



# Bobcat®

## SKID STEER LOADERS S450



***One Tough Animal®***



# S450 — SPECIFICATIONS

## Performance

Tipping load (ISO 14397-1)	1308 kg
Rated operating capacity (ISO 14397-1)	654 kg
Pump capacity	63.20 L/min
System relief at quick couplers	22.4-23.1 MPa
Max. travel speed (high range - option)	14.8 km/h
Max. travel speed (low range)	11.4 km/h

## Engine

Make / Model	Bobcat 2.4L, 97/68 EC Stage V
Fuel	Diesel
Cooling	Liquid
Power at 2600 RPM (ISO 14396)	36.5 kW
Torque at 1800 RPM (ISO 14396)	182.2 Nm
Number of cylinders	4
Displacement	2393 cm <sup>3</sup>
Fuel tank	53.80 L

## Weights

Operating weight	2436 kg
Shipping weight	2221 kg

## Controls

Vehicle steering	Hand Levers or optional Selectable Joystick Controls (SJC)
Loader hydraulics tilt and lift	Foot Pedals or optional Selectable Joystick Controls (SJC)
Front auxiliary (standard)	Proportional switch on Hand Levers or optional Selectable Joystick Controls (SJC)

## Drive System

Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
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## Standard Features

Bobcat Interlock Control System (BICS)	Cushioned lift and tilt cylinders
Parking brake	Lift arm support
Deluxe operator cab* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light and electrical power port <sup>1</sup>	Engine/hydraulics system shutdown
Noise reduction kit	Spark Arrester
Operating lights, front and rear	Automatically activated glow plugs
Deluxe instrument panel	Electrically activated proportional front auxiliary hydraulics
Keyless start with password capability	Auxiliary hydraulics: variable flow/maximum flow
Suspension seat	Machine IQ (telematic)
Seat belt	Manual
Seat bar	CE certification
10 x 16.5, 10-ply, Heavy duty tyres	Warranty: 24 months or 2000 hours (whichever occurs first)
Bob-Tach™ frame	

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

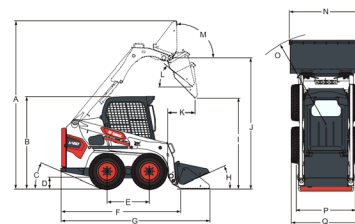
## Options

Deluxe pressurized cab with heating	Power Bob-Tach™
Deluxe pressurized cab with HVAC	Radio
Selectable Joystick Controls with 2 Speed (SJC - R/C Ready)	Strobe
Cloth Suspension Seat	Back-up alarm
10 x 16.5, 10-ply, Versatile duty tyres	Beacon
31 x 10 - 20, Industrial duty tyres	Road Option
10 x 16.5, 10-ply, Severe duty tyres	Custom paint color (min order of 5 units)
Hydraulic bucket positioning (including ON/OFF switch)	

## Environmental

Operator LpA(98/37 & 474-1)	86 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	98 dB(A)
Whole body vibration (ISO 2631-1) High speed	0.78 ms <sup>-2</sup>
Whole body vibration uncertainty	0.39 ms <sup>-2</sup>
Hand-arm vibration (ISO 5349-1) High speed	1.29 ms <sup>-2</sup>

## Dimensions



(A)	3558.0 mm	(I)	2157.0 mm
(B)	1976.0 mm	(J)	2781.0 mm
(C)	23.0°	(K)	587.0 mm
(D)	214.0 mm	(L)	40.0°
(E)	900.0 mm	(M)	91.0°
(F)	2499.0 mm	(N)	1575.0 mm
(G)	3172.0 mm	(O)	1940.6 mm
(H)	26.0°		

## Attachments

Angle Brooms	Miscellaneous
Auger Accessories	Mowers
Augers	Pallet Fork Accessories
Backhoes	Pallet Forks, Hydraulic
Bale Forks	Remote Control
Breaker Accessories	Root Grapples
Breakers	Scarifiers
Brushcat™ Rotary Cutters	Scrapers
Brush Saws	Skeleton Buckets
Combination Buckets	Snow & Light Material Buckets
Concrete Mixers	Buckets
Construction / Industrial Buckets	Snow Blades
Diggers	Snow Pushers
Dozer Blades	Snow V-Blades
Dumping Hoppers	Sod Layers
Fertilizer and Grain Buckets	Soil Conditioners
Flail Cutters	Spreaders
General Purpose (GP)	Sweepers
Bucket	Tillers
Graders	Tilt-Tatch
Grapples, Industrial	Utility Forks
Landplanes	Vibratory Rollers
Landscape Rakes	Whisker Brooms
Laser Equipment	Wood Chippers
Low Profile Buckets	

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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