



S590 Loaders

Specifications

Machine Rating

Rated operating capacity (ISO 14397-1)	967 kg
Tipping load (ISO 14397-1)	1935 kg
Pump capacity	64.70 L/min
Pump capacity (with high flow option)	101.10 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	Bobcat / D24
Compliance	97/68 EC Stage IIIB
Fuel	Diesel
Cooling	Liquid
Power at 2600 RPM	49.2 kW
Torque at 1800 RPM (SAE J1995 Gross)	245.0 Nm
Number of cylinders	4
Displacement	2392 cm ³
Fuel tank	93.70 L

Weights

Operating weight	2991 kg
Shipping weight	2692 kg

Controls

Vehicle steering	Direction and speed controlled by two hand levers or optional Advanced Control System (ACS) or Selectable Joystick Controls (SJC)
Loader hydraulics tilt and lift	Separate foot pedals or optional Advanced Control System (ACS) 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	Hydraulic bucket positioning (including ON/OFF switch)
3-point seat belt	Instrumentation
Bobcat Interlock Control System (BICS)	Lift arm support
Bob-Tach™ frame	Parking brake
CE certification	Seat bar
Deluxe operator cab with windows ¹	Turbo-charger with approved spark arrestor
Electrically activated proportional front auxiliary hydraulics	Warranty: 12 months or 2000 hours (whichever occurs first)
Engine/hydraulics system shutdown	Work lights, front and rear
High-back adjustable suspension seat	

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

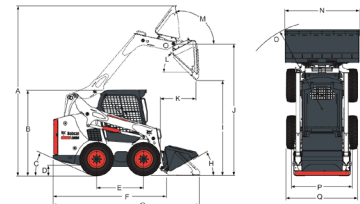
Options

Advanced Control System (ACS)	Beacon
Selectable Joystick Controls (SJC)	Strobe
Two speed	Radio
Deluxe instrument panel	Road kit
Cab enclosure with heating	10 x 16.5, 10-ply, Heavy duty tyres, offset rims
Cab enclosure with HVAC	10 x 16.5, 10-ply, Severe duty tyres
High-Flow hydraulics	10 x 16.5, 10-ply, Severe duty tyres, poly filled
Power Bob-Tach™	10 x 16.5, Solid Flex tyres
Back-up alarm	31 x 12-16.5, 10-ply, Superflotation tyres

Environmental

Operator LpA(98/37 & 474-1)	87 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	101 dB(A)
Whole body vibration (ISO 2631-1)	0.70 ms ⁻²
Hand-arm vibration (ISO 5349-1)	0.84 ms ⁻²

Dimensions



(A)	3901.0 mm	(J)	3023.0 mm
(B)	1972.0 mm	(K)	828.0 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)	2024.0 mm
(G)	3378.0 mm	(P)	1374.0 mm
(H)	30.0°	(Q)	1643.0 mm
(I)	2319.0 mm		

Attachments

Angle Brooms	Planers
Augers	Rear Stabilizers
Backhoes	Root Grapples
Bale Forks	Rotary Grinders
Box Blades	Scarifiers
Breakers	Scrapers
Brushcat™ Rotary Cutters	Seeders
Brush Saws	Skeleton Buckets
Bucket Adapters	Snow & Light Material Buckets
Combination Buckets	Snow Blades
Concrete Mixers	Snow Blowers
Concrete Pumps	Snow Pushers
Construction / Industrial Buckets	Snow V-Blades
Cutter Crushers	Sod Layers
Diggers	Soil Conditioners
Dozer Blades	Spare Wheels
Drop Hammers	Spreaders
Dumping Hoppers	Steel Tracks
Fertilizer and Grain Buckets	Stump Grinders
Flail Cutters	Sweepers
Graders	Tillers
Grapples, Industrial	Tilt-Tatch
Landplanes	Tree Transplanters
Landscape Rakes	Trench Compactors
Laser Equipment	Trenchers
Low Profile Buckets	Utility Forks
Miscellaneous	Utility Frames
Mixing Buckets	Vibratory Rollers
Mowers	Water Kits
Packer Wheels	Wheel Saws
Pallet Forks, Hydraulic	Whisker Brooms
Pallet Forks, Standard	Wood Chippers