Technical sheet:

850R



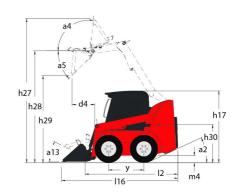


		13 May 2024 at 08.19.12 01	
Capacities		Metric	
Rated Operating Capacity		386 kg	
Unladen weight		1352 kg	
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	3167 mm	
Height to Hinge Pin – Fully Raised	h28	2438 mm	
Overall Height to top of ROPS	h17	1897 mm	
Dump angle at full height	a5	46 °	
Dump height	h29	1836 mm	
Overall length with bucket	l16	2576 mm	
Dump reach - Full height	r6	376 mm	
Rollback at ground	a13	23 °	
Seat to ground height	h30	879 mm	
Wheelbase	у	775 mm	
Overall width less bucket	b1	909 mm	
Bucket Width	e1	914 mm	
Ground clearance	m4	150 mm	
Overall length - Less Bucket	12	1905 mm	
Departure angle	a2	30 °	
Clearance Radius - Front with Bucket	b18	1473 mm	
Clearance Circle - Front without Bucket	b19	833 mm	
Clearance Circle - Rear	wa1	1097 mm	
Performances			
Travel speed (unladen)		8.90 km/h	
Wheels			
Standard tires		5.70x12	
Engine		0.00.0	
Engine brand		Yanmar	
Engine model		3TNV82A-BPMSR	
Engine norm		Stage V	
Gross Power		18.10 kW	
Net Power		18.10 kW	
Max. torque / Engine rotation		86 Nm / 2400 rpm	
Power source		Diesel	
Battery voltage		12 V	
Alternator		40 kW	
Starter		1.70 kW	
Hydraulics		1.70 KW	
		38.20 l/min	
Standard flow - Auxiliary hydraulics		38.20 I/min 145 bar	
Auxiliary Hydraulic Pressure		140 Dai	
Tank capacities		20.1	
Fuel tank		29	
Reservoir Capacity Hydraulics		27.30	
Displacement		1.30	
Noise and vibration			
Noise to environment (LwA)		101 dB	
Noise at driving position (LpA)		85 dB	
Whole-Body Vibration (ISO 2631-1)		1.05 m/s ²	
Vibration to whole hand/arm		< 1.53 m/s ²	

850R - Dimensional drawing







Equipment

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Integral Access Plate (removable)	Standard
Lifting function	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
Lighting	
Work Lights - Front and Rear	Standard
Motorization/Power	
Engine Block Heater	Optional
Operator station	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Full-Suspension Seat	Optional
Gehl T-Bar Controls	Standard
Heating	Optional
Hom	Optional
ROPS/FOPS Level II Overhead Guard	Standard
Other options	
Hydrostatic Drive - Servo	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	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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