Technical sheet:

## **850**R



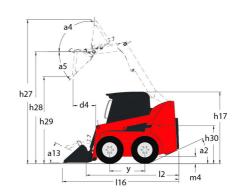


	<b>850R</b> Created on August 13, 2025 at 3:43	AIVI U I
Capacities	Metric	
Rated Operating Capacity	386 kg	
Unladen weight	1352 kg	
Weight and dimensions		
Wheelbase	y 775 mm	
Overall Operating Height - Fully Raised	h27 3167 mm	
Height to Hinge Pin - Fully Raised	h28 2438 mm	
Overall Height to top of ROPS	h17 1897 mm	
Dump angle at full height	a5 46 °	
Dump height	h29 1836 mm	
Overall length with bucket	116 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		
Standard tires	5.70 x 12	
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 tank capacity	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/s²	
Vibration on hands/arms	< 1.53 m/s <sup>2</sup>	

## 850R - Dimensional drawing







## **Equipment**







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