



863
G-SERIES
SKID-STEER LOADER





Name your task — digging, loading, pushing, backfilling, grading, spreading, hauling, demolishing. The Bobcat 863 skid-steer loader cuts 'em all down to size. And no wonder. Its turbo-charged 73 hp Deutz diesel engine delivers plenty of power, hydraulic breakout force and impressive tractive effort. Rated operating capacity is a hefty 1900 lb. for handling big loads with ease. The 863's reach of 21.3 inches and 121-inch lift height mean effortless loading and unloading. And with its extended wheelbase, this exceptional machine gives you a smooth ride even on the toughest jobs.

DIG. LIFT. PUSH.

The Bobcat® 863 saves you time, effort and money!

You'll get profit-making performance from your Bobcat 863 G-Series skid-steer loader no matter what job you tackle. The 863 handles every task with strength, speed and smoothness — all packaged in a compact machine less than 7 feet tall, just over 11 feet long, and only about 6 feet wide. That's a big plus when working space is limited. If you're looking for a loader with muscle and maneuverability, the 863's got it all!

FACTORY INSTALLED
Air Conditioning
NOW AVAILABLE





Extra Hydraulic Power! *The 863 with high-flow option package gives your 863 loader an extra 10 GPM of hydraulic flow, for a total of 30 GPM. This, along with 3000 PSI system pressure, allows you to operate special high-performance attachments, including the chipper, pavement planer, stump grinder and trencher.*

Two-speed option allows travel up to 12.5 mph.

Low to high range speeds from 7.2 mph to 12.5 mph.

When longer travel distances are required, the two-speed option becomes a necessity. This "on-the-go" feature is activated by a rocker switch on the right-hand steering handle. An illuminated rabbit icon on the dash panel indicates when the loader is traveling in high range.

Choice of Attachments.

As with any Bobcat loader, you can count on a variety of quick-mounting Bobcat attachments for your 863. The operator can easily replace a bucket with a backhoe, pallet fork, landscape rake, sweeper, tiller, grapple and many more. Hookup is easier with new optional Power Bob-Tach!

Built-In Safety.

The 863 gives you the latest in safety technology — the Bobcat Interlock Control System (BICS™). BICS requires the operator to be seated in the loader with the seat bar in place and the engine running. After the operator presses the "press to operate loader" button, the hydraulic lift, tilt functions and traction drive system can be operated.

Serviceability.

Bobcat serviceability is unsurpassed. Simply open the swing-out tailgate for full access to the engine's checks and fills, filters and battery. And unlike other brands, the lift arms need not be raised to service the machine. Shop time is spent repairing, not gaining access.



Exclusive Bob-Tach System.

For fast, secure attachment changes. Bob-Tach frame (A) moves into attachment flange (B) handle (C) pushes down easily, pressing wedge (D) through frame and attachment hole for solid connection.

Power Bob-Tach available!

Adjustment Not Needed.

The Bobcat "bow-tie" drive chain design uses pre-stressed, heavy-duty drive chains in two short continuous loops on each side. That means no periodic, time-consuming adjustments, plus long life even in the most rugged conditions.



Clean Cooling.

The exclusive Bobcat dual path cooling system brings clean, cool air from above, through the engine and hydraulic oil coolers, mixes it with engine compartment air, then exhausts it out two side vents.



Bearing Grease Forget It!



1,900 <small>lb.</small>	121 <small>in.</small>	21.3 <small>in.</small>	6.6 <small>mph</small>	7.2/12.5 <small>mph</small>	73 <small>hp</small>	20/30 <small>gpm</small>
Rated Operating Capacity	Lift Height	Reach	Travel Speed	Travel Speed Two-Speed Option	Turbo-Charged Diesel Engine	Auxiliary Flow/High-Flow



G-Series engineering sets the standard for comfort, visibility and performance!

Greater Comfort.

- The G-Series cab is operator-friendly, designed for maximum comfort and functionality.
- With its larger cab opening, the 863 is easy to enter and exit.
- The innovative seat bar pivots from the rear, providing secondary restraint protection and serving as a comfortable armrest for operators of all sizes.
- High-output halogen headlamps double the amount of illumination to the work area for better operation in low light.
- The 863 G-Series also features an easy-to-read, highly functional instrument panel, along with a number of value-added options.
- Air Conditioning now available! Full climate-controlled cab!

More Options.

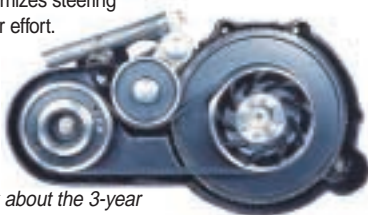
- Factory- or field-installed deluxe instrument panel includes keyless start, feature lockouts, monitoring and diagnostic functions.
- High-flow auxiliary hydraulics for operating attachments such as planers and chippers.
- Fully-adjustable suspension seat, cab heat and air conditioning provide all-day operator comfort.
- Advanced Control System (ACS) allows operator to select between hand control or foot control of lift and tilt hydraulic functions.
- Power Bob-Tach permits changing standard attachments with the flip of a switch — without leaving the cab. (Hydraulic-driven attachments require operator to shut off engine and exit cab to connect and disconnect the hydraulics.)
- Two-speed option allows travel up to 12.5 mph (includes 3-point seat belt).

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Self-lubricating axle bearings never need greasing. The unique hub design offers great seal protection.

Belt Drive Advantage.

The Bobcat belt drive advantage means Bobcat loader engines can be run slower, resulting in a quieter machine that lasts longer and uses less fuel. This system also maximizes pump efficiency and minimizes steering lever effort.



Ask about the 3-year belt warranty!

Training Resources.

Training kits, available through your Bobcat dealer's parts department, let you train current and new operators and service technicians on the latest safety operation and servicing functions on Bobcat skid-steer loaders. A Spanish language version is also available. Check the Bobcat website for more information: www.bobcat.com



SKID-STEER LOADER

Worldwide Support.

With the Bobcat 863 G-Series you get more than just an exceptional skid-steer loader.

You also get the support of a worldwide network of Bobcat dealers offering industry-leading attachments, accessories and parts availability. Their factory-trained service technicians are equipped to handle all your parts and service requirements, including engine and hydrostatic/hydraulic components.

There's an excellent warranty program, too. Get all the details from your Bobcat dealer.

The standard of design, productivity and comfort!

The Bobcat 863 G-Series loader delivers a wide range of innovative operator-friendly features and exciting value-added options.



Left Side Instrument Panel



Right Side Standard Instrument Panel



Optional Deluxe Instrument Panel

State-of-the-art instrument panels provide dozens of operational features, diagnostics and monitoring. Optional deluxe instrument panel includes keyless start security system, feature lockouts, digital time and job clocks, multi-language display, even a "help" menu.



More Operator Comfort

The optional, fully-adjustable suspension seat allows comfortable all-day operation. The innovative seat bar pivots from the rear, providing secondary restraint protection and serving as a comfortable armrest for operators of all sizes.



Climate-Controlled Cab

High-visibility front door — with 49% more glass — includes wiper and washer. The cab enclosure with top, rear and side windows, will completely seal the cab for efficient use of heater or the new air conditioning option.

The 863 G-Series Standard

Combine all these outstanding features with the 863 G-Series' ease of operation, versatility, maneuverability, wide choice of attachments, worldwide dealer support, service backup, parts availability and high resale, and it all adds up to:

The Bobcat Advantage

Total value that can't be matched.

Bobcat® 863 G-Series Skid-Steer Loader

SPECIFICATIONS

Performance

863

Rated Operating Capacity¹
ROC with optional counterweight
Tipping Load
Hydraulic Pump Capacity
High Flow Option
Travel Speed
Two-Speed Option – Low Range
– High Range
Operating Weight

1900 lb. (862 kg)
2000 lb. (907 kg)
3800 lb. (1724 kg)
20.0 GPM (75.7 L/min.)
30.0 GPM (113.6 L/min.)
6.6 mph (10.6 km/hr.)
7.2 mph (11.6 km/hr.)
12.5 mph (20.1 km/hr.)
7045 lb. (3196 kg)

Dimensions

Length (with bucket)
Width (with bucket)
Height
Height to Bucket Pin

135.4 in. (3439 mm)
74.0 in. (1880 mm)
82.3 in. (2090 mm)
121.0 in. (3073 mm)

Engine

Make/Model
Fuel/Cooling
Cylinders
SAE NET HP/Displacement
Fuel Tank Capacity

Deutz/BF4M1011F Turbo-charged
Diesel/Oil
4
73.0/178 in.³ (2.92 L)
25 gal. (94.6 L)

Operation

Steering and Drive
Hydraulics

Forward, reverse, travel speed and steering controlled by two hand levers.
Raise/lower lift arms and dump/rollback bucket controlled by two foot pedals or optional hand controls.
Hydrostatic, four-wheel drive.

Standard Features

Adjustable Cushion Seat Automatically Activated Glow Plugs Bobcat Interlock Control System (BICS™) Bob-Tach Deluxe Cab Dual Path Cooling System	Engine/Hydraulic System Shutdown Front Auxiliary Hydraulics Front & Rear Lights Lift Arm Support Gauges/Warning Lights	Parking Brake Seat Bar (available for all Bobcat loaders) Seat Belt 12-16.5 Bobcat Heavy Duty Tires Top & Rear Windows Turbo-Charger* (Approved Spark Arrestor)
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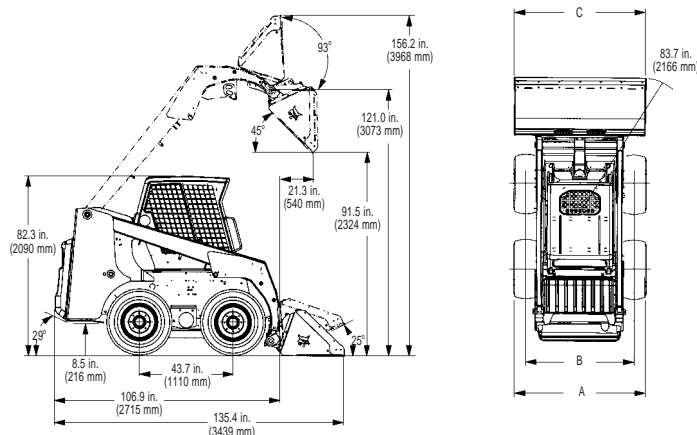
Options/Accessories

Advanced Control System (ACS) Advanced Hand Controls Air Conditioning Attachment Control Kit Backup Alarm Cab Enclosure Cab Heater Catalytic Purifier Counterweight Deluxe Instrumentation	Flasher/Strobe/Rotating Beacon Lights High Flow Auxiliary Hydraulics Package Horn Hydraulic Bucket Positioning ² Keyless Start System Power Bob-Tach Radio Kit Rear Auxiliary Hydraulics Segmented Tires	Service Safety Training Kit Side Windows Skid-Steer Loader Operator Training Kit Solid Tires Sound Cab Special Applications Kit ³ Suspension Seat (vinyl or cloth cover) Two-Speed Ultra Grip Flotation Tires Water Kit
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Bobcat Attachments

Angle Broom* Auger Backhoe Brushcat Rotary Cutter Buckets* Chipper* Combination Bucket Concrete Mixer* Concrete Pump* Cutter Crusher Digger Dozer Blade* Dumping Hopper Ejector Bucket Farm Grapple (for use with utility forks or bucket)	Front Scarifier Grader* HD80 Disc Hydraulic Breaker ⁴ Hydraulic Pallet Forks Industrial Grapple Landplane Landscape Rake Pallet Forks Planer* Rear Stabilizer Snow Blade Snowblower* Sod Layer* Soil Conditioner*	Stump Grinder* Super Scraper Sweeper Three-Point Hitch Tiller Tilt-Tatch Tracks Tree Spade Trench Compactor Trencher Utility Forks Vibratory Roller
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*Attachment Control Kit Required.



THE BOBCAT 863 G-SERIES SKID-STEER LOADER. A LEAP AHEAD IN PERFORMANCE!

Experience the incredible power and smooth ride of the 863 G-Series extended wheelbase loader. It delivers 1900 pounds of lift (rated operating capacity), along with jobsite versatility, dependability and unmatched serviceability. It's definitely the right loader for the toughest applications!

The 73 hp, 4-cylinder, turbo-charged, oil-cooled Deutz diesel engine produces plenty of 4-wheel-drive power that translates into impressive tractive effort and pushing ability. A 20 GPM pump and 3000 PSI generate excellent hydraulic breakout as well as power for running attachments, including augers, landscape rakes, tillers, breakers and others.

All that muscle in such a compact machine — only 82.3 inches high, 68 or 74 inches wide and just under 136 inches long!

The 863 high-flow option package provides an additional 10 GPM of flow, for a total auxiliary hydraulic flow of 30 GPM and 3000 PSI system pressure. This gives you the extra hydraulic horsepower required to operate Bobcat high-flow attachments.

The loader's 43.7-inch extended wheelbase produces a smooth ride, and the 6.6 mph travel speed is handy when longer travel distances are required. (Two-speed available — up to 12.5 mph)

Other performance features include the 863's transverse-mounted engine for single-side servicing, dual path cooling, well-protected axle seals, automatically-lubricated axle bearings, cushioned tilt cylinder, unsurpassed operator comfort and security, and more.

Combine all that with performance, safety, higher resale and wide choice of attachments, and it adds up to the best equipment value on the market today. That's **The Bobcat Advantage!**

1900 LB.

Rated Operating Capacity

121 IN.

Lift Height

73 HP

Turbo-Charged, Oil-Cooled Diesel Engine

¹Operating capacity rated with standard digging bucket according to SAE standard J818 - OPERATING CAPACITY TO EQUAL NO MORE THAN ONE HALF THE TIPPING LOAD.

²Bucket positioning helps operator keep the same tilt of the load during lifting.

³Includes lexan front door, top and rear windows.

⁴Special application kit (see #3) must be used.

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 skid-steer loaders may show other than standard equipment. 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.

C - 74 in. Bucket Width - 74.0 in. (1880 mm)
68 in. Bucket Width - 68.0 in. (1727 mm)

A - 12-16.5 Tires - 67.0 in. (1702 mm)
12-16.5 Tires - 72.0 in. (1829 mm)
33-15.5 x 16.5 Tires - 76.8 in. (1951 mm)

B - 12-16.5 Tires - 54.4 in. (1382 mm)
12-16.5 Tires - 59.2 in. (1503 mm)
33-15.5 x 16.5 Tires - 61.6 in. (1565 mm)



B-1687

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