

S510 Loaders

Dimensions

(A)

(B) (C)

(D)

(E) (F)

(G)

ÌΗ)

(I)

3787.0 mm

1972.0 mm 24.2°

185.0 mm

1082.0 mm

2657.0 mm 3378.0 mm

2205.0 mm

30.0°

Specifications

(J)

(K)

(L)

(M)

(N)

(O)

(P)

(Q)

2908.0 mm

467.0 mm

1727.0 mm

2032.0 mm

1374.0 mm

1643.0 mm

42.0°

97.0°

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	
Bobcat Interlock Control System (BICS) Parking brake Deluxe operator cab* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light and electrical power port ¹ Noise reduction kit Operating lights, front and rear Deluxe instrument panel Keyless start with password capability Suspension seat Seat belt Seat bar Hydraulic bucket positioning (including ON/OFF switch) 10 x 16.5, 10–ply, Heavy duty tyres 1. Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 ar SAE-J1043 and ISO 3449, Level I Options	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) d ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of
Deluxe pressurized cab with heating	2 Speed
Deluxe pressurized cab with HVAC	Power Bob-Tach™ Book up alarm

Back-up alarm Radio Beacon Road Option Automatic Ride Control Automatic Reversing Fan

dB(A)

Custom paint color (min order of 5 units)

(1) 2203.0 11111		
Attachments		
Angle Brooms	Mixing Buckets	
Auger Accessories	Mowers	
Augers	Pallet Fork Accessories	
Backhoes	Pallet Forks, Hydraulic	
Bale Forks	Remote Control	
Box Blades	Root Grapples	
Breaker Accessories	Scarifiers	
Breakers	Scrapers	
Brushcat™ Rotary Cutters	Skeleton Buckets	
Brush Saws	Snow & Light Material	
Combination Buckets	Buckets	
Concrete Mixers	Snow Blades	
Construction / Industrial	Snow Pushers	
Buckets	Snow V-Blades	
Diggers	Sod Layers	
Dozer Blades	Soil Conditioners	
Drop Hammers	Spreaders	
Dumping Hoppers	Steel Tracks	
Fertilizer and Grain Buckets	Stump Grinders	
Flail Cutters	Sweepers	
General Purpose (GP)	Tillers	
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		

Deluxe pressurized cab with heating	
Deluxe pressurized cab with HVAC	
Selectable Joystick Controls (SJC - R/C Ready)	
Cloth Suspension Seat	
10 x 16.5, 10-ply, Heavy duty tyres, offset rims	
10 x 16.5, 10-ply, Versatile duty tyres	
10 x 16.5, 10-ply, Severe duty tyres	
31 x 10 - 20, Industrial duty tyres	
High-flow auxiliary hydraulics	
7-pin attachment control	

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