

S450

Loaders

Specifications

Ma	chi	ne	Ra	tin	c

Rated operating capacity (ISO 14397-1) Tipping load (ISO 14397-1) 608 kg 1215 kg 64.00 L/min Pump capacity 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 2800 RPM (ISO 14396 Gross) 35.9 kW Torque at 1425 RPM (SAE J1995 Gross) 150.0 Nm Number of cylinders Displacement 2196 cm³ Fuel tank 54.50 L Weights Operating weight 2365 kg Shipping weight 2052 kg

Controls

Vehicle steering Loader hydraulics tilt and lift Front auxiliary (standard)

Drive System

Transmission

Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors

Lift arm support

Parking brake

CE certification

Seat belt

Seat bar

Noise reduction kit

Spark arrestor muffler

Operating lights, front and rear

Direction and speed controlled by two hand levers

Separate foot pedals or optional Advanced Control

Electrical switch on right-hand steering lever

System (ACS) or Selectable Joystick Controls (SJC)

Warranty: 12 months or 2000 hours (whichever occurs

Standard Features

Cushion suspension seat Automatically activated glow plugs Auxiliary hydraulics: variable flow/maximum flow Bob-Tach™ frame

Bobcat Interlock Control System (BICS) 10 x 16.5, 10-ply, Heavy duty tyres

Deluxe operator cab* Includes interior cab foam, side, top and rear windows, Deluxe wire harness, dome light and electrical power port 1

Electrically activated proportional front auxiliary hydraulics Engine/hydraulics system shutdown

Whole body vibration (ISO 2631-1) High speed

Hand-arm vibration (ISO 5349-1) High speed

Whole body vibration uncertainty

Instrumentation

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

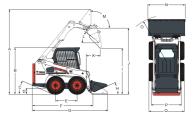
Deluxe instrument panel	10 x 16.5, Solid Flex tyres		
Power Bob-Tach™	Advanced Control System (ACS)		
Cab enclosure	Selectable Joystick Controls (SJC)		
Cab enclosure with heating	Air ride seat with 2 point seat belt		
Cab enclosure with HVAC	Radio		
Hydraulic bucket positioning (including ON/OFF switch)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

1.29 ms⁻²

0.52 ms⁻²

1.73 ms⁻²

Dimensions



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(A)	3558.0 mm		(J)	2781.0 mm
(B)	1976.0 mm		(K)	587.0 mm
(C)	23.0°		(L)	40.0°
(D)	214.0 mm		(M)	96.0°
(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)	26.0°		(Q)	1490.0 mm
(I)	2157.0 mm		. ,	

Attachments

Angle Brooms Augers Backhoes Bale Forks Breakers Brushcat™ Rotary Cutters **Brush Saws Bucket Adapters** Combination Buckets Concrete Mixers Construction / Industrial **Buckets** Diggers Dozer Blades **Dumping Hoppers** Fertilizer and Grain Buckets Flail Cutters General Purpose (GP) Bucket Graders Grapples, Industrial Landplanes Landscape Rakes Laser Equipment Low Profile Buckets Miscellaneous Mowers Packer Wheels Pallet Fork Accessories Pallet Forks, Hydraulic

Pallet Forks, Standard Planers Root Grapples Scarifiers Scrapers Seeders Skeleton Buckets Snow & Light Material Buckets Snow Blades Snow Blowers Snow Pushers Snow V-Blades Sod Layers Soil Conditioners Spare Wheels Spreaders Steel Tracks Sweepers Tillers Tilt-Tatch Trenchers Utility Forks Utility Frames Vibratory Rollers Water Kits Whisker Brooms Wood Chippers