Technical sheet :





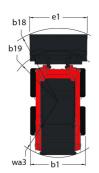


Capacities	
Rated Operating Capacity	
Unladen weight	
Weight and dimensions	
Wheelbase	у
Overall Operating Height - Fully Raised	h27
Height to Hinge Pin - Fully Raised	h28
Overall Height to top of ROPS	h17
Dump angle at full height	a5
Dump height	h29
Overall length with bucket	116
Dump reach - Full height	rб
Rollback at ground	a13
Seat to ground height	h30
Overall width less bucket	b1
Bucket Width	e1
Ground clearance	m4
Overall length - Less Bucket	12
Departure angle	a2
Clearance Radius - Front with Bucket	b18
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	

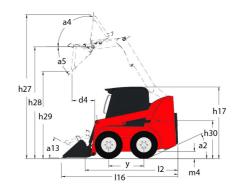
Metric
386 kg
-
1352 kg
776
775 mm
3167 mm
2438 mm
1897 mm
46 °
1836 mm
2576 mm
376 mm 23 °
879 mm
909 mm
914 mm
150 mm
1905 mm 30 °
1473 mm
0.00 hm /h
8.90 km/h
5.70 x 12
5.70 x 12
Vanmar
Yanmar 3TNV82A-RPMSR
3TNV82A-BPMSR
3TNV82A-BPMSR Stage V
3TNV82A-BPMSR Stage V 18.10 kW
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW
3TNV82A-BPMSR Stage V 18.10 kW 17.80 kW 86 Nm / 2400 rpm Diesel 12 V 40 kW 1.70 kW
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
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
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
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
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
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
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
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
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
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/s <sup>2</sup>

BSOR Created on August 10, 2025 at 6:57 PM UTC

## 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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