Technical sheet:

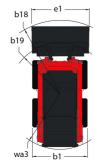
## **850R**



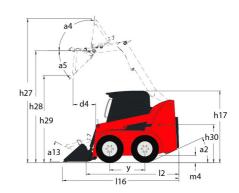


	BSOR Created on September 12, 2025 at 11.00 PM
Capacities	Metric
Rated Operating Capacity	386 kg
Unladen weight	1352 kg
Weight and dimensions	
Wheelbase	y 775 mm
Overall Operating Height - Fully Raised	h27 3167 mm
Height to Hinge Pin - Fully Raised	h28 2438 mm
Overall Height to top of ROPS	h17 1897 mm
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
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
Performances	
Travel speed (unladen)	8.90 km/h
Wheels	0130 KHIJI II
Standard tires	5.70 x 12
Engine	3.70 X 12
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	12 V 40 kW
Starter	1.70 kW
Hydraulics	1.70 KW
	38.20 l/min
Standard flow - Auxiliary hydraulics	
Auxiliary Hydraulic Pressure	145 bar
Tank capacities	001
Fuel tank	29
Hydraulic tank capacity	27.30
Displacement Noise and the story	1.30 l
Noise and vibration	464 17
Noise to environment (LwA)	101 dB
Noise at driving position (LpA)	85 dB
Whole-Body Vibration (ISO 2631-1)	1.05 m/s <sup>2</sup>
Vibration on hands/arms	< 1.53 m/s²

## 850R - Dimensional drawing







## **Equipment**







## **Head Office**

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