Technical sheet:

1800R



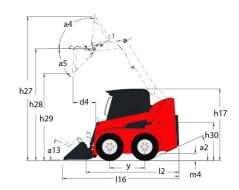


	1800R Greated on 19 May 2024 at 3.05.27	AIVI UT
Capacities	Metric	
Rated Operating Capacity	817 kg	
Unladen weight	2892 kg	
Tipping capacity	1633 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 3876 mm	
Height to Hinge Pin – Fully Raised	h28 3023 mm	
Overall Height to top of ROPS	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	114 100 mm	
•		
Departure angle		
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 I	
RH Chain case	8.50 I	

1800R - Dimensional drawing











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