

Technical sheet :

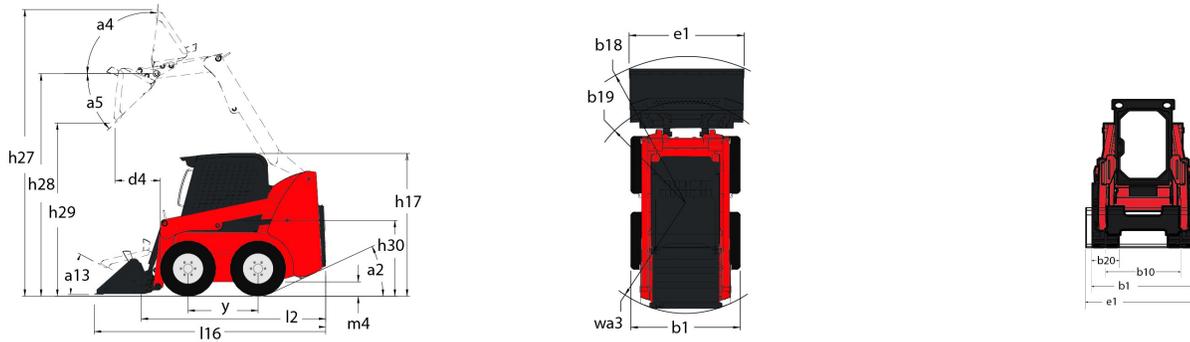
# **850 R**

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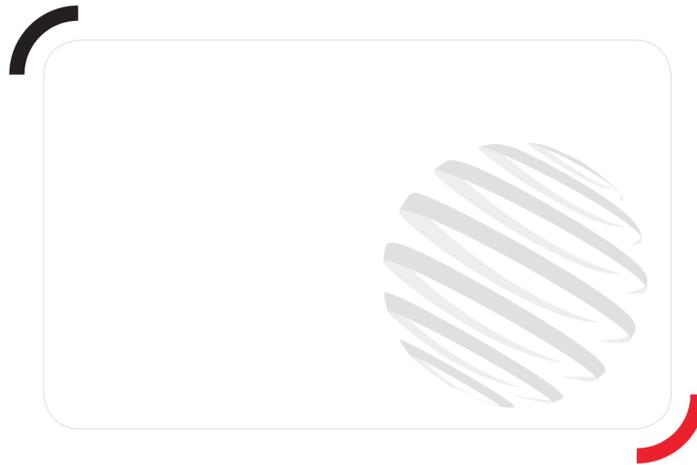
Capacities		Metric	Imperial
Rated Operating Capacity		386 kg	851 lbs
Unladen weight		1352 kg	2981 lbs
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	3167 mm	124.685 in
Height to Hinge Pin - Fully Raised	h28	2438 mm	95.984 in
Overall Height to Top of Rops	h17	1897 mm	74.685 in
Dump angle at full height	a5	46 °	46 °
Dump height	h29	1836 mm	72.283 in
Overall length with bucket	l16	2576 mm	101.417 in
Dump reach at full height		376 mm	14.803 in
Rollback at ground		23 °	23 °
Seat to ground height	h30	879 mm	34.606 in
Wheelbase	y	775 mm	30.512 in
Overall width less bucket	b1	909 mm	35.787 in
Bucket Width	e1	914 mm	35.984 in
Ground clearance	m4	150 mm	492 ft 2 in
Overall length - Less Bucket	l2	1905 mm	75 in
Departure angle	a2	30 °	30 °
Clearance Radius - Front with Bucket		1473 mm	57.992 in
Clearance Circle - Rear	wa1	1097 mm	43.189 in
Performances			
Travel speed (unladen)		8.9 km/h	5.5 mph
Wheels			
Standard tyres		5.70x12	5.70x12
Engine			
Engine brand		Yanmar	Yanmar
Engine model		3TNV82A-BPMSR	3TNV82A-BPMSR
Gross Power (kW)		18.1 kW	18.1 kW
Net Power (kW)		17.8 kW	17.8 kW
Max. torque / Engine rotation		86 Nm/m / 2400 tr/min	86 Nm/m / 2400 tr/min
Battery		12 V	12 V
Starter (kW)		1.7 kW	1.7 kW
Hydraulics			
Auxiliary hydraulics		38.2 l/min	38.2 l/min
Auxiliary Hydraulic Pressure		145 Bar	10 PSI
Tank capacities			
Fuel tank		29 l	6.38 gal
Reservoir Capacity Hydraulics		27.30 l	6.01 gal
Displacement		1.30 l	0.29 gal
Noise and vibration			
Environmental noise (LwA)		101 dB(A)	101 dB(A)
Noise at driving position (LpA)		85 dB(A)	85 dB(A)
Whole-Body Vibration (ISO 2631-1)		< 1.05 m/s <sup>2</sup>	< 1.05 m/s <sup>2</sup>
Vibration to whole hand/arm		< 1.53 m/s <sup>2</sup>	< 1.53 m/s <sup>2</sup>

## Dimensional drawing



## Equipment

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Hydrostatic Drive - Servo	Standard
Integral Access Plate (removable)	Standard
Selectable Self-Leveling Hydraulic Lift Action 4	Optional
<b>Lifting function</b>	
All-Tach® Attachment Mounting System	Standard
Auxiliary Hydraulics	Standard
<b>Lighting</b>	
Work Lights - Front and Rear	Standard
<b>Motorization/Power</b>	
Engine Block Heater	Optional
<b>Operator station</b>	
Cab Enclosure	Optional
Foot and Hand Throttles 2	Standard
Full-Suspension Seat	Optional
Gehl T-Bar Controls	Standard
Heating	Optional
Horn	Optional
ROPS/FOPS Level II Overhead Guard	Standard
<b>Safety</b>	
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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