Technical sheet:

## **850**R



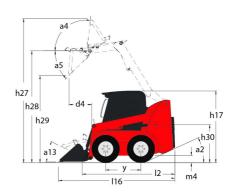


	<b>850R</b> Created on 17 May 2024 at 3:59:	40 AIVI U I
Capacities	Metric	
Rated Operating Capacity	386 kg	
Unladen weight	1352 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 3167 mm	
Height to Hinge Pin – Fully Raised	h28 2438 mm	
Overall Height to top of ROPS	h17 1897 mm	
Dump 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	y 775 mm	
Overall width less bucket	b1 909 mm	
Bucket Width	e1 914 mm	
Ground clearance	m4 150 mm	
Overall length - Less Bucket	l2 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		
Engine brand	Yanmar	
Engine model	3TNV82A-BPMSR	
Engine norm	Stage V	
Gross Power	18.10 kW	
Net Power	17.80 kW	
Max. torque / Engine rotation	86 Nm / 2400 rpm	
Power source	Diesel	
Battery voltage	12 V	
Alternator	40 kW	
Starter	1.70 kW	
Hydraulics		
Standard flow - Auxiliary hydraulics	38.20 l/min	
Auxiliary Hydraulic Pressure	145 bar	
Tank capacities		
Fuel tank	29	
Hydraulic oil tank capacity	27.30	
Displacement	1.30 l	
Noise and vibration	1.301	
Noise to environment (LwA)	101 dB	
Noise at driving position (LpA)	85 dB	
Whole-Body Vibration (ISO 2631-1)	1.05 m/s²	
Vibration on hands/arms	< 1.53 m/s <sup>2</sup>	

## 850R - Dimensional drawing







## **Equipment**

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 Control of the Control	
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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