

S510

SKID STEER LOADERS K-Series M-Series R-Series

MEA, CIS



One Tough Animal

S510 – SPECIFICATIONS

Performance

Tipping load (ISO 14397-1)	1619 kg
Rated operating capacity (ISO 14397-1)	810 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 / V2403-MDI-E3
Fuel	Diesel
Cooling	Liquid
Power at 2700 RPM:	34.4 kW
Torque at 1425 RPM (SAE J1995 Gross)	158.6 Nm
Number of cylinders	4
Displacement	2433 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
Loader hydraulics tilt and lift	Separate foot pedals 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

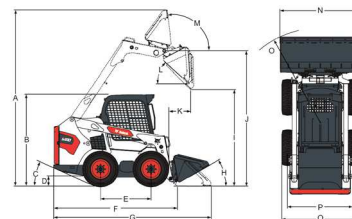
10 x 16.5, 10-ply, Heavy duty tyres	Parking brake
Automatically activated glow plugs	Spark arrestor muffler
Auxiliary hydraulics: variable flow/maximum flow	Standard Cab with rear window ¹
Bob-Tach™ frame	Standard Seat
Bobcat Interlock Control System (BICS)	Seat belt
Electrically activated proportional front auxiliary hydraulics	Seat bar
Engine/hydraulics system shutdown	Work lights, front and rear
Manual	Warranty: 24 months or 2000 hours (whichever occurs first)
Lift arm support	Note: Standard features depends on country selection.

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, Versatile duty tyres	Deluxe operator cab with windows
10 x 16.5, 10-ply, Heavy duty tyres, offset rims	Exhaust Shield
10 x 16.5, 10-ply, Severe duty tyres	Fire extinguisher
12 x 16.5, Solid flex tyres	High-Flow hydraulics
31 x 12-16.5, 10-ply, Superflotation tyres	Power Bob-Tach™
Attachment control device	Radio
Automatic Ride Control	Road Option
Automatic Reversing Fan	Sound option
Back-up alarm	Suspension seat
Beacon	Selectable Joystick Controls (SJC)
Bucket positioning kit	Strobe
Cloth Suspension Seat	Tailgate lock kit
Custom paint color (min order of 5 units)	2 Speed
Deluxe instrument panel	EAC certification
Deluxe pressurized cab with heating	

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	(Q*)	1520.0 mm

Attachments

Angle Brooms	Mixing Buckets
Auger Accessories	Mowers
Augers	Pallet Fork Accessories
Backhoes	Pallet Forks, Hydraulic
Bale Forks	Root Grapples
Box Blades	Scarifiers
Breaker Accessories	Scrapers
Breakers	Skeleton Buckets
Brushcat™ Rotary Cutters	Snow & Light Material Buckets
Brush Saws	Snow Blades
Combination Buckets	Snow Pushers
Concrete Mixers	Snow V-Blades
Construction / Industrial Buckets	Sod Layers
Diggers	Soil Conditioners
Dozer Blades	Spreaders
Drop Hammers	Steel Tracks
Dumping Hoppers	Stump Grinders
Fertilizer and Grain Buckets	Sweepers
Flail Cutters	Tillers
General Purpose (GP) Bucket	Tilt-Tatch
Graders	Tree Transplanters
Grapples, Industrial	Trench Compactors
Landplanes	Utility Forks
Landscape Rakes	Vibratory Rollers
Laser Equipment	Whisker Brooms
Low Profile Buckets	Wood Chippers
Miscellaneous	

Certain specifications are based on engineering calculations and are not actual measurements. Specifications are provided for comparison purposes only and are subject to change without notice. Specifications 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. *Financing options may vary by country and dealer. Always ask your dealer about currently available financing options. Terms and conditions may apply.



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Doosan Bobcat EMEA,
U Kodetky 1810, 263 12 Dobříš, Czech Republic

