



**Bobcat®**

**COMPACT LOADERS  
S850**



***One Tough Animal™***

# S850 – SPECIFICATIONS

## Machine Rating

Rated operating capacity Bobcat / ISO 14397-1	1758 kg
Tipping load	3515 kg
Pump capacity	87.10 L/min
Pump capacity (with high flow option)	153.00 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	Kubota / V3800-DI-T-E3
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM	68.6 kW
Torque at 1600 RPM (SAE J1 995 Gross)	314.5 Nm
Number of cylinders	4
Displacement	3800 cm <sup>3</sup>
Fuel tank	124.20 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)	CE certification
Deluxe operator cab* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light, and electrical power port, cup holder, storage place, horn <sup>1</sup>	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	
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

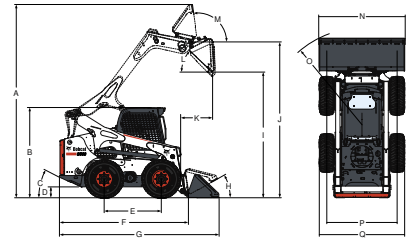
## Options

Heavy duty radio	Power Bob-Tach™
High-Flow hydraulics	12 x 16.5, 12-ply, Bobcat heavy duty tyres, offset rims
Deluxe instrument panel	14 x 17.5, 12-ply, Severe duty tyres, poly filled
Cab enclosure with heating	14 x 17.5, Solid flex tyres
Air conditioning	

## Environmental

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

## Dimensions



(A)	4532.0 mm	(J)	3657.0 mm
(B)	2118.0 mm	(K)	754.0 mm
(C)	27°	(L)	42°
(D)	218.0 mm	(M)	98°
(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°	(Q)	2005.0 mm
(I)	2951.0 mm		

## Attachments

Angle Brooms	Pallet Fork Accessories
Augers	Pallet Forks, Hydraulic
Bale Forks	Pallet Forks, Standard
Breakers	Planers
Brush Saws	Skeleton Buckets
Bucket Adapters	Snow & Light Material Buckets
Chippers	Sod Layers
Concrete Pumps	Soil Conditioners
Construction / Industrial Buckets	Spreaders
Dozer Blades	Stabilizers
Dumping Hoppers	Stump Grinders
Flail Cutters	Tree Transplanters
Forestry Cutters	Utility Frames
Graders	Vibratory Rollers
Grapples, Industrial	Water Kits
Mowers	Wheel Saws

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.



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