

S510 Loaders

Specifications

Machine Rating

Cab enclosure with heating

10 x 16.5, 10-ply, Heavy duty tyres, offset rims

10 x 16.5, 10–ply, Freavy duty tyres, onset mins 10 x 16.5, 10–ply, Severe duty tyres 12 x 16.5, 12–ply, Severe duty tyres, poly filled 12 x 16.5, 50–ply, Severe duty tyres, poly filled

31 x 12-16.5, 10–ply, Superflotation tyres Advanced Control System (ACS)

Advanced Hand Controls (AHC)

Machine Rating	
Rated operating capacity (ISO 14397-1) Tipping load (ISO 14397-1) Pump capacity System relief at quick couplers Max. travel speed (high range - option)	810 kg 1619 kg 64.70 L/min 23.8-24.5 MPa 17.3 km/h
Max. travel speed (low range)	11.8 km/h
Engine	
Make / Model Fuel	Kubota / V2203-M-DI-E2B-BC-3 Diesel
Cooling	Liquid
Power (SAE J1995) at 2800 RPM:	36.4 kW
Torque (SAE J 1995) at 1700 RPM:	150.0 Nm
Number of cylinders	4
Displacement	2196 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 or
	optional Advanced Control System (ACS), Advanced
	Hand Controls (AHC) or Selectable Joystick Controls (SJC)
Loader hydraulics tilt and lift	Separate foot pedals or optional Advanced Control
	System (ACS), Advanced Hand Controls (AHC) or Selectable Joystick Controls (SJC)
Front auxiliary (standard)	Electrical switch on right-hand steering lever
Drive System	
Transmission	Infinitely variable tandom hydrostatic nicton nymps, driving
	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Standard Features	
	Lift arm cupport
Cushion suspension seat Automatically activated glow plugs	Lift arm support Noise reduction kit
Auxiliary hydraulics: variable flow/maximum flow	Work lights, front and rear
Bob-Tach™ frame	Parking brake
Bobcat Interlock Control System (BICS)	Seat belt
Deluxe operator cab with windows ¹	Seat bar
Electrically activated proportional front auxiliary hydraulics	Spark arrestor muffler
Engine/hydraulics system shutdown	10 x 16.5, 10–ply, Heavy duty tyres
Hydraulic bucket positioning (including ON/OFF switch)	CE certification
Instrumentation	Warranty: 12 months or 2000 hours (whichever occurs first)
 Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 a SAE-J1043 and ISO 3449, Level I 	and ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of
Options	
Deluxe instrument panel	Selectable Joystick Controls (SJC)
Power Bob-Tach™	Two speed
Cab analogues with booting	Air ride east with 2 point east halt

Beacon

Radio Road kit

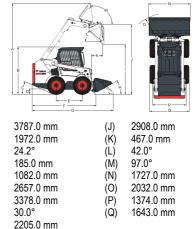
Strobe

Back-up alarm

Engine block heater Fire extinguisher

Air ride seat with 2 point seat belt

Dimensions



tachments

gle Brooms igers ickhoes le Forks x Blades eakers ushcat™ Rotary Cutters ush Saws icket Adapters mbination Buckets oncrete Mixers onstruction / Industrial ickets itter Crushers gers zer Blades op Hammers mping Hoppers rtilizer and Grain Buckets ail Cutters eneral Purpose (GP) icket aders apples, Industrial ndplanes ndscape Rakes ser Equipment w Profile Buckets scellaneous xing Buckets Mowers Packer Wheels Pallet Forks, Hydraulic

Pallet Forks, Standard Planers Rear Stabilizers **Root Grapples** Scarifiers Scrapers Seeders Skeleton Buckets Snow & Light Material Buckets Snow Blades Snow Blowers Snow Pushers Snow V-Blades Sod Layers Soil Conditioners Spare Wheels Spreaders Steel Tracks Stump Grinders Sweepers Tillers Tilt-Tatch Tree Transplanters **Trench Compactors** Trenchers Utility Forks Utility Frames Vibratory Rollers Water Kits Whisker Brooms Wood Chippers