



S510 | Compact Loaders



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 or optional Advanced Control System (ACS), Advanced Hand Controls (AHC) or Selectable Joystick Controls (SJC)
Loader hydraulics tilt and lift	Separate foot pedals or optional Advanced Control System (ACS), Advanced Hand Controls (AHC) or Selectable Joystick Controls (SJC)
Front auxiliary (standard)	Electrical switch on right-hand steering lever

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* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light, and electrical power port, cup holder, storage place, horn 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

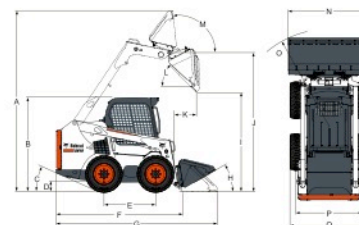
Options

Deluxe instrument panel	Selectable Joystick Controls (SJC)
Power Bob-Tach™	Two speed
Cab enclosure with heating	Air ride seat with 2 point seat belt
10 x 16.5, 10-ply, Heavy duty tyres, offset rims	Back-up alarm
10 x 16.5, 10-ply, Severe duty tyres	Beacon
12 x 16.5, 12-ply, Severe duty tyres, poly filled	Engine block heater
12 x 16.5, Solid flex tyres	Fire extinguisher
31 x 12-16.5, 10-ply, Superflotation tyres	Radio
Advanced Control System (ACS)	Road kit
Advanced Hand Controls (AHC)	Strobe

Environmental

Fuel consumption at 100% engine load	10.60 L/min
Fuel consumption at 70% engine load	8.70 L/min
Fuel consumption at 50% engine load	7.60 L/min
Fuel consumption at 30% engine load	7.20 L/min

Dimensions



(A)	3787.0 mm	(J)	2908.0 mm
(B)	1972.0 mm	(K)	467.0 mm
(C)	24°	(L)	42°
(D)	185.0 mm	(M)	97°
(E)	1082.0 mm	(N)	1727.0 mm
(F)	2657.0 mm	(O)	2032.0 mm
(G)	3378.0 mm	(P)	1374.0 mm
(H)	30°	(Q)	1643.0 mm
(I)	2205.0 mm		

Attachments

Angle Brooms	Packer Wheels
Augers	Pallet Forks, Hydraulic
Backhoes	Pallet Forks, Standard
Bale Forks	Planers
Box Blades	Root Grapples
Breakers	Rotary Cutters
Brush Saws	Scarifiers
Bucket Adapters	Scrapers
Combination Buckets	Skeleton Buckets
Concrete Mixers	Snow & Light Material Buckets
Construction / Industrial Buckets	Snow Blades
Cutter Crushers	Snowblowers
Diggers	Snow Pushers
Dozer Blades	Snow V-Blades
Dumping Hoppers	Sod Layers
Feeding Buckets	Soil Conditioners
Fertilizer Buckets	Spreaders
Flail Cutters	Stabilizers
General Purpose Buckets	Sweepers
Graders	Tillers
Grapples, Farm - Utility	Tilt-Tatch
Grapples, Industrial	Tracks
Landplanes	Tree Transplanters
Landscape Rakes	Trench Compactors
Low Profile Buckets	Utility Frames
Miscellaneous	Vibratory Rollers
Mixing Buckets	Water Kits
Mowers	Whisker Brooms

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