

S590 LOADER

1T DIESEL LOADER

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, Superfloatation 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



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