S590 LOADER

1T DIESEL WHEELED LOADER

Performance

Tipping load (ISO 14397-1)	1958 kg
Rated operating capacity (ISO 14397-1)	979 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 2.4L, 97/68 EC Stage V
Fuel	Diesel
Cooling	Liquid
Power at 2600 RPM:	50.7 kW
Torque at 1800 RPM (SAE J1995 Gross):	252.0 Nm
Number of cylinders	4
Displacement	2392 cm^3
Fuel tank	93.70 L

Weights

Operating weight	3127 kg
Shipping weight	2751 kg

Controls

Vehicle steering	Selectable Joystick Controls (SJC) or optional Hand Levers
Loader hydraulics tilt and lift	Selectable Joystick Controls (SJC) or optional Foot Pedals
Front auxiliary (standard)	Selectable Joystick Controls (SJC) or optional Proporcional switch on Hand Levers

Drive System

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors

Standard Features

10 x 16.5, 10–ply, Versatile duty tyres	Seat bar
Selectable Joystick Controls (SJC - R/C Ready)	Hydraulic bucket positioning (including ON/OFF switch)
High-flow auxiliary hydraulics	Bob-Tach™ frame
7-pin attachment control	Cushioned lift and tilt cylinders
2 Speed	Lift arm support
Bobcat Interlock Control System (BICS)	Engine/hydraulics system shutdown
Parking brake	Spark Arrester
Deluxe operator cab* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light and electrical power port [1]	Automatically activated glow plugs
	Electrically activated proportional front auxiliary hydraulics
	Auxiliary hydraulics: variable flow/maximum flow
Noise reduction kit	Machine IQ (telematic)
Operating lights, front and rear	Manual
Deluxe instrument panel	CE certification
Keyless start with password capability	Warranty: 24 months or 2000 hours (whichever occurs first)
Suspension seat	
Seat belt	

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

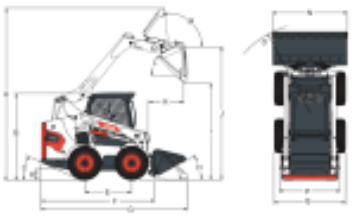
Options

Deluxe pressurized cab with heating	Radio
Deluxe pressurized cab with HVAC	Beacon
Cloth Suspension Seat	Work Lights LED
10 x 16.5, 10–ply, Heavy duty tyres, offset rims	Strobe
31 x 12-16.5, 10–ply, Superflotation tyres	Road Option
10 x 16.5, 10–ply, Severe duty tyres	Automatic Ride Control
31 x 10 - 20, Industrial duty tyres	Automatic Reversing Fan
Power Bob-Tach™	Custom paint color (min order of 5 units)
Back-up alarm	

Environmental

Operator LpA(98/37 & 474-1)	86 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	101 dB(A)
Whole body vibration (ISO 2631–1) High speed	0.89 ms^{-2}
Whole body vibration uncertainty	0.43 ms^{-2}
Hand-arm vibration (ISO 5349–1) High speed	1.58 ms^{-2}

Dimensions



(A)	3901.0 mm	(J)	3023.0 mm
(B)	1972.0 mm	(K)	818.0 mm
(C)	24.2°	(L)	42.0°
(D)	228.0 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)	2319.0 mm	(Q*)	1520.0 mm

Attachments

Auger Accessories	Planers
Augers	Rear Stabilizers
Backhoes	Remote Control
Bale Forks	Root Grapples
Box Blades	Rotary Grinders
Breaker Accessories	Scarifiers
Breakers	Scrapers
Brushcat™ Rotary Cutters	Seeders
Brush Saws	Skeleton Buckets
Combination Buckets	Snow Blades
Concrete Mixers	Snow Pushers
Concrete Pumps	Snow V-Blades
Construction / Industrial Buckets	Sod Layers
	Soil Conditioners
Diggers	Spreader
Dozer Blades	Spreaders
Drop Hammers	Steel Tracks
Dumping Hoppers	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	Wheel Saws
Pallet Fork Accessories	Wood Chippers
Pallet Forks, Hydraulic	
Planer Accessories	

Disclaimer: Specifications are indicative only and may vary between model years or individual units. For equipment hire, we will supply the same or an equivalent model that is fit for the disclosed purpose.