



**Bobcat®**

**SKID STEER LOADERS**

**S770**



***One Tough Animal™***

# Power meets comfort

With the new Bobcat 770 loader range there is a difference you can see – and a difference you'll experience on the job. They have been completely re-designed and offer superior power and hydraulic performance, allowing you to do more, faster and better.

Made for versatility, the S770 with its wide range of attachments is the perfect machine for road construction and widening, grading, landscaping, demolition, forestry and agriculture.



**Increased tractive effort:** you can push more and dig harder than ever before, resulting in faster cycle times.

**Improved hydraulic efficiency:** by increasing the hydraulic pressure and the standard hydraulic flow, the 770 series manages to get the best performance out of its wide attachment range.

**Upgraded cooling system:** thanks to a larger fan with a more efficient design, the cooling system allows the loaders to perform at their best for a long period.

**Increased engine power:** turbo-charged Kubota engine, delivering 92 hp (68.6 kW) to boost your productivity.

**Optimised fuel capacity:** new additional fuel tank allowing a total capacity of 126 l enables 25% more run time between refuelling stops.

# Features and benefits

## Operator comfort

Bobcat has the best cabs on the market with the largest cab space in the industry, reduced noise and vibrations levels and offering better visibility. The threshold of the cab door has been lowered and the size of the cab door has been increased, making it easier for operators to enter and exit the cab. **The AC cab / dust free cab**

## Visibility

The new cab offers 30% more visibility all around the loader. The 5 cm forward positioning of the cab places the operator closer to the attachment. Forward visibility is further enhanced thanks to a 45% larger door and a lower front cross-member on the cab. Also contributing to improved visibility is a 50% increase in the output (total wattage) of the front work lights. There are two bulbs instead of one as in the past.

## Performance & Applications

Traction on the new generation loaders has been increased by 15 to 20% to provide greater pushing and digging power. The ratios in the transmission were changed. The standard flow hydraulic efficiency has been increased by over 30%, providing better attachment performance. Hydraulic flow has been increased by 11% or 9 l/min. At the same time, the pressure of the pumps has been increased by almost 14 bar. In addition, the back pressure of the hydraulic system has been reduced by 7 bar.

## Reliability / Durability

The new generation loaders are built to work long hours on demanding jobsites. The hydraulic quick couplers are mounted directly to the front plate of the lift arm. A guard bar extends out in front of the couplers for added protection.

## Serviceability

For an easy daily maintenance, the swing-open tailgate and the transverse mounted engine provide one-sided serviceability. Cab tilt provides



- The cab area has been increased by 10%.
- 45% larger door glass for easier entry and exit and better visibility.
- New fully adjustable suspension seat
- Joysticks (option) integrated in the seat arms.

Bobcat new generation loaders have a best-in-class pressurised cab, featuring a new one-piece seal that goes all the way around the door and fits into a special curved pocket keeping dirt and dust out of the operating environment. Sound levels have been decreased, providing improved comfort for the operator.



MP3 compatible radio-ready stereo (option) and 12 V power outlet, Selectable Joystick Control (option)



Full-colour Deluxe instrument panel (option)



Comfortable seat with fully adjustable suspension



Heating and air conditioning (option)

# S770 — SPECIFICATIONS

## Machine Rating

Rated operating capacity ISO 14397-1	1569 kg
Tipping load ISO 14397-1	3137 kg
Bucket Capacity	0.54 cu.m.
Pump capacity	87.1 L/min
Pump capacity (with high flow option)	138.2 L/min
System relief at quick couplers	23.8–24.5 MPa
Max. travel speed (low range)	11.4 km/h
Max. travel speed (high range)	19.8 km/h

## Engine

Make / Model	Kubota / V3800
Fuel / Cooling	Diesel / Liquid
Power	68.6 kW / 92 HP
Torque, maximum at 1600 RPM (SAE J1 995 Gross)	315 Nm
Number of cylinders	4
Displacement	3769 cm <sup>3</sup>
Fuel tank	90.5 L

## Weights

Operating weight	4162 kg
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## 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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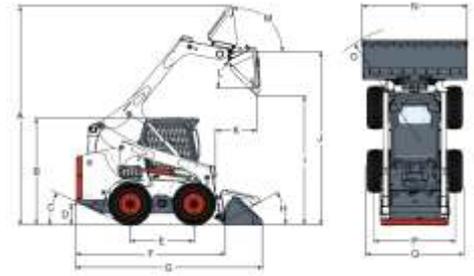
## Standard Features

Two-speed travel	Electrically activated proportional front auxiliary hydraulics
High-back adjustable suspension seat	Engine/hydraulics system shutdown
Bob-Tach™ frame	Instrumentation
Bobcat Interlock Control System (BICS)	Lift arm support
Deluxe operator cab Includes interior cab foam, side, top and rear windows	Work lights, front and rear
Air Conditioned Cabin	Parking brake
	3-point seat belt and Seat bar
	12 x 16.5, 12-ply, Bobcat severe duty tyres
	Turbo-charger with approved spark arrestor

\* 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	Advanced Control System (ACS)
High-flow hydraulics	Advanced Hand Controls (AHC)
Power Bob-Tach™	Selectable Joystick Controls (SJC)
	Solid Tyres



## Dimensions

(A) Operating height	4232 mm
(B) Height with operator cab	2065 mm
(C) Angle of Departure	25°
(D) Ground clearance	207 mm
(E) Wheelbase	1227 mm
(F) Length without attachment	2903 mm
(G) Length with standard bucket	3597 mm
(H) Rollback at ground position	30°
(I) Dump height with standard bucket	2649 mm
(J) Height to bucket hinge pin	3353 mm
(K) Dump reach at maximum height	800 mm
(L) Dump angle at maximum height	42°
(M) Rollback fully raised at maximum height	98°
(N) Bucket width	80-inch / 2032 mm
(O) Turning radius with standard bucket	2179 mm
(P) Track, 12 x 16.5, 12-ply, Bobcat heavy duty tyres	1507 mm
(Q) Width over tyres, 12 x 16.5, 12-ply, Bobcat heavy duty	1832 mm

## Attachments

Angle / Snow blade	Rear stabilisers
Angle broom*†	Scarifier
Auger	Snow V-blade
Bale forks	Snow blower*
Box blade	Sod layer*
Brushcat rotary cutter	Soil conditioner*
Buckets	Spreader
Wood chipper*	Stump grinder*
Combination bucket	Super scraper
Concrete pump*	Sweeper
Digger	Tiller
Dozer blade*	Tracks, steel
Drop hammer	Tree transplanter*
Dumping hopper	Trencher
Farm grapple	Utility forks
Mower	Utility frame
Flail cutter	Vibratory roller
Forestry cutter	Water kit
Grader*	Wheel saw
Hydraulic breaker**	Whisker broom
Industrial grapple	*Attachment control kit required.
Landplane	**When operating the loader with this attachment, a Special Applications Kit, which includes a 12 mm Lexan front door with 6 mm top and rear windows, must be used.
Landscape rake	†Optional water kit.
Pallet forks – heavy duty	
Pallet forks – hydraulic Planer*	

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