



Bobcat®

SKID-STEER LOADER

S850

Operating Weight	4540 kg
Engine Power	68.6 kW
Rated Operating Capacity	1850 kg



One Tough Animal®

S850 - SPECIFICATIONS

Performance

Tipping load (ISO 14397-1)	3700 kg
Rated operating capacity (ISO 14397-1)	1850 kg
Pump capacity	87.1 L/min
Pump capacity (with high flow-option)	138.2 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 (Tier3)
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM (SAE J1995 Gross)	68.6 kW (92.0 HP)
Torque at 1600 RPM (SAE J1995 Gross)	315.0 Nm
Number of cylinders	4
Displacement	3769 cm ³
Fuel tank	111.6 L

Weights

Operating weight	4540 kg
Shipping weight without bucket	4254 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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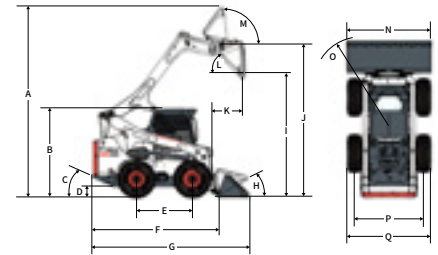
Standard Features

2 speed	Manual
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)	14x17.5, 12-ply, Bobcat heavy duty tyres
Deluxe operator cab with windows ¹	Turbo-charger with approved spark arrestor
Electrically activated proportional front auxiliary hydraulics	Back-up alarm
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	14x17.5, 12-ply, Severe duty tyres,
High-flow hydraulics	14x17.5, Solid flex tyres
Deluxe instrument panel	Air ride seat with 3 point seat belt
Deluxe pressurized cab with heating	Beacon
Air conditioning	Strobe
Power Bob-Tach™	Hydraulic bucket positioning (including ON/OFF switch)

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 broom	Pallet fork
Asphalt heater	Planer
Asphalt processor	Rear stabilizers
Auger	Rock bucket
Backhoe	Seeder
Breaker, hydraulic	Silt fence installer
Brush saw	Snow blade
Bucket adapter	Snow pusher
Buckets	Snowblower
Chipper	Sod layer
Concrete mixer	Soil conditioner
Concrete pump	Spreader
Dozer blade	Steel tracks
Drop hammer	Stump grinder
Dumping hopper	Tiller
Flail cutter	Tree spade
Forestry cutter	Trencher
Grader	Utility frame
Grapple, industrial	Vibratory roller
Grapple, root	Water kit
Landplane	Wheel saw
Landscape rake	Whisker broom
Mower	X-change™ frame
Packer wheel	



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