 22* Clearmer Reduits b18 1860 mm Clearmer Reduits b18 1860 mm Performances b18 1860 mm Performances b18 1860 mm Travel Speed (unider) 13 50 km/h 19 50 km/h Travel Speed (unider) 13 50 km/h 19 50 km/h Travel Speed (unider) 13 50 km/h 19 50 km/h Travel Speed (unider) 13 50 km/h 19 50 km/h Englise model 4 100 km/h 19 5			
Dump height			
Ownall length with bucket 116 3101 mm Dump each - Full height 6 579 mm Bellback at ground a13 28 ° Seat to ground height b130 904 mm Decreal width less bucket b1 1544 mm Bucket Width e1 1522 mm Ground clearance m4 160 mm Overall length - Less Bucket 12 2385 mm Operature angle a2 21 ° Clearance Radius - Front with Bucket b18 1869 mm Performances 112.60 km/h Tendes Speed (midaden) 112.60 km/h Travel Speed (midaden) 112.60 km/h Travel Speed (midaden) 112.60 km/h Travel Speed with Two Speed Option - Maximum 19.50 km/h Wheels 10.00 x 16.5 HD Engine Brand 10.00 x 16.5 HD Engine brand 2 52 kW Net Power 52 kW Net Power 52 kW Net Power 51 kW Net Power source 52 kW 10. En			
Dump reach - Full height 6 5.79 mm Rollback at pround a13 28 - 28 sex to ground height h30 904 mm Overall width less bucket b1 1524 mm Bucket Width e1 1522 mm Ground clearance m4 160 mm Overall leight - Less Bucket 12 2385 mm Departure angle a2 21 - 21 - 2385 mm Clearance Redius - Front with Bucket b18 1899 mm Performances b18 1899 mm Travel speed (inluden) 12.60 km/h 12.30 km/h Travel speed with Two Speed Option - Maximum 12.50 km/h 12.50 km/h Wheels 10.00 x 16.5 HD 52 km/h Standard tires 10.00 x 16.5 HD 62 km/h Engine brand 41 km/n 41 km/s80 km/h Engine brand 41 km/s80 km/h 52 km/s Engine brand 41 km/s80 km/s 52 km/s Engine brand 41 km/s80 km/s 52 km/s Engine brand 41 km/s80 km/s 52 km/s	· ·		
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Bucket Wildh e1 1562 mm Gound clearence m4 160 mm Overall length - Less Bucket i2 2335 mm Departure angle a2 21 ° Clearance Radius - Front with Bucket b18 1869 mm Performances 12.260 km/h 1717 km/h Travel Speed (windser) 15.50 km/h 15.50 km/h Wheels 15.50 km/h 15.50 km/h Standard Sites 10.00 x 16.5 HD 10.00 x 16.5 HD Englie band 41 km/sec.4uS 52 kW Standard Sites 52 kW 52 kW Net Power 52 kW 15 kW Max. Longué Fingine rotation 241 km/ 2500 pm 10 kW Starter 12 V 12 V Alternator 10 km/s 15 kW Starter	• •		
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Overall length - Less Bucket 12 2385 mm Departure angle 22 21 ° Clearance Radius - Front with Bucket b18 1869 mm Pridmances 12.60 km/h 12.60 km/h Travel Speed (unladen) 12.60 km/h 19.50 km/h Travel Speed with Two Speed Option - Maximum 19.50 km/h 19.50 km/h Wheels 10.00 x 16.5 HD 10.00 x 16.5 HD Engine 10.00 x 16.5 HD 10.00 x 16.5 HD Engine band Yanmar Yanmar Engine band 4TNW8C-XMMS 50.00 x 16.5 HD Goss Power 52 kW 52 kW Net Power 51 kW 241 km 2500 pm Power source 241 km 2500 pm 10 kW Power source 10 km 69.73 Hp Battery voltage 69.73 Hp 12 V Alternator 3 kW 100 kW Starter 3 kW 100 kW Starter 20 bar 20 bar High-Flow Auxiliary hydraulics 71.40 l/min Auxiliary hydraulics Pressure 200 bar			
Departure angle a2 21 * Clearance Radius - Front with Bucket b18 1869 mm Performances			
Clearance Radius - Front with Bucket 186 mm Performances 12.60 km/h Travel speed (unladen) 19.50 km/h Travel Speed with Two Speed Option - Maximum 19.50 km/h Wheels Standard tires Engine Standard tires Engine band Yanmar Engine band Yanmar Engine band 4TNV88C-MMS Gross Power 52 kW Net Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 km / 2500 pm Power source Diesel LC. Engine power rating 69.73 Hp Statety ordage 97.34 Hp LC. Engine power rating 100 kW Starter 3 kW Hydraulic 97.34 Hp Standard flow - Auxiliary hydraulics 71.40 l/min Auxiliary Hydraulics - Option 207 bar High-Flow Auxiliary Hydraulics - Option 200 bar Fluid Law Auxiliary Hydraulics - Pessure - Option 200 bar Fuel tank 62.50 l Hydraulic tank	•		
Performances 12.60 km/h Travel Speed (unladen) 19.50 km/h Travel Speed (with Two-Speed Option - Maximum 19.50 km/h Wheels 10.00 x 16.5 HD Standard tires 10.00 x 16.5 HD Engine brand 4TNV880-RMS Engine model 4TNV880-RMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 224 km / 2500 pm Power source Diesel LC. Engine powerating 69.73 Hp Battery voltage 12 V Altemator 3 kW Standard flow - Auxillary hydraulics 71.40 l/min Auxillary Hydraulics Pressure 207 bar High-Flow Auxillary hydraulics Pressure - Option 200 bar Trank capacities 62.50 l Fuel tank 62.50 l Hydraulic lot ank capacity 41.60 l Displacement 3.30 l Noise and vibration 10.14 dB Noise end vibration 85 dB Whole-Body Whaton (ISO 2631-1) 0.90 m/s²			
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Engine 10.00 x 16.5 HD Engine brand Yannar Engine brand Yannar Engine model 52 kW Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel I.C. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 3 kW Starcer 3 kW Hydraulics 3 kW Standard flow - Auxiliary hydraulics 71.40 l/min Auxiliary hydraulics Pessure 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 62.50 l Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and wibration 85 dB Whole-Body Vibration (ISO 2631-1) 85 dB		19.50 km/h	
Engine Yamar Engine brand Yamar Engine model 4TNV88C-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel LC. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulics 20 Stanty 4 100 kW Starty 4 20 kW Hydraulics 71.40 l/min Auxiliary hydraulics - 5 ption 200 bar High-Flow Auxiliary Hydraulics - Option 200 bar High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Fuel tank 62.50 I Hydraulic tank capacitis 62.50 I Pidgraulic tank capacity 41.60 I Displacement 3.30 I Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 9.90 m/s²			
Engine brand Yanmar Engine model 4TNV88C-KMS Gross Power 52 kW Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel LC. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 100 kW Starder 3 kW Hydraulics 3 kW Standard flow - Auxiliary hydraulics 207 bar High-Flow Auxiliary hydraulics Pessure 207 bar High-Flow Auxiliary hydraulics Pressure - Option 200 bar Tank capacities 200 bar Tell tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 3.30 I Noise and Mynation 3.30 I Noise at driving position (LpA) 85 d8 Whole-Body Wbration (ISO 2631-1) 0.90 m/s²		10.00 x 16.5 HD	
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Net Power 51 kW Max. torque / Engine rotation 241 Nm / 2500 rpm Power source Diesel L.C. Engine power rating 69.73 Hp Battery voltage 12 V Altemator 100 kW Starter 3 kW Hydraulics 200 ber Standard flow - Auxiliary hydraulics - Question 207 ber High-Flow Auxiliary Hydraulics - Option 207 ber High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 62.50 l Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	•		
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L.C. Engine power rating 69.73 Hp Battery voltage 12 V Alternator 100 kW Starter 3 kW Hydraulics	Max. torque / Engine rotation	241 Nm / 2500 rps	m
Battery voltage 12 V Altemator 100 kW Starter 3 kW Hydraulics	Power source	Diesel	
Altemator 100 kW Starter 3 kW Hydraulics 5tandard flow - Auxiliary hydraulics 71.40 l/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities 500 bar Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 101 dB Noise to environment (LwA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	I.C. Engine power rating	69.73 Hp	
Starter 3 kW Hydraulics Standard flow - Auxiliary hydraulics Auxiliary Hydraulic Pressure High-Flow Auxiliary Hydraulics - Option High-Flow Auxiliary Hydraulics Pressure - Option High-Flow Auxiliary Hydraulics Pressure - Option Tank capacities Fuel tank Hydraulic tank capacity Fuel tank apacity Displacement Noise and vibration Noise and vibration Noise at driving position (LpA) Whole-Body Vibration (ISO 2631-1)	Battery voltage	12 V	
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Standard flow - Auxiliary hydraulics 71.40 l/min Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities ————————————————————————————————————	Starter	3 kW	
Auxiliary Hydraulic Pressure 207 bar High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities ————————————————————————————————————	Hydraulics		
High-Flow Auxiliary Hydraulics - Option 114 l/min High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities State of Exemption Fuel tank 62.50 l Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration 101 dB Noise to environment (LwA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Standard flow - Auxiliary hydraulics	71.40 l/min	
High-Flow Auxiliary Hydraulics Pressure - Option 200 bar Tank capacities ————————————————————————————————————	Auxiliary Hydraulic Pressure	207 bar	
Tank capacities 62.50 I Fuel tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 3.30 I Noise and vibration 8 Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	High-Flow Auxiliary Hydraulics - Option	114 l/min	
Tank capacities 62.50 I Fuel tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 3.30 I Noise and vibration 80 Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	High-Flow Auxiliary Hydraulics Pressure - Option	200 bar	
Fuel tank 62.50 I Hydraulic tank capacity 41.60 I Displacement 3.30 I Noise and vibration State of the environment (LwA) Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Tank capacities		
Hydraulic tank capacity 41.60 l Displacement 3.30 l Noise and vibration Use to environment (LwA) Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	Fuel tank	62.50	
Displacement 3.30 I Noise and vibration US Noise to environment (LwA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			
Noise and vibration 101 dB Noise to environment (LwA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²			
Noise to environment (LWA) 101 dB Noise at driving position (LpA) 85 dB Whole-Body Vibration (ISO 2631-1) 0.90 m/s²	·	0.001	
Noise at driving position (LpA) Whole-Body Vibration (ISO 2631-1) 0.90 m/s ²		101 dR	
Whole-Body Vibration (ISO 2631-1) 0.90 m/s ²	, ,		
	-, ,,,		

1650R - Dimensional drawing







Equipment

ntegral Access Plate (removable)	Standard
ifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
High-Flow Auxiliary Hydraulics	Optional
Power-A-Tach® Attachment Mounting System	Optional
ighting	
Nork 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
-ull Instrumentation	Standard
lydraglide™ Ride Control 3	Optional
Security	
Anti-Vandalism Protection	Standard
Back-Up Alarm	Optional
Brake Control (Auto / Manual)	Standard
lydraloc™ Safety System	Standard
.ift Arm Support Device	Standard





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