Technical sheet:

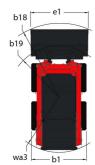
## **850**R



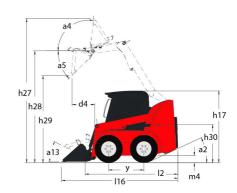


	<b>850R</b> Greated on May 20, 2024 at 4.54.0	UU AIVI U I
Capacities	Metric	
Rated Operating Capacity	386 kg	
Unladen weight	1352 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 3167 mm	
Height to Hinge Pin – Fully Raised	h28 2438 mm	
Overall Height to top of ROPS	h17 1897 mm	
Dump angle at full height	a5 46°	
Dump height	h29 1836 mm	
Overall length with bucket	I16 2576 mm	
Dump reach - Full height	r6 376 mm	
Rollback at ground	a13 23 °	
Seat to ground height	h30 879 mm	
Wheelbase	y 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 - Profit Without Bucket	wa1 1097 mm	
Performances	wa 1 1097 IIIIII	
	8.90 km/h	
Travel speed (unladen)	8.90 KIII/II	
Wheels	5.70x12	
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	
Hydraulic oil 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**

Lifting function  All-Tach® Attachment Mounting System  All-Tach® Attachment Mounting System  Auxiliary Hydraulics  Standard  Lighting  Work Lights - Front and Rear  Motorization/Power  Engine Block Heater  Optional  Operator station  Cab Enclosure  Optional Foot and Hand Throttles 2  Standard  Full-Suspension Seat  Gehl T-Bar Controls  Heating  Hom  ROPS/FOPS Level II Overhead Guard  Other options  Hydrostatic Drive - Servo  Selectable Self-Leveling Hydraulic Lift Action 4  Selectable Self-Leveling Hydraulic Lift Action 4  Security  Anti-Vandalism Protection  Brake Control (Auto / Manual)  Hydraloc™ Safety System  Lift Arm Support Device  Standard  Standard  Lift Arm Support Device  Standard  Standard		
All-Tach® Attachment Mounting System Auxiliary Hydraulics Standard Lighting Work Lights - Front and Rear Motorization/Power Engine Block Heater Optional Operator station Cab Enclosure Cab Enclosure Foot and Hand Throttles 2 Standard Full-Suspension Seat Gehl T-Bar Controls Heating Hom ROPS/FOPS Level II Overhead Guard Other options Hydrostatic Drive - Servo Selectable Self-Leveling Hydraulic Lift Action 4 Security Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc™ Safety System Lift Arm Support Device Standard Lift Arm Support Device Standard	Integral Access Plate (removable)	Standard
Auxiliary Hydraulics Lighting  Work Lights - Front and Rear  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  ROPS/FOPS Level II Overhead Guard Other options Hydrostatic Drive - Servo Selectable Self-Leveling Hydraulic Lift Action 4  Security  Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc™ Safety System Lift Arm Support Device Standard  Standard  Lift Arm Support Device Standard  Standard	Lifting function	
Lighting Work Lights - Front and Rear Standard Motorization/Power Engine Block Heater Optional Operator station Cab Enclosure Foot and Hand Throttles 2 Standard Full-Suspension Seat Optional Gehl T-Bar Controls Heating Optional Hom ROPS/FOPS Level II Overhead Guard Other options Hydrostatic Drive - Servo Selectable Self-Leveling Hydraulic Lift Action 4 Security Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc™ Safety System Lift Arm Support Device Standard Standard Lift Arm Support Device Standard	All-Tach® Attachment Mounting System	Standard
Work Lights - Front and Rear  Motorization/Power  Engine Block Heater Optional  Operator station  Cab Enclosure Foot and Hand Throttles 2 Standard  Full-Suspension Seat Optional  Gehl T-Bar Controls Heating Optional  Horn ROPS/FOPS Level II Overhead Guard  Other options Hydrostatic Drive - Servo Selectable Self-Leveling Hydraulic Lift Action 4  Security  Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc™ Safety System Lift Arm Support Device Standard  Standard  Standard  Optional Standard Optional Standard	Auxiliary Hydraulics	Standard
Motorization/Power Optional   Engine Block Heater Optional   Operator station Optional   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 Standard   Hydrostatic Drive - Servo Standard   Selectable Self-Leveling Hydraulic Lift Action 4 Optional   Security Standard   Anti-Vandalism Protection Standard   Back-Up Alarm Optional   Brake Control (Auto / Manual) Standard   Hydraloc™ Safety System Standard   Lift Arm Support Device Standard	Lighting	
Engine Block Heater 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 Other options Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Security Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc™ Safety System Lift Arm Support Device Standard	Work Lights - Front and Rear	Standard
Operator station       Optional         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       Under options         Hydrostatic Drive - Servo       Standard         Selectable Self-Leveling Hydraulic Lift Action 4       Optional         Security       Standard         Anti-Vandalism Protection       Standard         Back-Up Alarm       Optional         Brake Control (Auto / Manual)       Standard         Hydraloc™ Safety System       Standard         Lift Arm Support Device       Standard	Motorization/Power	
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 Standard   Hydrostatic Drive - Servo Standard   Selectable Self-Leveling Hydraulic Lift Action 4 Optional   Security Standard   Anti-Vandalism Protection Standard   Back-Up Alarm Optional   Brake Control (Auto / Manual) Standard   Hydraloc™ Safety System Standard   Lift Arm Support Device Standard	Engine Block Heater	Optional
Foot and Hand Throttles 2 Foot and Hand Throttles 2 Full-Suspension Seat Optional Gehl T-Bar Controls Standard Heating Optional Hom Optional ROPS/FOPS Level II Overhead Guard Other options Hydrostatic Drive - Servo Standard Selectable Self-Leveling Hydraulic Lift Action 4 Security Anti-Vandalism Protection Brake Control (Auto / Manual) Hydraloc™ Safety System Lift Arm Support Device Standard	Operator station	
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	Cab Enclosure	Optional
Gehl TBar Controls Standard   Heating Optional   Hom Optional   ROPS/FOPS Level II Overhead Guard Standard   Other options Under options   Hydrostatic Drive - Servo Standard   Selectable Self-Leveling Hydraulic Lift Action 4 Optional   Security Standard   Anti-Vandalism Protection Standard   Back-Up Alarm Optional   Brake Control (Auto / Manual) Standard   Hydraloc™ Safety System Standard   Lift Arm Support Device Standard	Foot and Hand Throttles 2	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	Full-Suspension Seat	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	Gehl T-Bar Controls	Standard
ROPS/FOPS Level II Overhead Guard  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	Heating	Optional
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	Hom	Optional
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) Hydraloc™ Safety System Standard Lift Arm Support Device Standard	ROPS/FOPS Level II Overhead Guard	Standard
Selectable Self-Leweling Hydraulic Lift Action 4     Optional       Security     Standard       Anti-Vandalism Protection     Standard       Back-Up Alarm     Optional       Brake Control (Auto / Manual)     Standard       Hydraloc™ Safety System     Standard       Lift Arm Support Device     Standard	Other options Control of the Control	
Security     Standard       Anti-Vandalism Protection     Standard       Back-Up Alarm     Optional       Brake Control (Auto / Manual)     Standard       Hydraloc™ Safety System     Standard       Lift Arm Support Device     Standard	Hydrostatic Drive - Servo	Standard
Anti-Vandalism Protection       Standard         Back-Up Alarm       Optional         Brake Control (Auto / Manual)       Standard         Hydraloc™ Safety System       Standard         Lift Arm Support Device       Standard	Selectable Self-Leveling Hydraulic Lift Action 4	Optional
Back-Up Alarm Optional Brake Control (Auto / Manual) Standard Hydraloc™ Safety System Standard Lift Arm Support Device Standard	Security	
Brake Control (Auto / Manual)     Standard       Hydraloc™ Safety System     Standard       Lift Arm Support Device     Standard	Anti-Vandalism Protection	Standard
Hydraloc™ Safety System Standard  Lift Arm Support Device Standard	Back-Up Alarm	Optional
Lift Arm Support Device Standard	Brake Control (Auto / Manual)	Standard
·	Hydraloc™ Safety System	Standard
Operator Restraint Bar 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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