



## Bobcat S650

### Engine

Emissions Tier (EPA)	Tier 4
Engine Cooling	Liquid
Engine Fuel	Diesel
Horsepower	74 hp
Turbocharged Engine	X
Engine Model	2.4L Bobcat Engine
Engine Make	Bobcat
Cooling System	3 gal
Gross HP	74 hp
Net HP	70 hp
Number of Cylinders	4
Displacement	146 in <sup>3</sup>
Torque (SAE NET)	206.5 ft-lbf
Torque RPM	1,800 rpm
Starter Horsepower	4 hp

### Performance

Rated Operating Capacity (SAE)	2,690 lb
Tipping Load	5360 lb
Operating Weight	8061 lb
Travel Speed	7.1 mph
Travel Speed (2- speed option)	12.3 mph
Bucket Breakout Force	6,960 lbf
Lift Breakout Force (SAE)	5,490 lbf

### Capacities

Fuel Tank	23.9 gal
Engine Oil with Filter	2.4 gal
Hydraulic Reservoir	2.7 gal
Hyd System Capacity	11.9 gal
Transmission (Final Drive)	10.3 gal

### Hydraulic System

System Relief @ Quick Couplers	3,600 psi
Auxiliary Std Flow	23 gal/ min
Auxiliary High Flow	30.5 gal/ min
Pump Capacity	23 gal/ min
Raise Lift Arm	3.9 s
Lower Lift Arm	2.6 s
Bucket Dump	2.3 s
Bucket Rollback	1.7 s

### General

Contract Codes	Skid- Steer Loader
First Year of Production	2009

### Controls

Vehicle Steering	Dual Levers
Hydraulic (Lift and Tilt)	Dual Pedals
Control Option	ACS, SJC
Auxiliary Hydraulics Type	Finger tip

### Dimension

Length	136.8 in
Length without Attachment	108.4 in
Length with Standard Bucket	136.8 in
Width	72.1 in



Width (with bucket)	74 in
Height	81.3 in
Height with Operator Cab	81.3 in
Height to Bucket Hinge Pin	124 in
Reach @ Maximum Height	31.5 in
Turning Radius	82.9 in
Wheelbase	45.3 in
ROC with Counterweight Option	2590 lb
Dump Angle @ Maximum Height	42°
Ground Clearance	0.68 ft

## Features

Joystick Control	X
Air Conditioning	X
Adjustable Seat	☒
Backup Alarm	☒
BICS System (Interlock)	☒
Cab Enclosure	X
Sound Option	X
Cab Heater	X
Operating Lights	☒
Parking Brake	☒
Radio	X
Rear Window	☒
Top Window	☒
Lift-Arm Support	☒
Seat Belt	☒
Suspension Seat	X
Two Speed Travel	X
Deluxe Instrumentation	X
Engine Shutdown	☒
Hydraulic Bucket Positioning	X
High Flow Option	X
Auxiliary Hydraulics	☒
Spark Arrestor Muffler	☒
Bob-Tach Attachment System *	☒
Power Bob-Tach *	X
ACS (Switchable Controls)	X
Ride Control	X
Rear Hydraulics	X
Horn	☒

Some specifications 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 equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.