



Bobcat®

**SKID STEER LOADERS
S650**



One Tough Animal®

S650 — SPECIFICATIONS

Machine Rating

Rated operating capacity (ISO 14397-1)	1253 kg
Tipping load (ISO 14397-1)	2507 kg
Pump capacity	87.10 L/min
Pump capacity (with high flow option)	115.50 L/min
System relief at quick couplers	23.8-24.5 MPa
Max. travel speed (low range)	11.4 km/h

Engine

Make / Model	Bobcat / D24
Compliance	97/68 EC Stage IIIB
Fuel	Diesel
Cooling	Liquid
Power (SAE J1995) at 2600 RPM	56.0 kW
Torque at 1800 RPM (SAE J1995 Gross):	283.9 Nm
Number of cylinders	4
Displacement	2392 cm ³
Fuel tank	90.50 L

Weights

Operating weight	3657 kg
Shipping weight	3344 kg

Controls

Vehicle steering	Direction and speed controlled by two hand levers
Loader hydraulics tilt and lift	Separate foot pedals, optional Advanced Control System (ACS) or 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

High-back adjustable suspension seat	Lift arm support
Automatically activated glow plugs	Work lights, front and rear
Auxiliary hydraulics: variable flow/maximum flow	Parking brake
Bob-Tach™ frame	Seat belt
Bobcat Interlock Control System (BICS)	Seat bar
Deluxe operator cab with windows ¹	12 x 16.5, 12-ply, Heavy duty tyres
Electrically activated proportional front auxiliary hydraulics	CE certification
Engine/hydraulics system shutdown	Turbo-charger with approved spark arrestor
Hydraulic bucket positioning (including ON/OFF switch)	Warranty: 12 months or 2000 hours (whichever occurs first)
Instrumentation	

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

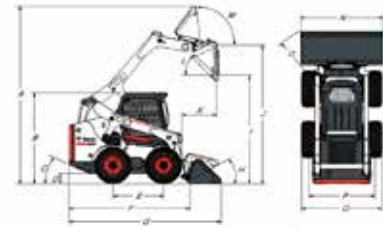
Options

Two speed	12 x 16.5, Solid flex tyres
High-Flow hydraulics	Advanced Control System (ACS)
Deluxe instrument panel	Selectable Joystick Controls (SJC)
Cab enclosure with heating	Air ride seat with 2 point seat belt
Air conditioning	Air ride seat with 3 point seat belt
Power Bob-Tach™	Back-up alarm
33 x 15.5-16.5, 12-ply, Superflotation tyres, offset rims	Beacon
12 x 16.5, 12-ply, Heavy duty tyres, offset rims	Engine block heater
12 x 16.5, 12-ply, Severe duty tyres	Fire extinguisher
12 x 16.5, 12-ply, Severe duty tyres, poly filled	Strobe

Environmental

Operator LpA(98/37 & 474-1)	85 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	101 dB(A)
Whole body vibration (ISO 2631-1)	0.90 ms ⁻²
Hand-arm vibration (ISO 5349-1)	1.40 ms ⁻²

Dimensions



(A) 4026.0 mm	(J) 3149.0 mm
(B) 2065.0 mm	(K) 800.0 mm
(C) 25.0°	(L) 42.0°
(D) 207.0 mm	(M) 97.0°
(E) 1150.0 mm	(N) 1880.0 mm
(F) 2754.0 mm	(O) 2106.0 mm
(G) 3474.0 mm	(P) 1507.0 mm
(H) 30.0°	(Q) 1832.0 mm
(I) 2447.0 mm	

Attachments

Angle Brooms	Rear Stabilizers
Augers	Root Grapples
Backhoes	Rotary Grinders
Bale Forks	Scarifiers
Box Blades	Scrapers
Breakers	Skeleton Buckets
Brushcat™ Rotary Cutters	Snow & Light Material Buckets
Brush Saws	Snow Blades
Combination Buckets	Snow Blowers
Concrete Mixers	Snow Pushers
Concrete Pumps	Snow V-Blades
Construction / Industrial Buckets	Sod Layers
Diggers	Soil Conditioners
Dozer Blades	Spare Wheels
Drop Hammers	Spreaders
Dumping Hoppers	Steel Tracks
Fertilizer and Grain Buckets	Stump Grinders
Flail Cutters	Sweepers
Forestry Cutters	Tillers
Graders	Tilt-Tatch
Grapples, Industrial	Tree Transplanters
Landplanes	Trench Compactors
Landscape Rakes	Trenchers
Laser Equipment	Utility Forks
Low Profile Buckets	Utility Frames
Miscellaneous	Vibratory Rollers
Mixing Buckets	Water Kits
Packer Wheels	Wheel Saws
Pallet Forks, Hydraulic	Whisker Brooms
Pallet Forks, Standard	Wood Chippers
Planers	



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