Bobcat

S450 Loaders

Specifications

2781.0 mm

1575.0 mm 1940.6 mm

1221.7 mm

1490.0 mm

587.0 mm

40°

(J)

(K)

(L)

(M) 96°

(N)

(0)

(P)

(Q)

Machino Rating

Machine Rating		Dimensions
Rated operating capacity (ISO 14397-1) Tipping load Pump capacity System relief at quick couplers Max. travel speed (high range - option) Max. travel speed (low range)	608 kg 1215 kg 64.00 L/min 22.4-23.1 MPa 14.8 km/h 11.4 km/h	
Engine		
Make / Model Fuel Cooling Power at 2400 RPM Torque at 1425 RPM (SAE J1995 Gross) Number of cylinders Displacement Fuel tank	Kubota / V2203-M-DI-E2B-BC-3 Diesel Liquid 36.4 kW 150.0 Nm 4 2196 cm ³ 54.50 L	(A) 3558.0 mm (B) 1976.0 mm (C) 23° (D) 214.0 mm (E) 900.0 mm (F) 2502.0 mm (G) 3172.0 mm
Weights	00401	(G) 3172.0 mm (H) 26°
Operating weight Shipping weight	2240 kg 2052 kg	(I) 2157.0 mm
Controls	J. J	Attachments
Vehicle steering Loader hydraulics tilt and lift	Direction and speed controlled by two hand levers Separate foot pedals or optional Advanced Control System (ACS) or Selectable Joystick Controls (SJC)	Angle Brooms Augers Backhoes
Front auxiliary (standard)	Electrical switch on right-hand steering lever	Bale Forks Breakers
Drive System		Brush Saws
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors	Bucket Adapters Concrete Mixers Construction / Industrial
Standard Features		Buckets
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 Instrumentation 1. Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 ar SAE-J1043 and ISO 3449, Level I Options	Lift arm support Noise reduction kit Operating lights, front and rear Parking brake Seat belt Seat bar Spark arrestor muffler CE certification Warranty: 12 months or 2000 hours (whichever occurs first) and ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of	Cutter Crushers Diggers Dozer Blades Dumping Hoppers Fertilizer Buckets Flail Cutters General Purpose Buckets Graders Gradples, Industrial Landplanes Landscape Rakes Laser Equipment Low Profile Buckets Miscellaneous Mowers Packer Wheels
Deluxe instrument panel	10 x 16.5, Solid Flex tyres	Packer vyneeis Pallet Fork Accessories
Power Bob-Tach™ Cab enclosure	Advanced Control System (ACS) Selectable Joystick Controls (SJC)	Pallet Forks, Hydraulic
Cab enclosure with heating	Air ride seat with 2 point seat belt	

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

Deluxe instrument panel
Power Bob-Tach™
Cab enclosure
Cab enclosure with heating
Cab enclosure with HVAC
Hydraulic bucket positioning (including ON/OFF switch)
10 x 16.5, 10-ply, Severe duty tyres
10 x 16.5, 12-ply, Severe duty tyres, poly filled
Environmental

Operator LpA(98/37 & 474-1) Noise level LWA(EU Directive 2000/14/EC) Whole body vibration (ISO 2631-1) High speed Whole body vibration uncertainty Hand-arm vibration (ISO 5349-1) High speed

Air ride seat with 2 point seat belt Radio Strobe Back-up alarm Beacon

87 dB(A)

101 dB(Á)

1.29 ms⁻²

0.52 ms⁻²

1.73 ms⁻²