

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 ³
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
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 ¹	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

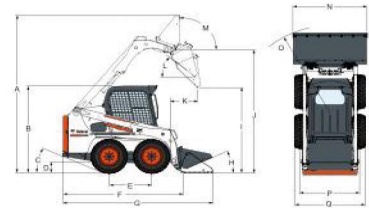
Options

10 x 16.5, 10-ply, Severe duty tyres
poly filled
Strobe

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 ⁻²
Whole body vibration uncertainty	0.52 ms ⁻²
Hand-arm vibration (ISO 5349-1) High speed	1.73 ms ⁻²

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

- Pallet Forks, Standard
- Augers
- General Purpose Buckets
- Utility Forks

