



Bobcat®

Skid-Steer Loaders



One Tough Animal™



The skid-steer loader can pivot 360 degrees, which makes it one of the most maneuverable pieces of equipment available.

Why Skid-Steer Loaders?

Since inventing the world's first true compact loader in 1958, Bobcat has constantly improved on its original concept: a tough, agile and versatile compact machine that can tackle an incredible number of jobs. | Today, the innovation continues. The Bobcat® skid-steer loader features a superior design that outperforms other brands while maximizing your uptime and delivering unmatched comfort.

BobcatAdvantage.com/skidsteer





Highly Maneuverable

The skid-steer loader is compact and pivots 360 degrees, allowing you to easily maneuver in close quarters.

Highly Versatile

From laying sod to demolition, a wide variety of Bobcat-built attachments maximizes equipment usage and expands job possibilities.

Compact Size

As builders maximize land space, lot lines get tighter. The skid-steer loader's compact size allows you to easily negotiate obstacles and tight spaces.

Extremely Portable

A lightweight machine can be easily hauled on a trailer. In many cases, you don't even need a commercial driver's license to haul the loader.*

* Always check towing restrictions.

Easily See Your Work

In a skid-steer loader, the attachment is nearby, visible and unobstructed by a machine hood or tires.

Low Cost

Compared to larger equipment, skid-steer loaders perform similar tasks in tighter working conditions for a fraction of the cost.

Better Fuel Economy

Skid-steer loaders offer great fuel economy without sacrificing performance.

Replace Costly Labor

Labor is expensive and hard to find. With Bobcat skid-steer loaders, you can do more with less and increase your profit.

Performance

Great performance doesn't only come from a high horsepower engine. Bobcat loaders use the machine's design and balance to deliver more usable horsepower. We build machines with the right balance between engine and pump, plus a weight distribution that delivers powerful breakout forces and faster cycle times. If you need to work quicker, lift more and outperform the competition, Bobcat compact skid-steer loaders are the only choice.





Quicker Turning

When not carrying a load, a weight distribution of 70% in the rear and 30% in the front delivers balanced, easy turning for ideal performance:

- Best weight distribution for turning and skidding
- Reduces fuel consumption and power requirements from engine
- Increases life of drive train and tires
- Less wear and tear than flat-footed machines sold by other manufacturers

Control in Your Hands

With Bobcat skid-steer loaders, you can feel and control the loader's drive, engine torque and tractive effort – so you can push your machine to the limit without an engine anti-stall system robbing you of power when you need it the most.

Powerful Breakout Forces

High-efficiency hydraulic pumps deliver more power matched to demand and providing better breakout forces.



Stronger Hydraulics

With up to 20% more hydraulic horsepower than K-Series Bobcat loaders, the Bobcat engine, pump, horsepower and cubic-inch displacement are configured precisely for each model's specific operating capacity. Engine horsepower and hydraulic system performance are finely tuned to run circles around other machines.

2-Speed Option

Boost top travel speed by as much as 57 percent and reduce the time it takes to travel across a jobsite.

Hydraulic Bucket Positioning

Optional hydraulic bucket positioning keeps your bucket level when raising lift arms, reducing spillage and allowing you to work more efficiently.

More Torque

Bobcat loaders reach maximum torque at a lower RPM to minimize stalling and save time and fuel.

Faster Cycle Times

Hydraulic pumps in Bobcat loaders are matched to cylinder size and loader lift capacity to provide fast cycle times that help you get the job done faster.

More Fuel Capacity

Increased fuel capacity gives you more time on the job without stopping to fill up.



Uptime Protection

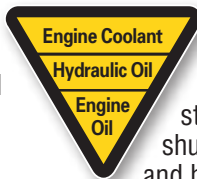
When the skid-steer loader isn't working, nobody's working. That's why Bobcat reliability is legendary. Whether it's our maintenance-free chaincase, smart cooling, superior lift arms, machine shutdown protection, self diagnostics or theft protection, our reputation for reliable equipment protects your reputation for timely, productive work.

Battery Run-Down Protection

The lighting circuit automatically shuts down to prevent accidental battery discharge.

No-Maintenance Axle Bearings

Bobcat axle bearings are automatically lubricated with chaincase oil – so they never need greasing.



Machine Shutdown Protection

Bobcat loaders come standard with automatic shutdown that monitors engine and hydraulic functions. The system alerts the operator and actually shuts the machine down – lessening the chance of damage to the engine or hydraulic components.

Tougher Axles

Prevent downtime with axles larger than any comparable-sized loader.

Maintenance-Free Chaincase

The rugged Bobcat chaincase is the only maintenance-free chaincase in the industry with exclusive fixed axle tubes, stronger axles, fully sealed bearings, plus the largest chains in the industry.

No Adjustments

The Bobcat chaincase requires no adjustments – ever.

Largest Chains

Tight manufacturing tolerances. Endless roller, high-strength oval chains (HSOC). Thick side-link plates and hardened pins. The chains are 38% stronger than the competition.





The exclusive Bobcat **Keel-Shaped Undercarriage** minimizes your chance of getting stuck. It gives you a higher ground clearance and sheds debris – much like the way a boat slices its way through water.



Smart Cooling



The Bobcat cooling system is smarter because of its superior protection, dual-path cooling efficiency and exclusive SmartFAN.

Quieter Operation

Up to 30% quieter than ordinary cooling fans, the hydraulically powered SmartFAN senses the temperature of the machine and only turns as fast as needed. Work in extreme conditions with less concern about overheating.

More Efficient Cooling

Bobcat loaders have a patented, dual-path cooling system that draws cool, clean air from above; pulls warm air out of the engine compartment and forces it out two side vents, directing hot air away from the operator, cooling more efficiently and keeping engine

components clean. Other systems usually pull dirty air over the top of the tires or from the rear of the loader.

Protected Cooling Location

Some manufacturers still place radiators immediately inside the tailgate where the cooling package can be damaged by rebar, sticks or other items that can poke through the tailgate ventilation holes. The Bobcat radiator and hydraulic oil cooler are well protected between the frame uprights, above the engine. This also leaves the rear of the engine freely accessible for daily maintenance checks.



Better cooling

in extreme conditions.





Scan this to see the video.

BobcatAdvantage.com/skidsteer



Superior Lift Arms

Your loader arms should remain rigid when you move with a load, and hydraulic hoses should be protected from the hazards of a jobsite. Bobcat knows this better than anyone. | Our durable, patented lift-arm design and a choice of lift path help you meet the unique demands of your job.

Higher lift, more capacity and reach at maximum height.

Vertical Lift Path

A vertical lift path provides higher lift capacity and more reach at full lift height than radius lift path, keeping the load closer to the machine while you raise the loader arms. Because you achieve maximum reach at full lift height, it's easier to clear high-sided truck boxes and hoppers. It's also better for placing heavy pallets of block or sod.



Scan this to see the video.

Job-Matched Lift Arms

A vertical lift path and radius lift path each have their advantages. Bobcat builds both styles to match the work you do.

Single-Plane Design

Every pin and connecting point on Bobcat lift arms is part of a single-plane design. Side-to-side movement is minimized, resulting in less wear and longer life. It also helps prevent unwanted spillage of material.

Radius Lift Path

Radius lift path provides maximum reach at truck bed height. Arm movement forms an arc. More than 80 percent of that arc delivers better reach at truck bed height. A radius lift path excels in jobs at mid-range heights, like dumping over a wall, backfilling or unloading flatbed trucks.



More
reach at
mid-range.

BobcatAdvantage.com/skidsteer



Deluxe Instrumentation



BobCare PMSM Maintenance Screen

Reminds you when scheduled maintenance is due to ensure you maximize your performance.



Activity Monitor Check machine usage by operator with the job clock feature.



Functional Lockouts Protect your investment from misuse or accidental use by locking out certain functions such as high-flow hydraulics and 2-speed.

The new M-Series Deluxe Instrument Panel offers you even more functionality. The 5-inch, full-color LCD screen enables monitoring of and interaction with your machine. The system can even provide information about machine performance in English, Spanish and five other languages.

Password-Protected Keyless Start

Eliminate downtime due to lost keys. Remove the risk of spare keys in the pockets of current or former employees. Reduce the chance of theft or unauthorized use. You might even reduce your insurance premiums.

Attachment Operation

Deluxe Instrumentation features a viewable job clock for certain attachments and the ability to make adjustments to laser-guided attachments without stepping out of the cab. You can even monitor certain attachment functions on screen.

Diagnostics

The easy-to-read, backlit display panel monitors 14 major loader functions and provides troubleshooting suggestions to help solve a potential problem, which helps maximize your uptime.

Other Deluxe Instrument Features

Digital time clock, user job clock, statistics for overall job and individual operators, resettable hour meter, attachment controls help menu, and multiple password settings give you added convenience and more control over your machine.

M-Series Deluxe Instrumentation panel is pictured here. See your dealer for details.



Theft Protection

According to the National Insurance Crime Bureau, \$3 million in compact equipment is lost each day to thieves. Compact loaders are one of the most stolen pieces of compact equipment in the world.

Reduce the risk of loss due to theft or unauthorized use with the optional password-protected Bobcat Deluxe Instrument Panel and up to eight custom keyless start codes. It may even qualify your business for reduced insurance premiums.

Optional Keyless Panel

If you're not ready for the robust functionality of Deluxe Instrumentation, but you'd like the convenience of keyless start with the added security of an owner-defined numeric code, choose the optional security panel upgrade.



Comfort Cab

Bobcat pays as much attention to operator comfort as we do to performance. Many comfort options found in Bobcat loaders aren't even available on other machines.

It's the biggest, most
comfortable cab
we've ever had.

Seat-Mounted Joysticks

On M-Series Loaders with Selectable Joystick Controls (SJC), the joysticks are mounted to the seat. As your suspension seat moves up and down, the joysticks move with the seat for added comfort while operating.

Improved Seat Adjustment

The adjustable seat features two additional inches of forward or aft movement to accommodate different-sized operators.

Large Entry

On machines with enclosed cabs, large swing-open doors provide ample room for exit and entry.

More Room

Our stronger, narrower loader arms make a wider cab possible, with up to 20% more interior space than competitors, keeping you comfortable.



Heat and Air Conditioning

Because our AC units are integrated into the machine, there is no bulky add-on unit to obstruct your visibility. Automotive-style vents allow you to point your air where you need it for greater comfort in all weather conditions.

Convenient Storage

Storage bins are located throughout the interior. You can store items wherever it's convenient – on your right or on your left.

Convenient Engine Speed Control

The engine speed control has been moved to the front of the operator, on the right-hand corner post of the cab.



Fingertip Controls

Fingertip controls make your attachment comfortable to operate, easy to control and simple to adjust while driving. Dual-direction detent allows hydraulic flow to be engaged continuously, in either direction, without holding a switch. Variable hydraulic flow allows you to slowly move cylinders when working with a grapple or combination bucket, or crank it up to maximum flow to quickly shake dirt from an auger bit.



Ride Control

Bobcat Ride Control cushions the loader lift circuit to better absorb shocks caused when carrying loads over uneven ground.

12-Volt Power Accessory

Your cab is your office. That's why Bobcat installed a 12-volt power accessory for charging your mobile phone, MP3 player or other accessories.

Radio Capable

Order your loader with a stereo to enhance your operation experience. The radio features an auxiliary audio input jack that is ready for an MP3 player or other device.

Air Ride Seats

Achieve optimum suspension comfort with the optional air-ride seat. Air suspension adjusts to your weight, helping you smooth out the bumps on your jobsite and increasing your comfort.



Easy-Pull, Easy-Secure Side Window

Simply pull the new window knob to slide the side window to five lockable positions. The window stays exactly where you want it to get consistent air flow.

Other Comfort Cab Features

- Sound reduction option for even lower noise levels
- High output halogen lights for low-light operation
- Top window for raised-load visibility
- Adjustable foot pedals

Availability of some comfort features varies by model and configuration. See your dealer for details.



Improved Visibility

Visibility is increased in all directions on M-Series loaders. The rear window is 14% larger and the top window is 43% larger. This provides a big advantage when loading a truck or using attachments. All-around visibility is central to the design of the cab on Bobcat loaders.



Cab Forward Design

The new cab-forward design moves the operating area closer to the attachment, giving you a better vantage point to see your work.

Front Visibility

Comfortably see your work from the seat through a single, curved pane of glass that delivers as much as 50% more glass surface area than other manufacturers. Powerful lighting gives you a great view for night operation.

Pressurized Cab

In your line of work, you have to dive right in – where the dirt, dust, mud and debris are at their worst. Bobcat M-Series loaders with enclosed cabs have a best-in-class pressurized interior space that keeps dust to a minimum, keeping operators clean and comfortable.





Rear Visibility

The cab-forward design doesn't affect rear visibility. The large rear window and angle of the back of the loader provide a great view behind the tailgate.



Side Visibility

In the Bobcat cab, you can see the wheels without having to lift your loader arms, increasing your performance in tight areas, such as grading next to a building or backing onto a trailer.

All-around visibility is central to the design of the cab on Bobcat M-Series loaders.

The innovative Bobcat door design includes a one piece seal. Plus, the unique, curved door pocket provides the best possible seal against dust, dirt and debris.



Scan this to see the video.

Choice Controls

Bobcat offers all of the common control patterns found on compact loaders today – and it’s the only brand that allows you to choose your preference at the flip of a switch. It’s the largest selection of control possibilities in the industry.



Bobcat Standard Controls
With Bobcat Standard Controls, each steering lever controls each drive side independently, while

dual foot pedals control the loader lift and tilt. It’s still the most popular control style.



Remote Control

With Remote Control operation, you control your loader without having to be in the cab. This is a smart solution for hot, dusty environments or on jobs where you’d rather be outside of the machine. Completely portable, and designed for the worst working environments, the Radio Remote Control system is installed or removed in minutes for easy use with multiple machines.



Advanced Control System (ACS)

ACS offers your choice of two control styles in one machine. By pressing a switch, you can use traditional Bobcat Standard Controls or “H” pattern hand controls, where the left lever controls the left drive and lift, while the right lever controls the right drive and tilt.



Selectable Joystick Controls (SJC)

Selectable Joystick Controls offers low-effort hand control of all machine workgroup functions. “ISO” or “H” patterns can be easily activated by a dash-mounted rocker switch inside the cab.



NEW, IMPROVED
BOBCAT
SELECTABLE
JOYSTICK
CONTROLS

SJC Provides Big Performance Advantages:

Drive Response Mode

Drive response mode allows you to choose how the drive responds to joystick movement. Whether you like a more gradual response, quick, instant feedback, or something in between, three different settings put you in control.



These low-effort joysticks are loaded with Bobcat-exclusive features that increase your productivity.

Speed Management

A Bobcat exclusive. Simply “dial in” your required travel speed in small increments to match speed to your operation requirements and maximize attachment performance. Speed management gives you a full-range of joystick motion at a slower speed, giving you precise control of machine movements while maintaining maximum driveline torque and full hydraulic power.

Steering Drift Compensation

Steering drift compensation keeps you on a straight path by helping you make minor adjustments to the steering. It's beneficial when you side-shift certain attachments, such as planers or trenchers, as this will tend to pull the machine to one side. You can also use it while driving on surfaces that cause the loader to gradually drift left or right, such as crowned roads. Make fine steering adjustments to either side and stay on target.

Horsepower Management

Bobcat Horsepower Management automatically adjusts the loader drive system to maximize pushing and digging power while minimizing your chance of stalling. Unlike other anti-stall systems, Bobcat Horsepower Management lets the operator obtain maximum engine and drive torque to match the toughest digging conditions. If you prefer to work without it, simply disengage with the push of a button.

Panoramic Serviceability

Bobcat loaders are designed to provide the fastest, easiest maintenance in the industry. Engine checkpoints are within easy reach – so daily maintenance actually gets done. Unparalleled access to routine and long-term maintenance points make preventative maintenance simple, reducing your operating costs and adding to your bottom line.



Full-Access Serviceability

Our large, swing-open tailgate provides convenient access to routine maintenance points. There are no radiators to move, lift arms to raise or lift-arm support devices to install.

Protective Tailgate

The one-piece, 1/4-inch, high-strength door has no cooling holes, slots or other openings that expose your loader components to job hazards.

Tip-Up Cab

For non-routine service, simply remove two nuts and tip back the cab to access hydraulic and hydrostatic components in minutes.



The hydraulic oil cooler can be moved for easy cleaning of the radiator. It's excellent for loaders that work in debris-filled applications.

The Transverse Engine and Belt Drive

Bobcat offers one-sided serviceability thanks to the exclusive Bobcat belt-drive system. This durable technology with a multi-groove, Kevlar™ belt allows your loader engine to run slower for reduced noise and longer durability. It's also more efficient with an optimized engine-to-pump package.

*Refer to the loader Operation & Maintenance Manual for complete maintenance instructions and information.





New Tier 4 Solutions

To reduce air pollution, new Tier 4 emissions standards require every equipment manufacturer to make equipment changes. Bobcat seized the opportunity to design a non-DPF Tier 4 solution that also delivers new features and provides more performance to customers. As Bobcat moves towards Tier 4 compliance between now and 2015, every final Tier 4 compliant loader over 25.4 hp will feature the new Bobcat engine.

More Torque

Higher combustion pressures generate more torque. Bobcat engines have a robust combustion chamber that handles more pressure and produces more torque than ever before, meaning better performance for pushing, digging, lifting and operating attachments. As the engine ages, the common rail fuel system manipulates combustion pressure to provide consistent power and torque over the life of the engine.

Go to bobcat.com/newengine to learn more about the new Bobcat engine features and performance improvements.

A Wider Range of Power

With other engines, you may struggle to maintain peak performance because they only create peak torque under a small engine RPM range. The new Bobcat engines generate the most torque across a much wider RPM range. Our engines can stay in the peak torque range longer, maximizing your performance. Operators of every skill level can better utilize full engine performance to get more work done.

Other Bobcat Engine Advantages:

Improved Machine Shutdown Protection

Monitors coolant and oil temperatures and prevents them from reaching a critical point of shutdown.

Cold Weather Engine Protection

Protects your machine from working too hard before the engine is properly warmed up.

Lower Operating Costs and Reduced Noise

A new auto idle function on SJC-equipped machines reduces noise levels.

Simple, State-of-the-Art and Non-DPF

Until recently a Diesel Particulate Filter (DPF) was the only technology that removed enough particulate matter (PM) to meet Tier 4 regulations. Bobcat created an Ultra-Low Particulate Combustion (ULPC) capable engine with a specially designed combustion chamber. ULPC drastically reduces PM created during engine combustion – so there is no need for a DPF. The biggest advantage of our non-DPF Tier 4 solution is simplicity. The DPF cleaning process, called regeneration, requires knowledgeable operation to keep the DPF and engine running properly. ULPC eliminates downtime that occurs with DPF regeneration and long-term DPF maintenance costs. That allows operators to focus on working.



Bobcat loaders have your business expansion built right in. An auger, breaker, or one of more than 70 attachments will go a long way to save you time and labor. Whether it's breaking concrete, taking down buildings or drilling tree holes, Bobcat attachments help you take on new jobs and get more use from your machine. They're vertically integrated with your Bobcat loader's electronics, hydraulics and geometry, and they're designed with visibility and ease of entry and exit in mind.

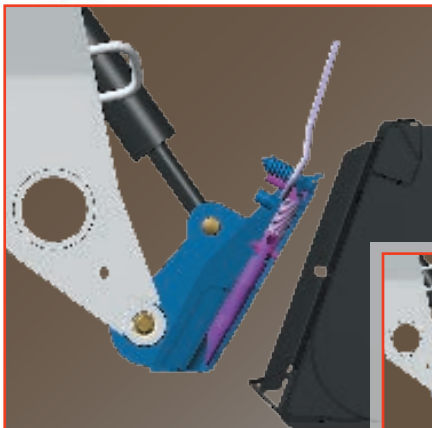
Quick Couplers

Trapped line pressure can make attachment changes anything but quick. So Bobcat loaders come with Quick Couplers to release trapped pressure. By pushing the coupler inward, hydraulic oil is released through a return line back into the machine. The result is a clean, quick attachment change every time.



Attachment Control Kit

Several attachments require control of more than one function. Our small, 7-pin attachment harness activates power and fingertip-control functions while eliminating the need for mechanical relays used on other loaders. It's fully integrated with your Bobcat loader for a clean look and protected routing.



Bob-Tach

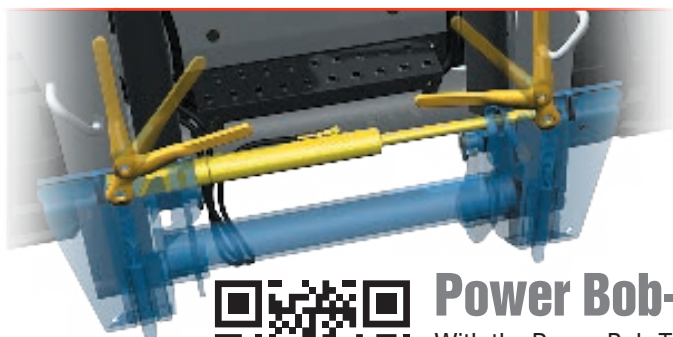
Change attachments in less than a minute with the Bob-Tach® mounting system. Replace a bucket with a pallet fork, landscape rake, auger, grapple and more, while keeping a tight attachment fit every time.



Do More



Than Dig



Power Bob-Tach

With the Power Bob-Tach™ system, you can change non-hydraulic attachments without leaving the comfort of your cab. Just line up the attachment and press the switch.



Deluxe Instrumentation Hour Clock

With the Deluxe Instrument Panel, you can monitor the number of hours on each attachment.



Laser Positioning

For laser-controlled attachments, Deluxe Instrumentation provides real-time, in-cab attachment position monitoring and adjustment.



Tree Spade Control

With Deluxe Instrumentation, you can monitor active blades and gates, change auto-dig and easy dig settings and monitor the number of trees dug in a day.



Sonic Tracer/Slope Sensor

The Sonic Tracer/Slope Sensor Kit enables operators to create an accurate cross-slope or precisely grade when laser receivers and transmitters are limited by jobsite obstacles or the grade needed does not follow a plane.



High-Flow Hydraulics

Optional high-flow hydraulics provide a big power boost for better production with attachments. Certain attachments, such as the flail cutter, trencher, planer and stump grinder, get maximum performance from high-flow hydraulics.

Multi-Carrier Versatility

Get more versatility and profitability for your dollar. Several Bobcat attachments can be used across carriers. For example, a Model 15 auger can be shared with an all-wheel steer loader, skid-steer loader, compact track loader, compact excavator, Toolcat™ utility work machine and VersaHandler® telescopic tool carrier.

Superior Attachment Availability

Bobcat dealers specialize in compact equipment – so they are much more likely to stock or rent attachments that other equipment retailers don't even have. You'll be able to buy or rent the attachments you need.

Attachment Support

The attachment is as important as your machine. If you buy an attachment off the internet or at a discount store, who is going to service it, provide parts and complete your warranty? Bobcat Company supports its attachments better than anyone. We are your one stop shop for your attachment parts, service, finance and warranty.



All-Wheel Steer Innovation

Bobcat is famous for giving you more ways to get the job done. When you want maneuverability or turf-friendly performance on demand, only Bobcat delivers.



Two steering modes by simply pressing a switch

The powerful A770 is the only compact loader in the industry that offers both all-wheel steer and skid-steer capabilities. This revolutionary loader operates with smooth, all-wheel steering that rolls through a turn without tearing up finished turf or leaving marks on driveways. When you need the unmatched maneuverability of a skid-steer loader, just press a switch and your loader can turn within its own length.



Bobcat gives you more.

More models. More features. More options. More versatility. With 13 skid-steer loader models ranging from 35.5 to 79 inches wide and 23.5 to 92 hp, no one gives you more choices – or more machine for your money – than Bobcat. Get your choice of vertical lift path or radius lift path arm configurations. Take advantage of exclusive designs and groundbreaking technology. With Bobcat, you'll always get more, which means you'll have an easier time finding the machine that's matched to your job.



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Bobcat Loaders...

Bobcat Excavators...

A Perfect Combination.

If you want to push your productivity to new heights, pair your loader with a Bobcat excavator.

Ultimate Equipment Combination

If you are replacing your backhoe, nothing beats the versatility and speed of a Bobcat skid-steer loader working in tandem with a Bobcat compact excavator.

Versatility

Backhoes offer just a few attachments. The skid-steer loader and excavator can use up to 60 different attachments, giving you access to more jobs.

Compact Efficiency

Compact excavators are designed for long periods of excavating. The compact size allows use in confined areas like backyards and inside buildings. And with the operator's offset position in the cab, there is better visibility to the bucket.

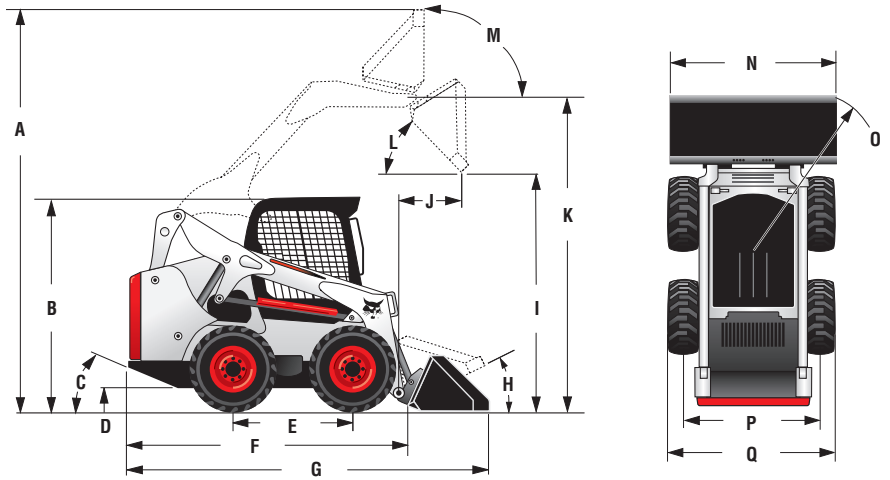
Better Spoil Placement

Excavators offer unlimited spoil dumping options with 360 degrees of rotation. You can also dig in any position around the machine.

More Efficiency Saves You Money

You can only accomplish one thing at a time with a backhoe. When you combine a Bobcat skid-steer loader with a compact excavator, you can double your productivity. One can dig while another can backfill or load trucks at the same time.

Specifications



	S70	S100	S450	S510	S530	S550	S570
A	120.1 in. (3051 mm)	130.2 in. (3306 mm)	141.9 in. (3604 mm)	149.1 in. (3787 mm)	153.6 in. (3901 mm)	149.1 in. (3787 mm)	153.6 in. (3901 mm)
B	71.4 in. (1814 mm)	73.9 in. (1878 mm)	77.8 in. (1976 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)
C	25°	25°	28°	24°	24°	24°	24°
D	5.5 in. (141 mm)	6.6 in. (167 mm)	8.4 in. (213 mm)	7.3 in. (185 mm)	7.3 in. (185 mm)	7.3 in. (185 mm)	7.3 in. (185 mm)
E	28.4 in. (722 mm)	32.2 in. (818 mm)	50.2 in. (1275 mm)	42.6 in. (1082 mm)	42.6 in. (1082 mm)	42.6 in. (1082 mm)	42.6 in. (1082 mm)
F	75.6 in. (1925 mm)	89.1 in. (2263 mm)	98.4 in. (249 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)	104.6 in. (2657 mm)
G	97.3 in. (2472 mm)	110.2 in. (2800 mm)	126.6 in. (3216 mm)	133 in. (3378 mm)	133 in. (3378 mm)	133 in. (3378 mm)	133 in. (3378 mm)
H	25°	28°	28°	30°	30°	30°	30°
I	76.1 in. (1934 mm)	82 in. (2084 mm)	83.8 in. (2129 mm)	86.8 in. (2205 mm)	91.3 in. (2319 mm)	86.8 in. (2205 mm)	91.3 in. (2319 mm)
J	15.8 in. (400 mm)	15.4 in. (390 mm)	23.5 in. (597 mm)	17 in. (432 mm)	32.6 in. (828 mm)	17 in. (432 mm)	32.6 in. (828 mm)
K	94.5 in. (2399 mm)	103.6 in. (2633 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119 in. (3023 mm)	114.5 in. (2908 mm)	119 in. (3023 mm)
L	34°	43°	40°	42°	42°	42°	42°
M	97°	95°	91°	97°	97°	97°	97°
N	36 in. (914 mm)	50 in. (1270 mm)	56 in. (1422 mm)	68 in. (1727 mm)	68 in. (1727 mm)	68 in. (1727 mm)	68 in. (1727 mm)
O	58.7 in. (1492 mm)	68.2 in. (1731 mm)	77.9 in. (1979 mm)	80 in. (2032 mm)	79.7 in. (2024 mm)	80 in. (2032 mm)	79.7 in. (2024 mm)
P	29.6 in. (752 mm)	38.1 in. (967 mm)	43.2 in. (1097 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)	54.1 in. (1374 mm)
Q	35.5 in. (901 mm)	45.9 in. (1167 mm)	55 in. (1397 mm)	64.7 in. (1643 mm)	64.7 in. (1643 mm)	64.7 in. (1643 mm)	64.7 in. (1643 mm)

	S590	S630	S650	S750	S770	S850	A770
A	153.6 in. (3901 mm)	155.5 in. (3950 mm)	158.5 in. (4026 mm)	166.6 in. (4232 mm)	166.6 in. (4232 mm)	178.6 in. (4536 mm)	166.6 in. (4232 mm)
B	77.8 in. (1972 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	83.4 in. (2118 mm)	81.3 in. (2065 mm)
C	24°	25°	25°	25°	25°	27°	25°
D	7.3 in. (185 mm)	8.1 in. (207 mm)	8.1 in. (207 mm)	8.1 in. (207 mm)	8.1 in. (207 mm)	9.4 in. (240 mm)	8.1 in. (207 mm)
E	42.6 in. (1082 mm)	45.3 in. (1150 mm)	45.3 in. (1150 mm)	48.3 in. (1227 mm)	48.3 in. (1227 mm)	52.9 in. (1342 mm)	48.3 in. (1227 mm)
F	104.6 in. (2657 mm)	108.4 in. (2754 mm)	108.4 in. (2754 mm)	114.3 in. (2903 mm)	114.3 in. (2903 mm)	119.3 in. (3030 mm)	114.3 in. (2903 mm)
G	133 in. (3378 mm)	136.8 in. (3474 mm)	136.8 in. (3474 mm)	141.6 in. (3597 mm)	141.6 in. (3597 mm)	147.7 in. (3751 mm)	141.6 in. (3597 mm)
H	30°	31°	31°	32°	32°	31°	32°
I	91.3 in. (2319 mm)	93.2 in. (2367 mm)	96.3 in. (2447 mm)	104.3 in. (2649 mm)	104.3 in. (2649 mm)	116.2 in. (2951 mm)	104.3 in. (2649 mm)
J	32.6 in. (828 mm)	21.4 in. (544 mm)	31.5 in. (800 mm)	31.5 in. (800 mm)	31.5 in. (800 mm)	29.7 in. (754 mm)	31.5 in. (800 mm)
K	119 in. (3023 mm)	121 in. (3073 mm)	124 in. (3149 mm)	132 in. (3353 mm)	132 in. (3353 mm)	144 in. (3657 mm)	132 in. (3353 mm)
L	42°	42°	42°	42°	42°	42°	42°
M	97°	97°	97°	98°	98°	98°	98°
N	68 in. (1727 mm)	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	80 in. (2032 mm)	74 in. (1880 mm)
O	79.7 in. (2024 mm)	83.4 in. (2119 mm)	82.9 in. (2106 mm)	85.8 in. (2179 mm)	85.8 in. (2179 mm)	89 in. (2262 mm)	85.8 in. (2179 mm)
P	55.5 in. (1410 mm)	59.3 in. (1507 mm)	59.3 in. (1507 mm)	59.3 in. (1507 mm)	59.3 in. (1507 mm)	65.1 in. (1652 mm)	61.9 in. (1572 mm)
Q	65.2 in. (1656 mm)	72.1 in. (1832 mm)	72.1 in. (1832 mm)	72.1 in. (1832 mm)	72.1 in. (1832 mm)	79 in. (2005 mm)	74.7 in. (1897 mm)

Specifications and Features AWS and Skid-Steer Loaders



Loader	S70	S100	S450	S510	S530	S550	
Loader Series	K-Series	K-Series	M-Series	M-Series	M-Series	M-Series	
Rated Operating Capacity (ROC)	700 lb. (318 kg)	1000 lb. (453 kg)	1300 lb. (590 kg)	1650 lb. (748 kg)	1850 lb. (840 kg)	1750 lb. (794 kg)	
ROC with Counterweight (optional)	-	-	●			Counterweight kits are	
Tipping Load	1512 lb. (686 kg)	2002 lb. (908 kg)	2600 lb. (1179 kg)	3300 lb. (1497 kg)	3700 lb. (1678 kg)	3500 lb. (1588 kg)	
Height to Hinge Pin	94.5 in. (2399 mm)	103.6 in. (2633 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)	119.0 in. (3023 mm)	114.5 in. (2908 mm)	
Lift Arm Path	Radius	Radius	Radius	Radius	Vertical	Radius	
Size and Speed							
Operating Weight	2795 lb. (1268 kg)	4091 lb. (1856 kg)	5027 lb. (2280 kg)	6213 lb. (2818 kg)	6480 lb. (2939 kg)	6213 lb. (2818 kg)	
Bucket Width	36 in. (914 mm)	50 in. (1270 mm)	62 in. (1575 mm)	68 in. (1727 mm)	68 in. (1727 mm)	68 in. (1727 mm)	
Cab Height	71.4 in. (1814 mm)	73.9 in. (1878 mm)	77.8 in. (1976 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	77.8 in. (1972 mm)	
Travel Speed-Low Range	6.1 mph (9.8 km/hr.)	6.4 mph (10.3 km/hr.)	7.1 mph (11.4 km/hr.)	7.4 mph (11.8 km/hr.)	7.4 mph (11.8 km/hr.)	7.4 mph (11.8 km/hr.)	
Travel Speed-High Range (optional 2-speed)	-	8.7 mph (14 km/hr.)	9.2 mph (14.8 km/hr.)	11.0 mph (17.3 km/hr.)	11.0 mph (17.3 km/hr.)	11.0 mph (17.3 km/hr.)	
Engine							
Horsepower	Tier 4 23.5 hp	Interim Tier 4 Compliant 35.5 hp	Tier 4 49 hp	Tier 4 49 hp	Tier 4 49 hp	Tier 4 61 hp	
Type	Diesel	Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	
Fuel Tank Capacity	6.5 gal. (24.6 L)	11.9 gal. (45 L)	14.4 gal. (54.5 L)	24.75 gal. (93.7 L)	24.75 gal. (93.7 L)	24.75 gal. (93.7 L)	
Horsepower Management	-	●	-	-	-	-	
Diesel Particulate Filter (DPF)	No	No	No	No	No	No	
Diesel Exhaust Fluid (DEF)	No	No	No	No	No	No	
Uptime Protection							
Axle Grease	Never	Never	Never	Never	Never	Never	
Axle Seal Protection	Std	Std	Std	Std	Std	Std	
Bobcat SmartFAN®	-	-	Std	Std	Std	Std	
Dual Path Cooling System	-	Std	Std	Std	Std	Std	
Machine Shutdown Protection	Opt	Std	Std	Std	Std	Std	
Required Chain Adjustment	Never	Never	Never	Never	Never	Never	
Tires							
Bobcat Standard Duty	Std	-	Opt	Std	Std	Std	
Bobcat Heavy Duty	Opt	Std	Std	Opt	Opt	Opt	
Bobcat Severe Duty	-	-	Opt	Opt	Opt	Opt	
Bobcat Super Float	-	-	Opt	Opt	Opt	Opt	
Control Options							
Bobcat Standard (foot pedals/steering levers)	Std	Std	Std	Std	Std	Std	
Advance Control System (ACS)	-	-	Opt	Opt	Opt	Opt	
Selectable Joystick Control (SJC)	-	Opt	Opt	Opt	Opt	Opt	
Dual Steering Mode (All-Wheel Steer or Skid-Steer)	-	-	-	-	-	-	
Radio Remote Control (SJC Required)	-	Opt	Opt	Opt	Opt	Opt	
Standard Control Power Assist	-	-	-	-	-	-	
Machine Features							
Air Ride Seat	-	Opt	Opt	Opt	Opt	Opt	
Back-up Alarm & Horn	Std	Std	Std	Std	Std	Std	
Bobcat Interlock Control System (BICS™)	Std	Std	Std	Std	Std	Std	
Cab with Heat	Opt	Opt	Opt	Opt	Opt	Opt	
Cab with Heat & Air Conditioning	-	-	Opt	-	-	Opt	
Deluxe Instrumentation (includes Keyless Start)	-	Opt	Opt	Opt	Opt	Opt	
Hydraulic Bucket Positioning	Opt	Opt	Opt	Opt	Opt	Opt	
Mechanical Suspension Seat	Opt	Opt	Opt	Opt	Opt	Opt	
Front and Rear Work Lights	Std	Std	Std	Std	Std	Std	
Radio	Opt	Opt	Opt	Opt	Opt	Opt	
Ride Control	-	-	Opt	Opt	Opt	Opt	
ROPS/FOPS Approved Cab Structure	Std	Std	Std	Std	Std	Std	
Sound Reduction Package	Opt	Opt	Opt	Opt	Opt	Opt	
2-Speed	-	Opt (w/SJC)	Opt (w/SJC)	Opt	Opt	Opt	
Features for Attachments							
Attachment Control Kit	Opt	Opt	Opt	Opt	Opt	Opt	
Bob-Tach™ Mounting System	Std	Std	Std	Std	Std	Std	
Power Bob-Tach™	-	Opt	Opt	Opt	Opt	Opt	
Fingertip Auxiliary Hydraulics Control	-	Opt (w/SJC)	Std	Std	Std	Std	
Hydraulic System Pressure	3000 psi	3000 psi	3300 psi	3500 psi	3500 psi	3500 psi	
Hydraulic Standard Flow	9.8 gpm (37.1 L/min.)	13.1 gpm (49.6 L/min.)	16.7 gpm (63.2 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)	
Hydraulic High Flow (optional)	-	-	-	-	-	26.7 gpm (101.1 L/min.)	
Pressure Release Hydraulic Quick Couplers	-	Opt (w/SJC)	Std	Std	Std	Std	
Speed Management	-	●	-	-	-	-	



S570	S590	S630	S650	S750	S770	S850	A770
M-Series	M-Series	M-Series	M-Series	M-Series	M-Series	M-Series	M-Series
1950 lb. (885 kg)	2100 lb. (952 kg)	2180 lb. (989 kg)	2690 lb. (1220 kg)	3200 lb. (1452 kg)	3350 lb. (1520 kg)	3950 lb. (1792 kg)	3325 lb. (1508 kg)
available to increase ROC. See dealer on available kits and ROC increases for your loader.							
3900 lb. (1769 kg)	4200 lb. (1905 kg)	4360 lb. (1978 kg)	5380 lb. (2440 kg)	6400 lb. (2903 kg)	6700 lb. (3039 kg)	7900 lb. (3583 kg)	6650 lb. (3016 kg)
119.0 in. (3023 mm)	119.0 in. (3023 mm)	121 in. (3073 mm)	124 in. (3149 mm)	132 in. (3353 mm)	132 in. (3353 mm)	144 in. (3657 mm)	132 in. (3353 mm)
Vertical	Vertical	Radius	Vertical	Vertical	Vertical	Vertical	Vertical
6480 lb. (2939 kg)	6593 lb. (2990 kg)	7707 lb. (3496 kg)	8327 lb. (3777 kg)	8730 lb. (3960 kg)	9175 lb. (4162 kg)	10008 lb. (4540 kg)	9460 lb. (4291 kg)
68 in. (1727 mm)	68 in. (1727 mm)	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	74 in. (1880 mm)	80 in. (2032 mm)	74 in. (1880 mm)
77.8 in. (1972 mm)	77.8 in. (1972 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	81.3 in. (2065 mm)	83.4 in. (2118 mm)	81.3 in. (2065 mm)
7.4 mph (11.8 km/hr.)	7.4 mph (11.8 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)	7.1 mph (11.4 km/hr.)
11.0 mph (17.3 km/hr.)	11.0 mph (17.3 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)	12.3 mph (19.8 km/hr.)
Tier 4	Tier 4	Interim Tier 4 Compliant	Interim Tier 4 Compliant	Interim Tier 4 Compliant	Interim Tier 4 Compliant	Interim Tier 4 Compliant	Interim Tier 4 Compliant
61 hp	66 hp	74.3 hp	74.3 hp	85 hp	92 hp	92 hp	92 hp
Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel	Turbo Diesel
24.75 gal. (93.7 L)	24.75 gal. (93.7 L)	27.2 gal. (103.1 L)	27.2 gal. (103.1 L)	27.2 gal. (103.1 L)	27.2 gal. (103.1 L)	32.8 gal. (124.2 L)	27.2 gal. (103.1 L)
Included with SJC Option						Std	Std
No	No	No	No	Yes	Yes	Yes	Yes
No	No	No	No	No	No	No	No
Never	Never	Never	Never	Never	Never	Never	Never
Std	Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std	Std
Never	Never	Never	Never	Never	Never	Never	Never
Std	-	-	-	-	-	-	-
Opt	Opt	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Std	Opt	Opt	Opt	Opt	-	Opt
Std	Std	Std	Std	Std	Std	-	-
Opt	Opt	Opt	Opt	Opt	Opt	-	-
Opt	Opt	Opt	Opt	Opt	Opt	Opt	-
-	-	-	-	-	-	-	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
-	-	-	-	-	-	Std	-
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std	Std
Std	Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	-
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Std	Std
Std	Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Opt	Opt	Opt	Opt	Opt	Opt	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std	Std
Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
Std	Std	Std	Std	Std	Std	Std	Std
3500 psi	3500 psi	3500 psi	3500 psi	3500 psi	3500 psi	3500 psi	3500 psi
17.1 gpm (64.7 L/min.)	17.1 gpm (64.7 L/min.)	23 gpm (87.1 L/min.)	23 gpm (87.1 L/min.)	23 gpm (87.1 L/min.)	23 gpm (87.1 L/min.)	23 gpm (87.1 L/min.)	23 gpm (87.1 L/min.)
26.7 gpm (101.1 L/min.)	26.7 gpm (101.1 L/min.)	30.5 gpm (115.5 L/min.)	30.5 gpm (115.5 L/min.)	36.6 gpm (138.5 L/min.)	36.6 gpm (138.5 L/min.)	36.6 gpm (138.5 L/min.)	36.6 gpm (138.5 L/min.)
Std	Std	Std	Std	Std	Std	Std	Std
Included with SJC Option (see attachment section for details)						Std	Std

The leader in versatility and maneuverability.



Skid-Steer Loaders



Compact Track Loaders



All-Wheel Steer Loaders



Compact Excavators



Mini Track Loaders



VersaHandler® Telescopic Tool Carriers



Toolcat™ Utility Work Machines



Utility Vehicles



Attachments



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PIONEERING MANEUVERABILITY

Bobcat introduced its first compact loader in 1958 and two years later, the world's first skid-steer loader. This created an entire industry of machines that put the power of large equipment in a compact size with unmatched maneuverability.

OFFERING MORE VERSATILITY

In 1970 Bobcat invented the first quick-change attachment system for skid-steer loaders, known as the Bob-Tach® mounting system. Today we offer more attachments than anyone in the world, empowering customers to transform all of our machines into multi-task attachment carriers and reach higher levels of production.

ONE TOUGH ANIMAL™

All over the world, Bobcat® equipment is known for being durable and dependable. By lasting longer and minimizing downtime, we help our customers become as successful as possible.

HELP WHEN YOU NEED IT

With 50 years of experience and more than 550 locations, we offer the best dealer network in the country for compact equipment. Our dealers offer a quality sales force, dependable parts departments and qualified service technicians, all leading to a quality customer experience.



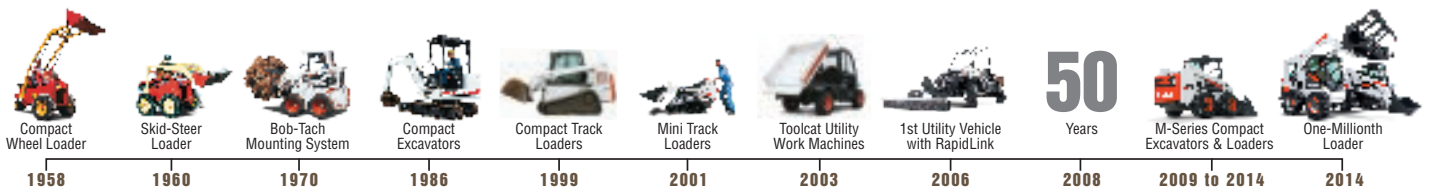
A CONSTANT INNOVATOR

In the late 1950s, a turkey farmer needed help — so in 1958 we introduced what was to become the world's first skid-steer loader. We created an industry by listening to the needs of the customer. This focus is the same today. In 2000, a superintendent needed help — so we built the world's first Toolcat™ utility work machine. We continue to be a global leader in innovation by listening to our customers.

LEADER BY DESIGN

Listening to the customer and a pioneering spirit are why Bobcat continues to lead the evolution of compact equipment ...

- 1960** – Invented the **FIRST** true skid-steer loader.
- 1970** – Invented the **FIRST** attachment mounting system for skid-steer loaders.
- 1977** – Built the **FIRST** skid-steer loader with no chain adjustments required. Still a Bobcat exclusive.
- 1981** – Introduced the **FIRST** secondary restraint seat bar.
- 1983** – The **FIRST** skid-steer loader with a transversely mounted engine. Still a Bobcat exclusive.
- 1990** – Introduced the **FIRST** compact excavator manufactured in the U.S.
- 1999** – Introduced the **FIRST** compact track loader with a solid-mounted undercarriage manufactured in the U.S.
- 2001** – Invented the **FIRST** loader with all-wheel steer and skid-steer capabilities. Still a Bobcat exclusive.
- 2003** – Revolutionized the way the world works with the invention of the Toolcat™ line, the world's **FIRST** utility work machines — a cross between a pickup, attachment carrier and utility vehicle. Still a Bobcat exclusive.
- 2006** – Introduced the **FIRST** utility vehicle with RapidLink™ attachment mounting system.
- 2008** – Roller Suspension™, the **FIRST** all-steel suspension system, was introduced.
- 2009** – Launched M-Series compact excavators and loaders.
- 2011** – The M-Series loader models S850 and T870 became the largest and most powerful in our lineup.
- 2012** – Bobcat introduced two new sizes of extendable-arm excavator options that are both attachment and clamp-ready.
- 2013** – The M-Series 500 frame-size loaders replaced the popular S185 and T190 (among many others). This loader size is the most popular in the world and has been for two decades.
- 2014** – Bobcat launches the 400 frame-size loaders, completing the M-Series line; manufactures its one-millionth loader; introduces its own Tier 4, non-DPF engines; and opens the Bobcat Acceleration Center, a dedicated innovation, testing and technology facility.
- Today** – There are more Bobcat skid-steer loaders at work around the world than all other brands combined.
- Today** – Bobcat manufactures more attachments than anyone in the world.
- Today** – Bobcat is the only company that offers operator training kits for compact equipment.
- Today** – Bobcat offers a full range of extendable-arm options, three sizes fitting five different excavator models.
- Today** – Compact track loaders are rapidly becoming the product of choice in many market segments.



BOBCAT TIMELINE

M-SERIES

500 PLATFORM



THE MOST POPULAR LOADERS OF ALL TIME

JUST GOT MORE **M**-PRESSIVE



The best is even better. The Bobcat S185 and T190 were the best selling skid-steer loader and compact track loader in North America for more than a decade. Bobcat is excited to announce that these models – and five others – have been completely redesigned to increase performance, reliability and comfort. Visit Bobcat.com/500 or scan the code to see what makes these legendary loaders better than ever.

NOTE - Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are given for loader equipped with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.

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Bobcat

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