Technical sheet:

## **1800R**



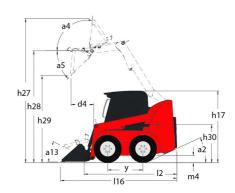


Capacities		Metric
Rated Operating Capacity		817 kg
Unladen weight		2892 kg
Tipping capacity		1633 kg
Weight and dimensions		
Wheelbase	у	988 mm
Overall Operating Height - Fully Raised	h27	3876 mm
Height to Hinge Pin - Fully Raised	h28	3023 mm
Overall Height to top of ROPS	h17	1948 mm
Dump angle at full 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
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
Rear departure angle		19 °
Performances		
Travel speed (unladen)		12.60 km/h
Wheels		
Standard tires		10 x 16.5 - 10 PR HD
Engine		
Engine brand		Yanmar
Engine model		4TNV98-ZNMS3R1
Engine norm		iT4
•		114
Gross Power		52.10 kW
Gross Power Net Power		
Net Power		52.10 kW 51.20 kW
		52.10 kW
Net Power Max. torque / Engine rotation Power source		52.10 kW 51.20 kW 241 Nm / 2500 rpm
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Alternator - Ampere		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Altemator - Ampere  Starter		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Alternator - Ampere		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Altemator - Ampere  Starter  Hydraulics  Standard flow - Auxiliary hydraulics		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A 3 kW
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Altemator - Ampere  Starter  Hydraulics  Standard flow - Auxiliary hydraulics  Auxiliary Hydraulic Pressure		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A 3 kW
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Altemator - Ampere  Starter  Hydraulics  Standard flow - Auxiliary hydraulics  Auxiliary Hydraulic Pressure  Tank capacities		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A 3 kW 71.40 I/min 207 bar
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Altemator - Ampere  Starter  Hydraulics  Standard flow - Auxiliary hydraulics  Auxiliary Hydraulic Pressure  Tank capacities  Fuel tank		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A 3 kW 71.40 I/min 207 bar
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Alternator - Ampere  Starter  Hydraulics  Standard flow - Auxiliary hydraulics  Auxiliary Hydraulic Pressure  Tank capacities  Fuel tank  Hydraulic tank capacity		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A 3 kW 71.40 I/min 207 bar 62.50 I 41.60 I
Net Power  Max. torque / Engine rotation  Power source  Number of cylinders  Battery voltage  Accessory plug  Altemator - Ampere  Starter  Hydraulics  Standard flow - Auxiliary hydraulics  Auxiliary Hydraulic Pressure  Tank capacities		52.10 kW 51.20 kW 241 Nm / 2500 rpm Diesel 4 12 V 12 V 100 A 3 kW 71.40 I/min 207 bar

## 1800R - Dimensional drawing











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