

## **S86**

## Loaders

Specifications

Performance	
Tipping load (ISO 14397-1) Rated operating capacity (ISO 14397-1) Pump capacity Pump capacity (with high flow option) Pump capacity (with super flow option) System relief at quick couplers Max. travel speed (high range - option) Max. travel speed (low range)	3175 kg 1587 kg 89.30 L/min 138.50 L/min 159.00 L/min 23.8-24.5 MPa 10.8 km/h 19.3 km/h
Engine	
Make / Model Fuel Cooling Power at 2600 RPM Torque at 1800 RPM (SAE J1995 Gross) Number of cylinders Displacement Fuel tank Diesel Exhaust Fluid	D34 BSH SV, 97/68 EC Stage V Diesel Liquid 78.7 kW 409.0 Nm 4 3409 cm <sup>3</sup> 120.00 L 20.40 L
Weights	
Operating weight Shipping weight	4497 kg 4096 kg
Controls	
Vehicle steering  Loader hydraulics tilt and lift Front auxiliary (standard)  Drive System	Direction and speed controlled by Selectable Joystick Controls (SJC) or two hand levers Selectable Joystick Controls (SJC) or separate foot pedals Electrical switch on right-hand steering lever
Transmission	Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors
Standard Features	
12 x 16.5, 10–ply, Heavy duty tyres 3 Point Seat belt 5" Deluxe Instrumentation (Radio Ready) High-back adjustable suspension seat Backup Alarm Bob-Tach™ Attachment System Deluxe pressurized cab with HVAC Dual Direction Bucket Positioning (including ON/OFF switch) Horn Key start LED Working Lights front and rear Selectable Joystick Controls (SJC)  Options	Spark arrestor muffler Two Speed Travel Auxiliary hydraulics: variable flow/maximum flow Bobcat Interlock Control System (BICS) Engine/hydraulics system shutdown Machine IQ (telematic) Lift arm support Manual Parking brake Reversing Camera Seat belt Warranty: 24 months or 2000 hours (whichever occurs first)
12 x 16.5, 10–ply, Heavy duty tyres, offset rims	Clear View Cab
12 x 16.5, 10–ply, Severe duty tyres 12 x 16.5, Solid flex tyres 33 x 12-16.5, 10–ply, Superflotation tyres, offset rims 7" Touch Display (Integrated Bluetooth, Hands Free Calling, Radio, Reversing Camera) Auto HVAC	Heated Cloth Air ride seat with 3 point seat belt Manual Hand and Foot Controls Radio Reversable Fan High Flow / Super Flow Power Bob-Tach™

Strobe

77 dB(A) 101 dB(A)

0.59 ms<sup>-2</sup>

0.30 ms<sup>-2</sup>

1.16 ms<sup>-2</sup>

Auto Ride Control

Environmental
Operator LpA(98/37 & 474-1)

Noise level LWA(EU Directive 2000/14/EC) Whole body vibration (ISO 2631–1)

Whole body vibration uncertainty

Hand-arm vibration (ISO 5349-1)

Beacon

## **Dimensions**





	G		- Q
(A)	4345.0 mm	(J)	3353.0 mm
(B)	2111.0 mm	(K)	964.0 mm
(C)	26.0°	(L)	40.0°
(D)	236.0 mm	(M)	93.0°
(E)	1304.0 mm	(N)	1880.0 mm
(F)	3059.0 mm	(O)	2300.0 mm
(G)	3900.0 mm	(P)	1592.0 mm
(H)	30.0°	(Q)	1829.0 mm
(l)	2586.0 mm	. ,	

## **Attachments**

Auger Accessories Augers Box Blades **Breaker Accessories** Breakers Brushcat™ Rotary Cutters **Brush Saws** Combination Buckets Concrete Mixers Concrete Pumps Construction / Industrial **Buckets** Diggers Dozer Blades **Drop Hammers** Dumping Hoppers Flail Cutters Forestry Cutters Graders Grapples, Industrial Landplanes Landscape Rakes Laser Equipment Low Profile Buckets Miscellaneous Mixing Buckets Pallet Fork Accessories Pallet Forks, Hydraulic Planer Accessories

Planers

Rear Stabilizers Remote Control Root Grapples Rotary Grinders Sand Cleaners Scarifiers Scrapers Seeders Skeleton Buckets Snow Blades Snow Pushers Snow V-Blades Sod Layers Soil Conditioners Spreader Spreaders Stump Grinders Sweepers Tillers Tilt-Tatch Tree Transplanters Trench Compactors Trenchers **Utility Forks Utility Frames** Vibratory Rollers Wheel Saws Wood Chippers