



**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)	3515 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)	19.8 km/h
Max. travel speed (low range)	11.4 km/h

## Engine

Make / Model	Kubota / V3800-DI-T-E3
Fuel	Diesel
Cooling	Liquid
Maximum power at 2400 RPM (SAE J1995)	68.6 kW
Torque at 1600 RPM (SAE J1995 Gross)	315.0 Nm
Number of cylinders	4
Displacement	3769 cm <sup>3</sup>
Fuel tank	111.60 L

## Weights

Operating weight	4540 kg
Shipping weight	4254 kg

## Controls

Vehicle steering	Direction and speed controlled by two hand levers
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

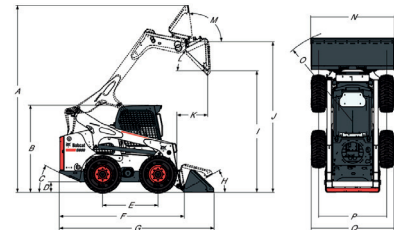
Two-speed travel	Instrumentation
Selectable Joystick Controls (SJC) or Standard Control	Lift arm support
Power Assist (SCPA)	Work lights, front and rear
High-back adjustable suspension seat	Parking brake
Automatically activated air intake heater	Seat belt
Auxiliary hydraulics: variable flow/maximum flow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

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

## 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	

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Bobcat units may show other than standard equipment.



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