Bobcat.

S510 Loaders

Dimensions

Specifications

Performance	
Tipping load (ISO 14397-1) Rated operating capacity (ISO 14397-1) Pump capacity Pump capacity (with high flow option) System relief at quick couplers Max. travel speed (high range - option) Max. travel speed (low range)	1703 kg 851 kg 64.70 L/min 101.10 L/min 23.8-24.5 MPa 17.3 km/h 11.8 km/h
Engine	
Make / Model Fuel Cooling Power at 2600 RPM (ISO 14396) Torque at 1800 RPM (ISO 14396) Number of cylinders Displacement Fuel tank	Bobcat 2.4L, 97/68 EC Stage V Diesel Liquid 41.0 kW 204.0 Nm 4 2392 cm ³ 93.70 L
Weights	
Operating weight Shipping weight	2816 kg 2431 kg
Controls	
Vehicle steering Loader hydraulics tilt and lift Front auxiliary (standard)	Hand Levers or optional Selectable Joystick Controls (SJC) Foot Pedals or optional Selectable Joystick Controls (SJC) Proporcional 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
Standard Features	
SAE-J1043 and ISO 3449, Level I	Bob-Tach [™] frame Cushioned lift and tilt cylinders Lift arm support Engine/hydraulics system shutdown Spark Arrester Automatically activated glow plugs Electrically activated proportional front auxiliary hydraulics Auxiliary hydraulics: variable flow/maximum flow Machine IQ (telematic) Manual CE certification Warranty: 24 months or 2000 hours (whichever occurs first) nd ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of
Options Deluxe pressurized cab with heating	2 Speed
Delake proceatized oub with houting	2 00000

(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
	achments er Accessories ers	Plane	r Accessories

Aug Augers Backhoes Bale Forks Box Blades Breaker Accessories Breakers Brushcat[™] Rotary Cutters Brush Saws **Combination Buckets Concrete Mixers** Construction / Industrial Buckets Diggers Dozer Blades **Drop Hammers** Dumping Hoppers Flail Cutters Graders Grapples, Industrial Landplanes Landscape Rakes Laser Equipment Low Profile Buckets Miscellaneous Mixing Buckets Mowers Pallet Fork Accessories Pallet Forks, Hydraulic

s **Rear Stabilizers** Remote Control **Root Grapples** Scarifiers Scrapers Seeders Skeleton Buckets Snow Blades Snow Pushers Snow V-Blades Sod Layers Soil Conditioners Spreader Spreaders Steel Tracks Stump Grinders Sweepers Tillers Tilt-Tatch Tree Transplanters Trench Compactors Utility Forks Utility Frames Vibratory Rollers Wood Chippers

Deluxe pressurized cab with heating	2 Speed
Deluxe pressurized cab with HVAC	Power Bob-Tach™
Selectable Joystick Controls (SJC - R/C Ready)	Back-up alarm
Cloth Suspension Seat	Radio
10 x 16.5, 10-ply, Heavy duty tyres, offset rims	Beacon
10 x 16.5, 10-ply, Versatile duty tyres	Work Lights LED
10 x 16.5, 10-ply, Severe duty tyres	Road Option
31 x 10 - 20, Industrial duty tyres	Automatic Ride Control
High-flow auxiliary hydraulics	Automatic Reversing Fan
7-pin attachment control	Custom paint color (min order of 5 units)
Environmental	

Operator LpA(98/37 & 474-1) 86 dB(A) Noise level LWA(EU Directive 2000/14/EC) 98 dB(A) Whole body vibration (ISO 2631-1) High speed 0.78 ms⁻² Whole body vibration uncertainty 0.39 ms⁻² Hand-arm vibration (ISO 5349-1) High speed 1.29 ms⁻²