Technical sheet:

1800R



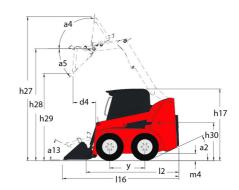


	1800R Created on May 20, 2024 at 12.34.19 AM
Capacities	Metric
Rated Operating Capacity	817 kg
Unladen weight	2892 kg
Tipping capacity	1633 kg
Weight and dimensions	
Overall Operating Height - Fully Raised	h27 3876 mm
Height to Hinge Pin – Fully Raised	h28 3023 mm
Overall Height to top of ROPS	h17 1948 mm
Dump angle at full height	a5 38 °
Dump height	h29 2379 mm
Overall length with bucket	I16 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 l
Displacement	3319 mm³
LH Chain case	8.50
RH Chain case	8.50 l

1800R - Dimensional drawing











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