Technical sheet:

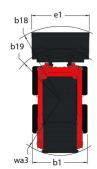
850 R



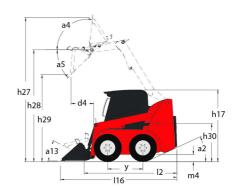


Capacities Metric Imperior Rated Operating Capacity 386 kg 851 Unladen weight 1352 kg 2981 Weight and dimensions Overall Operating Height - Fully Raised h27 3167 mm 125 Height to Hinge Pin - Fully Raised h28 2438 mm 96 in Overall Height to Top of ROPS h17 1897 mm 75 in Dump angle at full height a5 46 ° 46 ° Dump height h29 1836 mm 72 in Overall length with bucket 116 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 Overall length - Less Bucket 12 1905 mm 75 in	lb lb in in in in
Unladen weight 1352 kg 2981	Ib in in in
Weight and dimensions b Overall Operating Height - Fully Raised h27 3167 mm 1251 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 116 2576 mm 101 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 12 1905 mm 75 in Departure angle a2 30 ° 30 °	in in in •
Overall Operating Height - Fully Raised h27 3167 mm 125 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 116 2576 mm 101 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 12 1905 mm 75 in Departure angle a2 30 ° 30 °	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 12 1905 mm 75 in Departure angle a2 30 ° 30 °	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 12 1905 mm 75 in Departure angle a2 30 ° 30 °	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 12 1905 mm 75 in Departure angle a2 30° 30°	o in
Dump height h29 1836 mm 72 in Overall length with bucket I16 2576 mm 101 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 12 1905 mm 75 in Departure angle a2 30° 30°	in
Overall length with bucket I16 2576 mm 10 10 10 10 10 10 10 10 10 10 10 10 10 1	
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 12 1905 mm 75 in Departure angle a2 30 ° 30 °	in
Rollback at ground a13 23 ° 23 ° Seat to ground height h30 879 mm 35 is Wheelbase y 775 mm 31 is Overall width less bucket b1 909 mm 36 is Bucket Width e1 914 mm 36 is Ground clearance m4 150 mm 6 in Overall length - Less Bucket 12 1905 mm 75 is Departure angle a2 30 ° 30 °	***
Seat to ground height h30 879 mm 35 is Wheelbase y 775 mm 31 is Overall width less bucket b1 909 mm 36 is Bucket Width e1 914 mm 36 is Ground clearance m4 150 mm 6 in Overall length - Less Bucket 12 1905 mm 75 is Departure angle a2 30 ° 30 °	n
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 12 1905 mm 75 in Departure angle a2 30 ° 30 °	•
Overall width less bucket b1 909 mm 36 is Bucket Width e1 914 mm 36 is Ground clearance m4 150 mm 6 in Overall length - Less Bucket 12 1905 mm 75 is Departure angle a2 30 ° 30 °	n
Overall width less bucket b1 909 mm 36 is Bucket Width e1 914 mm 36 is Ground clearance m4 150 mm 6 in Overall length - Less Bucket 12 1905 mm 75 is Departure angle a2 30 ° 30 °	.n
Ground clearance m4 150 mm 6 in Overall length - Less Bucket 12 1905 mm 75 in Departure angle a2 30 ° 30 °	n
Overall length - Less Bucket 12 1905 mm 75 ii Departure angle a2 30 ° 30 °	.n
Departure angle a2 30 ° 30 °	า
, ,	n
Clearance Radius - Front with Bucket b18 1473 mm 58 ii	•
	n
Clearance Circle - Front without Bucket b19 833 mm 33 in	n
Clearance Circle - Rear wa1 1097 mm 43 ir	n
Performances	
Travel speed (unladen) 8.90 km/h 6 min	/h
Wheels	
Standard tyres 5.70x12 5.70x	:12
Engine	
Engine brand Yanmar Yanm	nar
Engine model 3TNV82A-BPMSR 3TNV82A-	-BPMSR
Gross Power (kW) 18.10 kW 18 k'	W
Net Power (kW) 17.80 kW 18 k'	.W
Max. torque / Engine rotation 86 Nm / 2400 rpm 63 ft//lbs / 2	2400 rpm
Battery 12 V 12 V	٧
Alternator 40 kW 40 k'	W
Starter (kW) 1.70 kW 2 kV	N
Hydraulics	
Standard flow - Auxiliary hydraulics 38.20 l/min 10 US of the standard flow - Auxiliary hydraulics 10 US of the standard flow - Auxiliary hydrauli	gpm
Auxiliary Hydraulic Pressure 145 bar 2103	PSI
Tank capacities	
Fuel tank 29 I 8 US (gal
Reservoir Capacity Hydraulics 27.30 1 7 US (gal
Displacement 1.30 I 0.34 US	S gal
Noise and vibration	
Environmental noise (LwA) 101 dB 101 c	dB
Noise at driving position (LpA) 85 dB 85 d	
Whole-Body Vibration (ISO 2631-1) 1.05 m/s ² 1.05 m	
Vibration to whole hand/arm < 1.53 m/s ² < 1.53 r	

850 R - 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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