Technical sheet:

850R



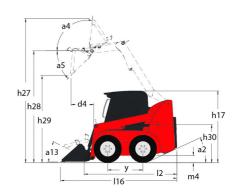


	850R Created	TON May 18, 2024 at 11.54.10 AM UTC
Capacities		Metric
Rated Operating Capacity		386 kg
Unladen weight		1352 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	3167 mm
Height to Hinge Pin – Fully Raised	h28	2438 mm
Overall Height to top of ROPS	h17	1897 mm
Dump angle 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	wal	1097 111111
		8.90 km/h
Travel speed (unladen)		8.90 KM/H
Wheels		F 70::10
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 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 I
Hydraulic oil tank capacity		27.30 l
Displacement		1.30 l
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 on hands/arms		< 1.53 m/s²

850R - Dimensional drawing







Equipment







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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