

Technical sheet :

850 R



Capacities		Metric	Imperial
Rated Operating Capacity		386 kg	851 lb
Unladen weight		1352 kg	2981 lb
Weight and dimensions			
Overall Operating Height - Fully Raised	h27	3167 mm	125 in
Height to Hinge Pin - Fully Raised	h28	2438 mm	96 in
Overall Height to Top of ROPS	h17	1897 mm	75 in
Dump angle at full height	a5	46 °	46 °
Dump height	h29	1836 mm	72 in
Overall length with bucket	l16	2576 mm	101 in
Dump reach - Full height	r6	376 mm	15 in
Rollback at ground	a13	23 °	23 °
Seat to ground height	h30	879 mm	35 in
Wheelbase	y	775 mm	31 in
Overall width less bucket	b1	909 mm	36 in
Bucket Width	e1	914 mm	36 in
Ground clearance	m4	150 mm	6 in
Overall length - Less Bucket	l2	1905 mm	75 in
Departure angle	a2	30 °	30 °
Clearance Radius - Front with Bucket	b18	1473 mm	58 in
Clearance Circle - Front without Bucket	b19	833 mm	33 in
Clearance Circle - Rear	wa1	1097 mm	43 in
Performances			
Travel speed (unladen)		8.90 km/h	6 mi/h
Wheels			
Standard tyres		5.70x12	5.70x12
Engine			
Engine brand		Yanmar	Yanmar
Engine model		3TNV82A-BPMSR	3TNV82A-BPMSR
Gross Power (kW)		18.10 kW	18 kW
Net Power (kW)		17.80 kW	18 kW
Max. torque / Engine rotation		86 Nm / 2400 rpm	63 ft/lbs / 2400 rpm
Battery		12 V	12 V
Alternator		40 kW	40 kW
Starter (kW)		1.70 kW	2 kW
Hydraulics			
Standard flow - Auxiliary hydraulics		38.20 l/min	10 US gpm
Auxiliary Hydraulic Pressure		145 bar	2103 PSI
Tank capacities			
Fuel tank		29 l	8 US gal
Reservoir Capacity Hydraulics		27.30 l	7 US gal
Displacement		1.30 l	0.34 US gal
Noise and vibration			
Environmental noise (LwA)		101 dB	101 dB
Noise at driving position (LpA)		85 dB	85 dB
Whole-Body Vibration (ISO 2631-1)		1.05 m/s ²	1.05 m/s ²
Vibration to whole hand/arm		< 1.53 m/s ²	< 1.53 m/s ²

850 R - Dimensional drawing



Equipment

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



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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