Technical sheet :



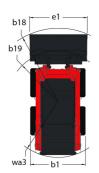




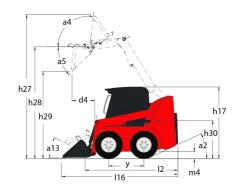
Capacities		
Rated Operating Capacity		
Unladen weight		
Weight and dimensions		
Wheelbase	у	
Overall Operating Height - Fully Raised	h27	
Height to Hinge Pin - Fully Raised	h28	
Overall Height to top of ROPS	h17	
Dump angle at full height	a5	
Dump height	h29	
Overall length with bucket	l16 r6	
Dump reach - Full height		
Rollback at ground	a13 h30	
Seat to ground height Overall width less bucket	b1	
Bucket Width	e1	
Ground clearance	m4	
Overall length - Less Bucket	114	
Departure angle	a2	
Clearance Radius - Front with Bucket	618	
Performances	010	
Travel speed (unladen)		
Wheels		
Standard tires		
Engine		
Engine brand		
Engine model		
Engine norm		
Gross Power		
Net Power		
Max. torque / Engine rotation		
Power source		
Battery voltage		
Alternator		
Starter		
Hydraulics		
Standard flow - Auxiliary hydraulics		
Auxiliary Hydraulic Pressure		
Tank capacities		
Fuel tank		
Hydraulic tank capacity		
Displacement		
Noise and vibration		
Noise to environment (LwA)		
Noise at driving position (LpA)		
Whole-Body Vibration (ISO 2631-1)		
Vibration on hands/arms		

Metric 386 kg 1352 kg y 775 mm h27 3167 mm h28 2438 mm h17 1897 mm a5 46 * h29 116 2576 mm r6 376 mm a13 23 * h30 879 mm b1 909 mm e1 914 mm m4 150 mm i2 1905 mm a2 30 * b18 1473 mm a2 30 * b18 1473 mm a2 30 * b18 1473 mm a2 5.70 x 12 Yanmar 310 kW 17.0 kW 86 Nm / 2400 rpm Diesel	850r Cr	eated on September 12, 2025 at 11:02 PM UTC
1352 kg y 775 mm h27 3167 mm h28 2438 mm h17 1897 mm a5 46 ° h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm i2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a4 150 mm a2 30 ° b18 1473 mm a5 5.70 x 12 a5 10 kW a5 17.0 kW a6 Nm / 2400 rpm Diesel a12 V 40 kW a38.20 l/min 145 bar a291 27.30 1 a38.20 l/min 1.30 1 a5 dB 1.01 dB		Metric
y 775 mm h27 3167 mm h28 2438 mm h17 1897 mm a5 46 ° h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h300 879 mm b1 909 mm e1 914 mm m4 150 mm 12 1905 mm a2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a310 ° % b18 1473 mm a4 5.70 x 12 a310 ° % b18 1.10 kW a310 w % b18 1.70 kW a310 w 1.10 kW a38.20 l/min 1.45 bar a38.20 l/min 1.45 bar a310 l 1.30 l a31.30 l		386 kg
hZ7 3167 mm h28 2438 mm h17 1897 mm a5 46 ° h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm i2 1905 mm a2 30 ° b18 1473 mm a41 150 kW a5.70 x 12 12 a41 10 kW a5.70 x 12 12 a5.70 x 12 13 a5.70 x 12 12 a5.70 x 12 13 b18 1.70 kW a5.80 km / 2400 rpm 12 kW b19 38.20 l/min 145 bar 29 l 27.30 l 1.30 l a101 d		1352 kg
hZ7 3167 mm h28 2438 mm h17 1897 mm a5 46 ° h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm i2 1905 mm a2 30 ° b18 1473 mm a41 150 kW a5.70 x 12 12 a41 10 kW a5.70 x 12 12 a5.70 x 12 13 a5.70 x 12 12 a5.70 x 12 13 b18 1.70 kW a5.80 km / 2400 rpm 12 kW b19 38.20 l/min 145 bar 29 l 27.30 l 1.30 l a101 d		
h28 2438 mm h17 1897 mm a5 46 ° h29 1836 mm l16 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a40 km/h 100 mm a5.70 x 12 100 mm b18 1.70 kW a5.00 km/h 1.70 kW a6 Nm / 2400 mm 1.00 kW a12 V 40 kW a12 V 40 kW a12 V 29 l 27.30 l 1.30 l	у	775 mm
h17 1897 mm a5 46 ° h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a3TNV82A-BPMSR 3TNV82A-BPMSR a40 kW 17.80 kW a5.70 x 12 3true a40 kW 1.70 kW a56 Nm / 2400 rpm 3true biseel 12 V a40 kW 1.70 kW a58.20 l/min 145 bar a58.20 l/min 1.30 l a53 dB 1.30 l a53 dB 1.05 m/s²	h27	3167 mm
a5 46 ° h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a42 30 ° b18 1473 mm a42 30 ° b18 1473 mm a5.70 x 12 18.0 kW b19 17.80 kW a5.10 kW 17.80 kW b10 kW 1.70 kW a6 Nm / 2400 rpm 12 v a40 kW 1.70 kW a5.20 l/min 145 bar a9 29 l 27.30 l	h28	2438 mm
h29 1836 mm 116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a42 300 km/h a5.70 x 12 20 Yanmar 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 2 29 I 2.7.30 I 1.30 I 40 kW 1.30 I 2.9 I 27.30 I 3.30 I 38.5 dB 3.01 dB 85 dB <td>h17</td> <td></td>	h17	
116 2576 mm r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a3.90 km/h 3.90 km/h a3.90 km/h 3.90 km/h a42 3.90 km/h a43.90 km/h 3.90 km/h a44.00 kW 1.70 kW a44.00 kW 1.70 kW a44.00 kW 1.70 kW a58.20 l/min 145 bar a58.20 l/min 145 bar a59 l 2.9 l a50 l 3.0 l a50 l 1.05 m/s²		
r6 376 mm a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a3 5.70 x 12 a3 5.70 x 12 a3 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 pm Diesel 12 V 40 kW 1.70 kW a38.20 l/min 145 bar a38.20 l/min 145 bar a38.20 l/min 1.30 l a38.20 l/min 1.30 l a38.20 l/min 1.30 l a38.20 l/min 1.30 l		
a13 23 ° h30 879 mm b1 909 mm e1 914 mm m4 150 mm i2 1905 mm a2 30 ° b18 1473 mm a2 5.70 x 12 a3 Yanmar 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW a40 kW 17.80 kW a56 Nm / 2400 pm Diesel 12 V 40 kW 1.70 kW 29 l 2.20 l/min 145 bar 2.20 l 29 l 2.21.30 l 1.30 l 3.30 l 101 dB 85 dB 1.05 m/s²		
h30 879 mm b1 909 mm e1 914 mm m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a30 8.90 km/h a31NV82A-BPMSR 31NV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 pm Diesel 12 V 40 kW 1.70 kW 29 I 27.30 I 1.30 I 130 I a101 dB 85 dB 1.05 m/s² 1.05 m/s²		
b1 909 mm e1 914 mm m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a3 8.90 km/h a3 5.70 x 12 a3 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 17.80 kW a40 kW 17.80 kW a40 kW 1.70 kW a40 kW 1.70 kW a52.0 l/min 145 bar a53.20 l/min 145 bar a53.20 l/min 1.30 l a53.20 l/min 1.30 l a55 dB 1.05 m/s²		
e1 914 mm m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a30 8.90 km/h a31NV82A-BPMSR 31NV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 29 l 29 l 27.30 l 1.30 l a101 dB 85 dB 1.05 m/s² 1.05 m/s²		
m4 150 mm l2 1905 mm a2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a2 30 ° b18 1473 mm a2 8.90 km/h a31NV82A-BPMSR 31NV82A-BPMSR 31NV82A-BPMSR 310 kW a40 kW 17.80 kW a40 kW 12 V a40 kW 1.70 kW a50 km 29 l 27.30 l 1.30 l a50 km 101 dB 85 dB 1.05 m/s²		
12 1905 mm a2 30 ° b18 1473 mm a2 8.90 km/h a3 8.90 km/h a4 5.70 x 12 a4 3TNV82A-BPMSR 3TNV82A-BPMSR Stage V 3TNV82A-BPMSR 3tage V 3TNV82A-BPMSR		
a2 30° b18 1473 mm 8.90 km/h 3.90 km/h 3.90 km/h 3.90 km/h 3.90 km/h 3.90 km/h 3.90 km/h 3.90 km/h 3.90 km 3.90 km 3.9		
b18 1473 mm 8.90 km/h 8.90 km/h 3.90 km 3.90 km/h 3.90 km		
8.90 km/h 8.90 km/h 5.70 x 12 Yanmar 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12.V 40 kW 1.70 kW 38.20 l/min 1.70 kW 29 l 27.30 l 1.30 l 1.30 l		
5.70 x 12 Yanmar 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²	b18	1473 mm
5.70 x 12 Yanmar 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		
Yanmar 3TNV82A-BPMSR 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s ²		8.90 km/h
Yanmar 3TNV82A-BPMSR 3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s ²		
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86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		
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40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		
1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		
38.20 l/min 145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		
145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		1.70 KW
145 bar 29 l 27.30 l 1.30 l 101 dB 85 dB 1.05 m/s²		28.20 L/min
29 27.30 1.30 101 dB 85 dB 1.05 m/s ²		
27.30 l 1.30 l 101 dB 85 dB 1.05 m/s ²		145 Dal
27.30 l 1.30 l 101 dB 85 dB 1.05 m/s ²		201
1.30 l 101 dB 85 dB 1.05 m/s²		
101 dB 85 dB 1.05 m/s²		
85 dB 1.05 m/s²		1.301
85 dB 1.05 m/s²		101 dB
1.05 m/s²		
< 1.35 III/S ⁻		
		\$ 1.00 11/5

850R - Dimensional drawing







Equipment

-	
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
Horn	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



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