



Bobcat®

**SKID STEER LOADERS
S850**



One Tough Animal®

S850 — SPECIFICATIONS

Machine Rating

Rated operating capacity (ISO 14397-1)	1850 kg
Tipping load (ISO 14397-1)	3700 kg
Pump capacity	87.10 L/min
Pump capacity (with high flow option)	138.50 L/min
System relief at quick couplers	23.8-24.5 MPa
Max. travel speed (high range - option)	19.8 km/h
Max. travel speed (low range)	11.4 km/h

Engine

Make / Model	Bobcat / D34
Compliance	97/68 EC Stage IV
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM (ISO 14396 Gross)	68.7 kW
Torque at 1600 RPM (SAE J1995 Gross)	355.3 Nm
Number of cylinders	4
Displacement	3409 cm ³
Fuel tank	111.60 L

Weights

Operating weight	4643 kg
Shipping weight	4223 kg

Controls

Vehicle steering	Selectable Joystick Control (SJC)
Loader hydraulics tilt and lift	Selectable Joystick Control (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

Two-speed travel	Instrumentation
Selectable Joystick Controls (SJC)	Lift arm support
High-back adjustable suspension seat	Work lights, front and rear
Automatically activated air intake heater	Parking brake
Auxiliary hydraulics: variable flow/maximum flow	Seat belt
Bob-Tach™ frame	Seat bar
Bobcat Interlock Control System (BICS)	14 x 17.5, 12-ply, Bobcat heavy duty tyres
Deluxe operator cab with windows ¹	CE certification
Electrically activated proportional front auxiliary hydraulics	Turbo-charger with approved spark arrestor
Engine/hydraulics system shutdown	Warranty: 12 months or 2000 hours (whichever occurs first)
Hydraulic bucket positioning (including ON/OFF switch)	

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

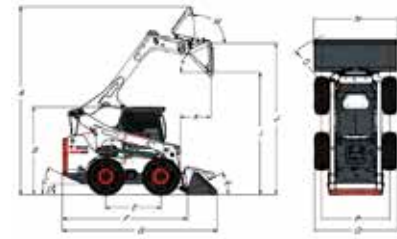
Options

Heavy duty radio	14 x 17.5, 12-ply, Severe duty tyres, poly filled
High-Flow hydraulics	14 x 17.5, Solid flex tyres
Deluxe instrument panel	Air ride seat with 3 point seat belt
Cab enclosure with heating	Back-up alarm
Air conditioning	Beacon
Power Bob-Tach™	Strobe
12 x 16.5, 12-ply, Bobcat heavy duty tyres, offset rims	

Environmental

Operator LpA(98/37 & 474-1)	82 dB(A)
Operator LpA uncertainty	2.5
Noise level LWA(EU Directive 2000/14/EC)	102 dB(A)
Whole body vibration (ISO 2631-1)	0.60 ms ⁻²
Whole body vibration uncertainty	0.3
Hand-arm vibration (ISO 5349-1)	0.71 ms ⁻²

Dimensions



(A) 4532.0 mm	(J) 3657.0 mm
(B) 2118.0 mm	(K) 754.0 mm
(C) 27.0°	(L) 42.0°
(D) 218.0 mm	(M) 98.0°
(E) 1342.0 mm	(N) 2032.0 mm
(F) 3030.0 mm	(O) 2262.0 mm
(G) 3751.0 mm	(P) 1652.0 mm
(H) 30.0°	(Q) 2005.0 mm
(I) 2951.0 mm	

Attachments

Angle Brooms	Planers
Augers	Rear Stabilizers
Backhoes	Root Grapples
Bale Forks	Rotary Grinders
Breakers	Seeders
Brushcat™ Rotary Cutters	Silt Fence Installers
Brush Saws	Skeleton Buckets
Bucket Adapters	Snow & Light Material Buckets
Concrete Pumps	Snow Blades
Construction / Industrial Buckets	Snow Blowers
Dozer Blades	Snow Pushers
Drop Hammers	Sod Layers
Dumping Hoppers	Soil Conditioners
Flail Cutters	Spare Wheels
Forestry Cutters	Spreaders
Graders	Steel Tracks
Grapples, Industrial	Stump Grinders
Landplanes	Tillers
Landscape Rakes	Tree Transplanters
Laser Equipment	Trench Compactors
Miscellaneous	Utility Frames
Mixing Buckets	Vibratory Rollers
Mowers	Water Kits
Packer Wheels	Wheel Saws
Pallet Fork Accessories	Whisker Brooms
Pallet Forks, Hydraulic	Wood Chippers
Pallet Forks, Standard	



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