



Bobcat®

SKID-STEER LOADER

S510

Operating Weight	2686 kg
Engine Power	36.5 kW
Rated Operating Capacity	810 kg



One Tough Animal.

S510 - SPECIFICATIONS

Performance

Tipping load (ISO 14397-1)	1619 kg
Rated operating capacity (ISO 14397-1)	810 kg
Pump capacity	64.7 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/V2403 (iT4)
Fuel	Diesel
Cooling	Liquid
Power at 2700 RPM (SAE J1995 Gross)	36.5 kW (48.9 HP)
Torque at 1600 RPM (SAE J1995 Gross)	158.6 Nm
Number of cylinders	4
Displacement	2433 cm ³
Fuel tank	93.7 L

Weights

Operating weight	2686 kg
Shipping weight without bucket	2342 kg

Controls

Vehicle steering	Hand levers or optional Selectable Joystick Controls (SJC)
Loader hydraulics tilt and lift	Foot pedals or optional Selectable Joystick Controls (SJC)
Front auxiliary (standard)	Proportional switch on hand levers or optional Selectable Joystick Controls (SJC)

Drive System

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

Bobcat Interlock Control System (BICS)	Cushioned lift and tilt cylinders
Parking brake	Lift arm support
Operator cab ¹ dome light and electrical power port	Engine/hydraulics system shutdown
Operating lights, front and rear	Spark arrester
Standard seat	Automatically activated glow plugs
Seat belt	Electrically activated proportional front auxiliary hydraulics
Seat bar	Auxiliary hydraulics: variable flow/maximum flow
10x16.5, 10-ply, Heavy duty tyres	Manual
Bob-Tach™ frame	Back-up alarm
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

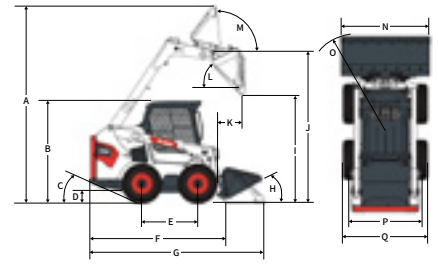
Deluxe pressurized cab with heating	2 speed
Selectable Joystick Controls (SJC-R/C Ready)	Power Bob-Tach™
Cloth suspension seat	Radio
10x16.5, 10-ply, Heavy duty tyres, offset rims	Beacon
10x16.5, 10-ply, Severe duty tyres	Road option
7-pin attachment control	Automatic ride control
Noise reduction kit	Automatic reversing fan
Deluxe instrument panel	Custom paint color (min order of 5 units)
Keyless start with password capability	Suspension seat
Hydraulic bucket positioning (including ON/OFF switch)	



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Dimensions

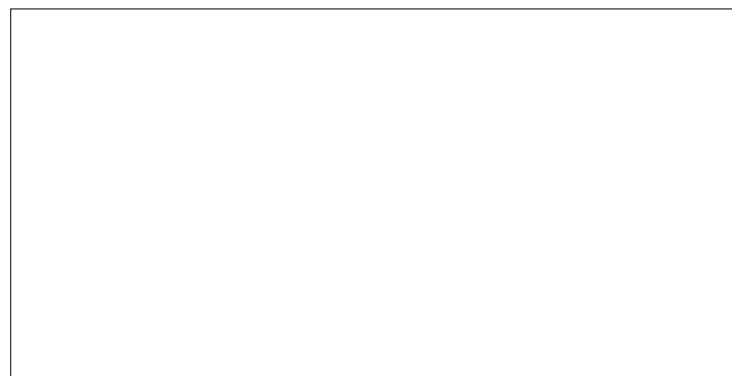


(A)	3787.0 mm	(J)	2908.0 mm
(B)	1972.0 mm	(K)	467.0 mm
(C)	24.2°	(L)	42.0°
(D)	185.0 mm	(M)	97.0°
(E)	1082.0 mm	(N)	1727.0 mm
(F)	2657.0 mm	(O)	2032.0 mm
(G)	3378.0 mm	(P)	1374.0 mm
(H)	30.0°	(Q)	1643.0 mm
(I)	2205.0 mm		

Attachments

Angle broom	Pallet fork
Auger	Planer
Backhoe	Rock bucket
Bale fork	Scarifier
Blades — box, dozer, snow, snow v-blade	Scraper
Breaker, hydraulic	Seeder
Brush saw	Snow pusher
Brushcat™ rotary cutter	Snowblower
Bucket adapter	Sod layer
Buckets	Soil conditioner
Chipper	Spreader
Combination bucket	Stabilizer, rear
Concrete mixer	Steel tracks
Digger	Sweeper
Drop hammer	Three-point hitch adapter
Dumping hopper	Tiller
Flail cutter	Tilt-Tatch™
Grader	Tree spade
Grapples — farm / utility, industrial, root	Trench compactor
Landplane	Trencher
Landscape rake	Utility fork
Laser equipment	Utility frame
Mower	Vibratory roller
Packer wheel	Water kit
	Whisker broom

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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