

S510 | Loaders

Specifications

Machine Rating

Rated operating capacity (ISO 14397-1)	810 kg
Tipping load (ISO 14397-1)	1619 kg
Pump capacity	64.70 L/min
System relief at quick couplers	23.8-24.5 MPa
Max. travel speed (high range - option)	17.3 km/h
Max. travel speed (low range)	11.8 km/h

Engine

Make / Model	Kubota / V2203-M-DI-E2B-BC-3
Fuel	Diesel
Cooling	Liquid
Power (SAE J1995) at 2800 RPM:	36.4 kW
Torque (SAE J 1995) at 1700 RPM:	150.0 Nm
Number of cylinders	4
Displacement	2196 cm ³
Fuel tank	93.70 L

Weights

Operating weight	2686 kg
Shipping weight	2343 kg

Controls

Vehicle steering	Direction and speed controlled by two hand levers
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Loader hydraulics tilt and lift	Separate foot pedals
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Front auxiliary (standard)	Electrical switch on right-hand steering lever
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Drive System

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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Standard Features

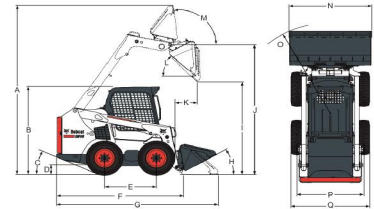
Cushion suspension seat	Lift arm support
Automatically activated glow plugs	Noise reduction kit
Auxiliary hydraulics: variable flow/maximum flow	Work lights, front and rear
Bob-Tach™ frame	Parking brake
Bobcat Interlock Control System (BICS)	Seat belt
Deluxe operator cab with windows ¹	Seat bar
Electrically activated proportional front auxiliary hydraulics	Spark arrestor muffler
Engine/hydraulics system shutdown	10 x 16.5, 10-ply, Heavy duty tyres
Hydraulic bucket positioning (including ON/OFF switch)	CE certification
Instrumentation	Warranty: 12 months or 2000 hours (whichever occurs first)

1. Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 and ISO 3471; Falling Object Protective Structure (FOPS) – meets requirements of SAE-J1043 and ISO 3449, Level I

Options

10 x 16.5, 10-ply, Heavy duty tyres
poly filled
Strobe

Dimensions



(A)	3787.0 mm	(J)	2908.0 mm
(B)	1972.0 mm	(K)	467.0 mm
(C)	24.2°	(L)	42.0°
(D)	185.0 mm	(M)	97.0°
(E)	1082.0 mm	(N)	1580.0 mm
(F)	2657.0 mm	(O)	2032.0 mm
(G)	3378.0 mm	(P)	1374.0 mm
(H)	30.0°	(Q)	1643.0 mm
(I)	2205.0 mm		

Attachments

Angle Brooms
 General Purpose (GP)
 Bucket
 Pallet Forks, Standard