Technical sheet:

850R



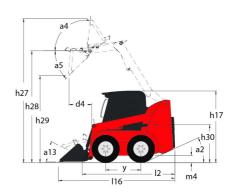


	850R Created on May 13, 2024 at 12.22.00 AM
Capacities	Metric
Rated Operating Capacity	386 kg
Unladen weight	1352 kg
Weight and dimensions	
Overall Operating Height - Fully Raised	h27 3167 mm
Height to Hinge Pin – Fully Raised	h28 2438 mm
Overall Height to top of ROPS	h17 1897 mm
Dump angle at full height	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	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 - Front without bucket	wa1 1097 mm
Performances	wa 1 1097 IIIII
	8.90 km/h
Travel speed (unladen) Wheels	8.90 KIII/II
Standard tires	5.70x12
	5.70X1Z
Engine	Vannas
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
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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