



**Bobcat**®

**SKID STEER LOADERS**

**S510**



***One Tough Animal***®

# S510 — 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 at 2400 RPM	36.4 kW
Torque at 1425 RPM (SAE J1995 Gross)	150.0 Nm
Number of cylinders	4
Displacement	2194 cm <sup>3</sup>
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
Loader hydraulics tilt and lift	Separate foot pedals or optional Advanced Control System (ACS) 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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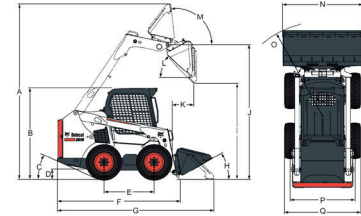
## Standard Features

Standard Seat	Lift arm support
Automatically activated glow plugs	Work lights, front and rear
Auxiliary hydraulics: variable flow/maximum flow	Parking brake
Bob-Tach™ frame	Seat belt
Bobcat Interlock Control System (BICS)	Seat bar
Standard Cab with rear window <sup>1</sup>	Spark arrestor muffler
Electrically activated proportional front auxiliary hydraulics	10 x 16.5, 10-ply, Heavy duty tyres
Engine/hydraulics system shutdown	Warranty: 12 months or 2000 hours (whichever occurs first)
Instrumentation	
<small>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</small>	

## Options

Deluxe instrument panel	Advanced Control System (ACS)
Power Bob-Tach™	Selectable Joystick Controls (SJC)
Cab enclosure with heating	Two speed
10 x 16.5, 10-ply, Heavy duty tyres, offset rims	Air ride seat with 2 point seat belt
10 x 16.5, 10-ply, Severe duty tyres	Back-up alarm
12 x 16.5, 12-ply, Severe duty tyres, poly filled	Beacon
12 x 16.5, Solid flex tyres	Bucket positioning valve
31 x 12-16.5, 10-ply, Superflotation tyres, offset rims	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)	1727.0 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	Pallet Forks, Standard
Augers	Planers
Backhoes	Rear Stabilizers
Bale Forks	Root Grapples
Box Blades	Scarifiers
Breakers	Scrapers
Brushcat™ Rotary Cutters	Seeders
Brush Saws	Skeleton Buckets
Bucket Adapters	Snow & Light Material Buckets
Combination Buckets	Buckets
Concrete Mixers	Snow Blades
Construction / Industrial Buckets	Snow Blowers
Cutter Crushers	Snow Pushers
Diggers	Snow V-Blades
Dozer Blades	Sod Layers
Drop Hammers	Soil Conditioners
Dumping Hoppers	Spare Wheels
Fertilizer and Grain Buckets	Spreaders
Flail Cutters	Steel Tracks
General Purpose (GP) Bucket	Stump Grinders
Graders	Sweepers
Grapples, Industrial	Tillers
Landplanes	Tilt-Tatch
Landscape Rakes	Tree Transplanters
Laser Equipment	Trench Compactors
Low Profile Buckets	Trenchers
Miscellaneous	Utility Forks
Mixing Buckets	Utility Frames
Mowers	Vibratory Rollers
Packer Wheels	Water Kits
Pallet Fork Accessories	Whisker Brooms
Pallet Forks, Hydraulic	Wood Chippers

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.



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