

## **S850** Loaders

Specifications

3657.0 mm

754.0 mm

2032.0 mm

2262.0 mm 1652.0 mm

2005.0 mm

Pallet Fork Accessories Pallet Forks, Hydraulic Planer Accessories Planers Root Grapples Rotary Grinders

Silt Fence Installers

Skeleton Buckets Snow & Light Material

Tree Transplanters Trench Compactors Utility Frames Vibratory Rollers Wheel Saws Wood Chippers

Buckets Snow Blades Snow Pushers Sod Layers Soil Conditioners Spreaders Steel Tracks Stump Grinders

42.0° 98.0°

(J) (Κ)

(L) (M)

(N)

(O)

(P) (Q)

Mowers

## Performance

Performance		Dimensions
Tipping load (ISO 14397-1) Rated operating capacity (ISO 14397-1) Pump capacity Pump capacity (with high flow option) System relief at quick couplers Max. travel speed (high range - option) Max. travel speed (low range)	3700 kg 1850 kg 87.10 L/min 138.50 L/min 23.8-24.5 MPa 19.8 km/h 11.4 km/h	
Engine		
Make / Model Compliancy Fuel Cooling Power at 2400 RPM (ISO 14396 Gross) Torque at 1600 RPM (SAE J1995 Gross) Number of cylinders Displacement Fuel tank	Bobcat / D34 97/68 EC Stage IV Diesel Liquid 68.7 kW 355.3 Nm 4 3409 cm <sup>3</sup> 111.60 L	(A) 4532.0 mm (B) 2118.0 mm (C) 27.0° (D) 218.0 mm (E) 1342.0 mm (F) 3030.0 mm (G) 3751.0 mm (H) 30.0°
Weights		(I) 2951.0 mm
Operating weight Shipping weight	4643 kg 4223 kg	Attachments Angle Brooms
Controls		Auger Accessories
Vehicle steering Loader hydraulics tilt and lift Front auxiliary (standard) Drive System	Selectable Joystick Control (SJC) Selectable Joystick Control (SJC) Electrical switch on right-hand steering lever	Augers Backhoes Bale Forks Breaker Accessories Breakers
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors	Brushcat™ Rotary Cutters Brush Saws Concrete Pumps
Standard Features		Construction / Industrial
Two-speed travel Selectable Joystick Controls (SJC) High-back adjustable suspension seat Automatically activated air intake heater Auxiliary hydraulics: variable flow/maximum flow Bob-Tach™ frame Bobcat Interlock Control System (BICS) Deluxe operator cab with windows 1 Electrically activated proportional front auxiliary hydraulics Engine/hydraulics system shutdown Hydraulic bucket positioning (including ON/OFF switch) 1. Roll Over Protective Structure (ROPS) - meets requirements of SAE-J1040 and SAE-J1043 and ISO 3449, Level I	Manual Lift arm support Work lights, front and rear Parking brake Seat belt Seat bar 14 x 17.5, 12–ply, Bobcat heavy duty tyres CE certification Turbo-charger with approved spark arrestor Warranty: 24 months or 2000 hours (whichever occurs first) ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of	Buckets Dozer Blades Drop Hammers Dumping Hoppers Flail Cutters Forestry Cutters Graders Grapples, Industrial Landplanes Landscape Rakes Laser Equipment Miscellaneous Mixing Buckets
Heavy duty radio	14 x 17.5, 12-ply, Severe duty tyres, poly filled	
High-Flow hydraulics	14 x 17.5, Solid flex tyres	

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Deluxe instrument panel	Air ride seat with 3 point seat belt
Deluxe pressurized cab with heating	Back-up alarm
Air conditioning	Beacon
Power Bob-Tach™	Strobe
12 x 16.5, 12–ply, Bobcat heavy duty tyres, offset rims	

## Environmental

Operator LpA(98/37 & 474-1)	82 dB(A)
Operator LpA uncertainty	2.5
Noise level LWA(EU Directive 2000/14/EC)	102 dB(A)
Whole body vibration (ISO 2631–1)	0.60 ms <sup>-2</sup>
Whole body vibration uncertainty	0.3
Hand-arm vibration (ISO 5349–1)	0.71 ms <sup>-2</sup>