



# Bobcat®

## SKID-STEER LOADER

# S650

Operating Weight	3777 kg
Engine Power	55.4 kW
Rated Operating Capacity	1282 kg



*One Tough Animal.*

# S650 - SPECIFICATIONS

## Performance

Tipping load (ISO 14397-1)	2564 kg
Rated operating capacity (ISO 14397-1)	1282 kg
Pump capacity	87.1 L/min
Pump capacity (with high flow-option)	115.5 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/V3307 (IT4)
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM (SAE J1995 Gross)	55.4 kW (74.3 HP)
Torque at 1600 RPM (SAE J1995 Gross)	264.4 Nm
Number of cylinders	4
Displacement	3331 cm <sup>3</sup>
Fuel tank	90.5 L

## Weights

Operating weight	3777 kg
Shipping weight without bucket	3540 kg

## Controls

Vehicle steering	Direction and speed controlled by two hand levers
Loader hydraulics tilt and lift	Separate foot pedals 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

Automatically activated glow plugs	Lift arm support
Auxiliary hydraulics: variable flow/maximum flow	Work lights, front and rear
Bob-Tach™ frame	Parking brake
Bobcat Interlock Control System (BICS)	Seat belt
Operator cab <sup>1</sup>	Seat bar
Electrically activated proportional front auxiliary hydraulics	12x16.5, 12-ply, Heavy duty tyres
Engine/hydraulics system shutdown	Turbo-charger with approved spark arrestor
Manual	Back-up alarm

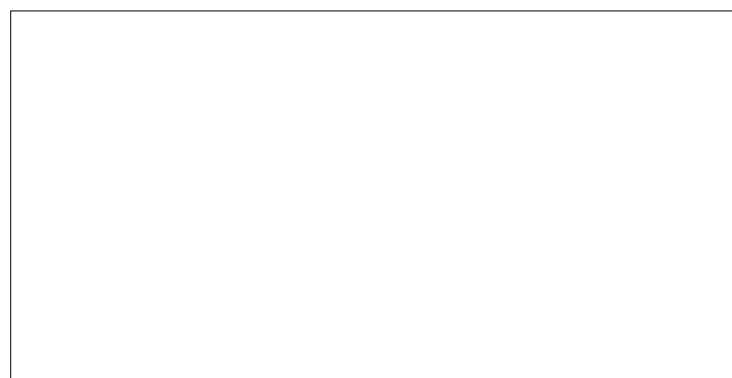
1. Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 and ISO 3471; Falling Object Protective Structure (FOPS) – meets requirements of SAE-J1043 and ISO 3449, Level I

## Options

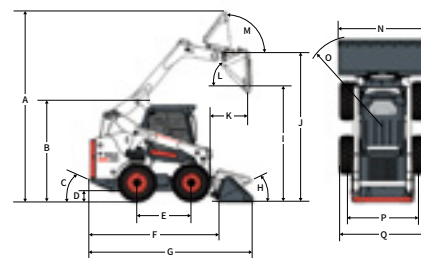
2 speed	Selectable Joystick Controls (SJC)
High-flow hydraulics	Air ride seat with 2 point seat belt
Deluxe instrument panel	Air ride seat with 3 point seat belt
Deluxe pressurized cab with heating	Beacon
Air conditioning	Engine block heater
Power Bob-Tach™	Fire extinguisher
33x15.5-16.5, 12-ply, Super flotation tyres	Strobe
12x16.5, 12-ply, Heavy duty tyres, offset rims	Deluxe operator cab with windows
12x16.5, 12-ply, Severe duty tyres	Hydraulic bucket positioning(including ON/OFF switch)
High-back adjustable suspension seat	



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## 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 broom	Rebar bender
Auger	Rock bucket
Backhoe	Scarifier
Blades – box, dozer, snow, snow v-blade	Scraper
Breaker, hydraulic	Seeder
Brush saw	Silt fence installer
Brushcat™ rotary cutter	Snow pusher
Bucket adapter	Snowblower
Buckets	Sod layer
Chipper	Soil conditioner
Combination bucket	Spreader
Concrete pump	Stabilizer, rear
Digger	Steel tracks
Drop hammer	Stump grinder
Dumping hopper	Sweeper
Flail cutter	Three-point hitch adapter
Grader	Tiller
Grapples – farm / utility, industrial, root	Tilt-Tatch™
Landplane	Tree spade
Landscape rake	Trench compactor
Laser equipment	Trencher
Mower	Utility fork
Packer wheel	Utility frame
Pallet fork	Vibratory roller
Planer	Water kit
	Wheel saw
	Whisker broom

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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