Technical sheet:

1800R



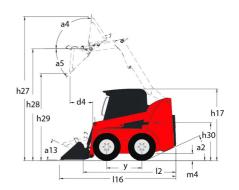


	1800R Created on 19 May 2024 at 7.50.15 A	IIVI U I I
Capacities	Metric	
Rated Operating Capacity	817 kg	
Unladen weight	2892 kg	
Tipping capacity	1633 kg	
Weight and dimensions		
Overall Operating Height - Fully Raised	h27 3876 mm	
Height to Hinge Pin – Fully Raised	h28 3023 mm	
Overall Height to top 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		
Overall width less bucket	y 988 mm b1 1582 mm	
Bucket Width	e1 1562 mm	
Ground clearance	m4 160 mm	
Overall length - Less Bucket	l2 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	
	1.50	

1800R - Dimensional drawing











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