



COMPACT LOADERS  
S450



***One Tough Animal™***

# S450 – SPECIFICATIONS

## Machine Rating

Rated operating capacity (Bobcat)	608 kg
Tipping load	1215 kg
Pump capacity	64.00 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	Kubota / V2203-M-DI-E2B-BC-3
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM	36.4 kW
Torque at 1425 RPM (SAE J1 995 Gross)	150.0 Nm
Number of cylinders	4
Displacement	2196 cm <sup>3</sup>
Fuel tank	54.50 L

## Weights

Operating weight	2240 kg
Shipping weight	2052 kg

## Controls

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

Cushion suspension seat	Lift arm support
Automatically activated glow plugs	Noise reduction kit
Auxiliary hydraulics: variable flow/maximum flow	Operating lights, front and rear
Bob-Tach™ frame	Parking brake
Bobcat Interlock Control System (BICS)	Seat belt
10 x 16.5, 10-ply, Heavy duty tyres	Seat bar
Deluxe operator cab* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light, and electrical power port <sup>1</sup>	Spark arrestor muffler
Electrically activated proportional front auxiliary hydraulics	CE certification
Engine/hydraulics system shutdown	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

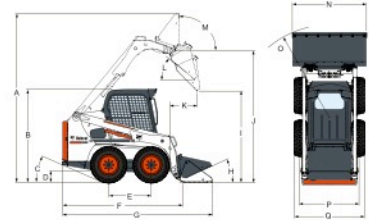
## Options

Deluxe instrument panel	10 x 16.5, Solid Flex tyres
Power Bob-Tach™	Advanced Control System (ACS)
Cab enclosure	Selectable Joystick Controls (SJC)
Cab enclosure with heating	Air ride seat with 2 point seat belt
Cab enclosure with HVAC	Radio
Hydraulic bucket positioning (including ON/OFF switch)	Strobe
10 x 16.5, 10-ply, Severe duty tyres	Back-up alarm
10 x 16.5, 12-ply, Severe duty tyres, poly filled	Beacon

## Environmental

Operator LpA(98/37 & 474-1)	87 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	101 dB(A)
Whole body vibration (ISO 2631-1) High speed	1.29 ms <sup>-2</sup>
Whole body vibration uncertainty	0.52 ms <sup>-2</sup>
Hand-arm vibration (ISO 5349-1) High speed	1.73 ms <sup>-2</sup>

## Dimensions



(A)	3558.0 mm	(J)	2781.0 mm
(B)	1976.0 mm	(K)	587.0 mm
(C)	23°	(L)	40°
(D)	214.0 mm	(M)	96°
(E)	900.0 mm	(N)	1575.0 mm
(F)	2502.0 mm	(O)	1940.6 mm
(G)	3172.0 mm	(P)	1221.7 mm
(H)	26°	(Q)	1490.0 mm
(I)	2157.0 mm		

## Attachments

Angle Brooms	Pallet Forks, Standard
Augers	Planers
Backhoes	Root Grapples
Bale Forks	Scarifiers
Breakers	Scrapers
Brush Saws	Seeders
Bucket Adapters	Skeleton Buckets
Concrete Mixers	Snow & Light Material Buckets
Construction / Industrial Buckets	Snow Blades
Cutter Crushers	Snowblowers
Diggers	Snow Pushers
Dozer Blades	Snow V-Blades
Dumping Hoppers	Sod Layers
Fertilizer Buckets	Soil Conditioners
Flail Cutters	Spare Wheels
General Purpose Buckets	Spreaders
Graders	Stabilizers
Grapples, Industrial	Sweepers
Landplanes	Tillers
Landscape Rakes	Tilt-Tatch
Laser Equipment	Tracks
Low Profile Buckets	Trenchers
Miscellaneous	Utility Forks
Mowers	Utility Frames
Packer Wheels	Vibratory Rollers
Pallet Fork Accessories	Water Kits
Pallet Forks, Hydraulic	Whisker Brooms

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.

**DOOSAN**

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**Bobcat**®

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