Technical sheet:

## **1800R**



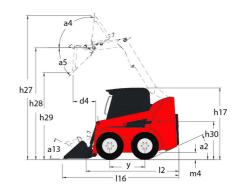


	<b>1800R</b> Created on May 20, 2024 at 10.11.34 PM
Capacities	Metric
Rated Operating Capacity	817 kg
Unladen weight	2892 kg
Tipping capacity	1633 kg
Weight and dimensions	
Overall Operating Height - Fully Raised	h27 3876 mm
Height to Hinge Pin – Fully Raised	h28 3023 mm
Overall Height to top of ROPS	h17 1948 mm
Dump angle at full height	a5 38 °
Dump height	h29 2379 mm
Overall length with bucket	l16 3139 mm
Dump reach - Full height	r6 579 mm
Rollback at ground	a13 28 °
Rollback Angle at Full Height	a4 99°
Seat to ground height	h30 930 mm
Wheelbase	y 988 mm
Overall width less bucket	b1 1582 mm
Bucket Width	e1 1562 mm
Ground clearance	m4 160 mm
Overall length - Less Bucket	12 2425 mm
Departure angle	a2 19 °
Clearance Radius - Front with Bucket	b18 1869 mm
Clearance Circle - Front without Bucket	b19 1130 mm
Clearance Circle - Rear	wa1 1519 mm
Performances	
Travel speed (unladen)	12.60 km/h
Wheels	
Standard tires	10X 16.5 - 10 PR HD
Engine	
Engine brand	Yanmar
Engine model	4TNV98-ZNMS3R1
Engine norm	iT4
Gross Power	52.10 kW
Net Power	51.20 kW
Max. torque / Engine rotation	241 Nm / 2500 rpm
Power source	Diesel
Number of cylinders	4
Battery voltage	12 V
Accessory plug	12 V
Alternator - Ampere	100 A
Starter	3 kW
Hydraulics	
Standard flow - Auxiliary hydraulics	71.40 l/min
Auxiliary Hydraulic Pressure	207 bar
Tank capacities	
Fuel tank	62.50
Hydraulic oil tank capacity	41.60
Displacement	3319 mm³
LH Chain case	8.50
RH Chain case	8.50 I

## 1800R - Dimensional drawing











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