



S650 | Compact Loaders



Machine Rating

Rated operating capacity (Bobcat)	1282 kg
Tipping load	2564 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 (high range - option)	19.8 km/h
Max. travel speed (low range)	11.4 km/h

Engine

Make / Model	Kubota / V3307-DI-TE3
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM (SAE J1995)	55.4 kW
Torque, maximum at 1600 RPM (SAE J1 995 Gross)	264.0 Nm
Number of cylinders	4
Displacement	3331 cm ³
Fuel tank	103.30 L

Weights

Operating weight	3777 kg
Shipping weight	3540 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), Advanced Hand Control (AHC) 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* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light, and electrical power port, cup holder, storage place, horn 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

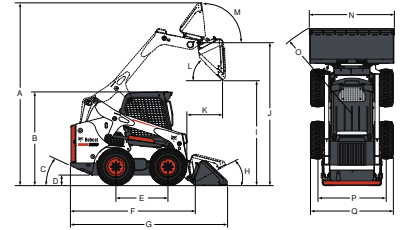
Options

Two speed	Advanced Control System (ACS)
High-Flow hydraulics	Advanced Hand Controls (AHC)
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
12 x 16.5, Solid flex tyres	

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°	(L)	42°
(D)	207.0 mm	(M)	97°
(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°	(Q)	1832.0 mm
(I)	2447.0 mm		

Attachments

Angle Brooms	Pallet Forks, Hydraulic
Augers	Pallet Forks, Standard
Backhoes	Planers
Bale Forks	Rotary Cutters
Box Blades	Scarifiers
Breakers	Scrapers
Brush Saws	Skeleton Buckets
Bucket Adapters	Snow & Light Material Buckets
Chippers	Snow Blades
Combination Buckets	Snowblowers
Concrete Pumps	Snow V-Blades
Construction / Industrial Buckets	Sod Layers
Diggers	Soil Conditioners
Dozer Blades	Spreaders
Dumping Hoppers	Stabilizers
Fertilizer Buckets	Stump Grinders
Flail Cutters	Sweepers
Graders	Tillers
Grapples, Farm - Utility	Tilt-Tatch
Grapples, Industrial	Tracks
Landplanes	Trench Compactors
Landscape Rakes	Trenchers
Low Profile Buckets	Utility Frames
Miscellaneous	Vibratory Rollers
Mowers	Water Kits
Pallet Fork Accessories	Wheel Saws



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