Technical sheet:

850R



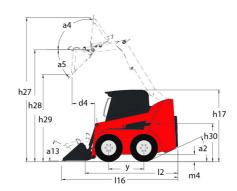


Capacities Rated Operating Capacity Unladen weight Weight and dimensions Wheelbase Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle Clearance Radius - Front with Bucket	y h27 h28 h17 a5 h29	Metric 386 kg 1352 kg 775 mm 3167 mm 2438 mm 1897 mm
Unladen weight Weight and dimensions Wheelbase Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h27 h28 h17 a5 h29	1352 kg 775 mm 3167 mm 2438 mm
Weelbase Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h27 h28 h17 a5 h29	775 mm 3167 mm 2438 mm
Wheelbase Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h27 h28 h17 a5 h29	3167 mm 2438 mm
Overall Operating Height - Fully Raised Height to Hinge Pin - Fully Raised Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h27 h28 h17 a5 h29	3167 mm 2438 mm
Height to Hinge Pin - Fully Raised Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h28 h17 a5 h29	2438 mm
Overall Height to top of ROPS Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h17 a5 h29	
Dump angle at full height Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	a5 h29	1907 mm
Dump height Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h29	109/ 111111
Overall length with bucket Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle		46 °
Dump reach - Full height Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	116	1836 mm
Rollback at ground Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	110	2576 mm
Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	r6	376 mm
Seat to ground height Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	a13	23 °
Overall width less bucket Bucket Width Ground clearance Overall length - Less Bucket Departure angle	h30	879 mm
Ground clearance Overall length - Less Bucket Departure angle	b1	909 mm
Overall length - Less Bucket Departure angle	e1	914 mm
Overall length - Less Bucket Departure angle	m4	150 mm
Departure angle	12	1905 mm
•	a2	30 °
	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 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)		
Noise at driving position (LpA)		101 dB
Whole-Body Vibration (ISO 2631-1)		101 dB 85 dB
Vibration on hands/arms		101 dB 85 dB 1.05 m/s²

850R - Dimensional drawing







Equipment







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