Technical sheet :







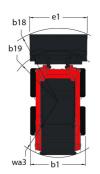
Capacities	
Rated Operating Capacity	
Unladen weight	
Weight and dimensions	
Wheelbase)
Overall Operating Height - Fully Raised	h2
Height to Hinge Pin - Fully Raised	h2
Overall Height to top of ROPS	h1
Dump angle at full height	а
Dump height	h2
Overall length with bucket	1
Dump reach - Full height	rt
Rollback at ground	a1
Seat to ground height	h3
Overall width less bucket	b
Bucket Width	е
Ground clearance	m
Overall length - Less Bucket	1:
Departure angle	а
Clearance Radius - Front with Bucket	b1
Performances	
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	

sor Created on June	13,	2025 a	t 4:02 F	PM UTC
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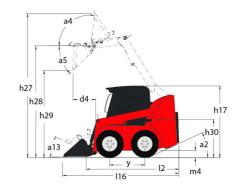
8

	Metric
	386 kg
	1352 kg
у	775 mm
h27	3167 mm
h28	2438 mm
h17	1897 mm
a5	46 °
h29	1836 mm
116	2576 mm
rб	376 mm
a13	23 °
h30	879 mm
b1	909 mm
e1	914 mm
m4	150 mm
12	1905 mm
a2	30 °
b18	1473 mm
	8.90 km/h
	5.70 x 12
	Yanmar
	anmar 3TNV82A-BPMSR
	3TNV8ZA-BPMSR
	Otomo V
	Stage V
	18.10 kW
	18.10 kW 17.80 kW
	18.10 kW 17.80 kW 86 Nm / 2400 rpm
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l
	18.10 kW 17.80 kW 86 Nm / 2400 mm Diesel 12 V 40 kW 1.70 kW 38.20 l/min 145 bar 29 l 27.30 l 1.30 l
	18.10 kW 17.80 kW 86 Nm / 2400 mm 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
	18.10 kW 17.80 kW 86 Nm / 2400 mm 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

850R - Dimensional drawing







Equipment

<u> </u>	
Integral Access Plate (removable)	
Lifting function	
All-Tach® Attachment Mounting System	
Auxiliary Hydraulics	
Lighting	
Work Lights - Front and Rear	
Motorization/Power	
Engine Block Heater	
Operator station	
Cab Enclosure	
Foot and Hand Throttles 2	
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	
Back-Up Alarm	
Brake Control (Auto / Manual)	
Hydraloc™ Safety System	
Lift Arm Support Device	
Operator Restraint Bar	



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