



# BACKHOE LOADERS

B760





# MOVE THE JOB FORWARD FROM **ANY DIRECTION.**



The Bobcat® B760 is an outstanding center-pivot backhoe loader that's designed with durability, easy operation, simple maintenance and incredible performance in mind. This digging, trenching and loading workhorse delivers 96 horsepower and nearly 180 degrees of backhoe swing for the job – without sacrificing essential maneuverability and jobsite accessibility.





## **MAXIMUM VERSATILITY**

Load and carry in front. Dig in back. The B760 pulls double duty on a wide range of jobs. With a growing lineup of approved Bobcat attachments, the backhoe can tackle a variety of tasks.

## **JOBSITE ACCESSIBILITY AND MANEUVERABILITY**

The Bobcat backhoe loader is big enough for heavy-duty work, but it can also navigate smaller jobsites and maneuver around obstacles.



# LOAD UP THE PRODUCTIVITY. DIG INTO A CHALLENGE.

The performance of the B760 gives you powerful digging, loading and carrying capability built into one tough machine.

### EXTENDABLE BACKHOE ARM

When you need extra reach on command, the standard extendable arm increases the backhoe's maximum digging depth from 15.4 feet to 18.4 feet, providing up to 8 inches more dig depth compared to other machines of the same size.

### HIGH LOADER LIFT HEIGHT, REACH AND LIFT CAPACITY

With 11.3 feet of lift height and 3.95 feet of reach at full height, operators have ample performance for loading trucks or placing material in hard-to-reach areas. With the standard 1.3-cubic-yard general purpose bucket, the B760 has a loader lift capacity of 7,985 pounds.

### WIDE BACKHOE WORKING RANGE

Nearly 180 degrees of swing. 22 feet of reach from swing center. 2,204 pounds of lift capacity at full reach. The B760 delivers the performance and working range you need for minimal repositioning and fast cycle times.

### POWER SHIFT, FOUR-WHEEL DRIVE TRANSMISSION

Move through tough terrain with four-wheel drive. Transition smoothly to or from two-wheel drive. The power shift transmission offers easy on-the-fly shifting.

### HIGH TRAVEL SPEEDS

Save time on travel and trailering with a swift 22.6 mph travel speed.



### POWERFUL BREAKOUT FORCES

Exceptional arm and bucket breakout forces help you confidently dig in to conquer all types of difficult jobs.



## **POWERFUL AND EFFICIENT BOBCAT ENGINE**

The 3.4-liter, 96-horsepower Bobcat turbo-charged engine delivers powerful, high-torque performance and excellent efficiency.

## **RETURN TO DIGGING POSITION**

When activated, operators can quickly return the bucket to the digging position to maximize efficiency and enhance productivity.

## **DURABLE STABILIZERS/OUTRIGGERS**

Stabilizers provide a wide and solid footing to enhance your digging performance. The stabilizers feature rubber pads for reduced wear on concrete or other finished surfaces.

## **RIDE CONTROL**

With the standard ride control engaged, you'll have a comfortable ride while driving on roads or traversing rough terrain on the jobsite. Ride control absorbs shocks in the loader arms, optimizing your travel speed, reducing bucket spillage and extending component life.



**Durable construction, component protection and easy maintenance help you keep the accomplishments coming, job after job.**

## EASY MAINTENANCE ACCESS

The one-piece hood lifts easily out of the way, giving you wide-open access to the engine compartment. With easy-to-reach service points and simple engine and component layouts, you can easily perform daily maintenance checks and routine service in less time.

## SWING/BOOM LOCK

The one-piece backhoe swing lock keeps the backhoe secure when driving down the road or across the jobsite.

## LIFT ARM SUPPORT

Using the approved lift arm support, you can move the lift arms out of the way for service and maintenance.

## REAR FENDERS

Durable fenders minimize the throw of mud, dirt and other debris from the tires.

## DURABLE WORKING GROUP

With heavy-duty construction with smart reinforcement and guarding, you can see that this backhoe loader is built to last.



## NO DPF. NO REGENERATION.

The high-performance engine features a diesel oxidation catalyst (DOC) aftertreatment system, which is virtually maintenance-free. It also meets EPA Tier 4 emissions standards without the use of diesel particulate filters. There's no downtime from regeneration.



# ATTACHMENTS

The machine's versatility is further enhanced with attachment versatility. You'll get more utilization and work opportunities with your machine.

## AUXILIARY HYDRAULICS

Power attachments from the front or rear with standard-equipped auxiliary hydraulics.

*Attachment: Fold-Over Bucket Fork*

## PIN-ON COUPLER INTERFACE

For both loader and backhoe.

## LOADER ATTACHMENTS

- General purpose loader bucket
- Combination loader bucket
- Fold-over bucket fork
- Optional bucket teeth and wear edges
- Pallet fork\*

## BACKHOE ATTACHMENTS

- 24 in. and 36 in. buckets
- Optional bucket teeth
- Breaker
- Plate compactor
- Clamp\*



\* Coming soon



# COMFORT

## COMFORT FOR PEAK PRODUCTIVITY

Stay focused and relaxed to reach maximum productivity in less time. The B760 backhoe loader has the comfort you need to get the job done.

### OPERATOR STATION WITH ERGONOMIC CONTROLS

The B760 operator station is designed to help you put in hours of confident work.

- Fully adjustable suspension seat (easily rotates from loader to backhoe operation and back)
- Controls, gauges and buttons are thoughtfully laid out for maximum ease of use and minimal fatigue
- Pilot controls offer smooth, fast and precise backhoe and loader movement
- Low-effort loader joystick includes fingertip auxiliary controls for the loader
- Backhoe levers can easily be moved from their operation position to create more room
- Side mirrors make it easy to see the backhoe loader's surroundings from the side and rear points of view during work or travel
- The dashboard makes it easy to monitor performance
- See your work with good sightlines to the loader and backhoe
- Eight work lights (four in front, four in back), rear tail lights and flasher provide optimal illumination for low-light work and travel
- Additional features include a cup holder, a storage compartment, USB power ports and more





## OPTIONAL ENCLOSED CAB WITH HEAT AND AIR CONDITIONING

Keep out of the elements and keep the job moving along – even when the weather won't cooperate. The ROPS/FOPS certified, radio-ready cab with heat and air conditioning is engineered to give you an ideal environment for harsh jobsites. Wide glass panels and minimal obstructions inside and outside the cab keep you productive. Numerous vents are integrated into the cab to provide airflow where you need it the most.

## 5-INCH COLOR DISPLAY

The easy-to-read display panel provides full-featured machine interaction, diagnostics and monitoring capabilities from the operator's seat.



## SELECTABLE CONTROL PATTERN

Easily change between ISO and SAE backhoe control patterns and provide the preferred style of controls for multiple operators.

## PASSWORD-PROTECTED KEYLESS START

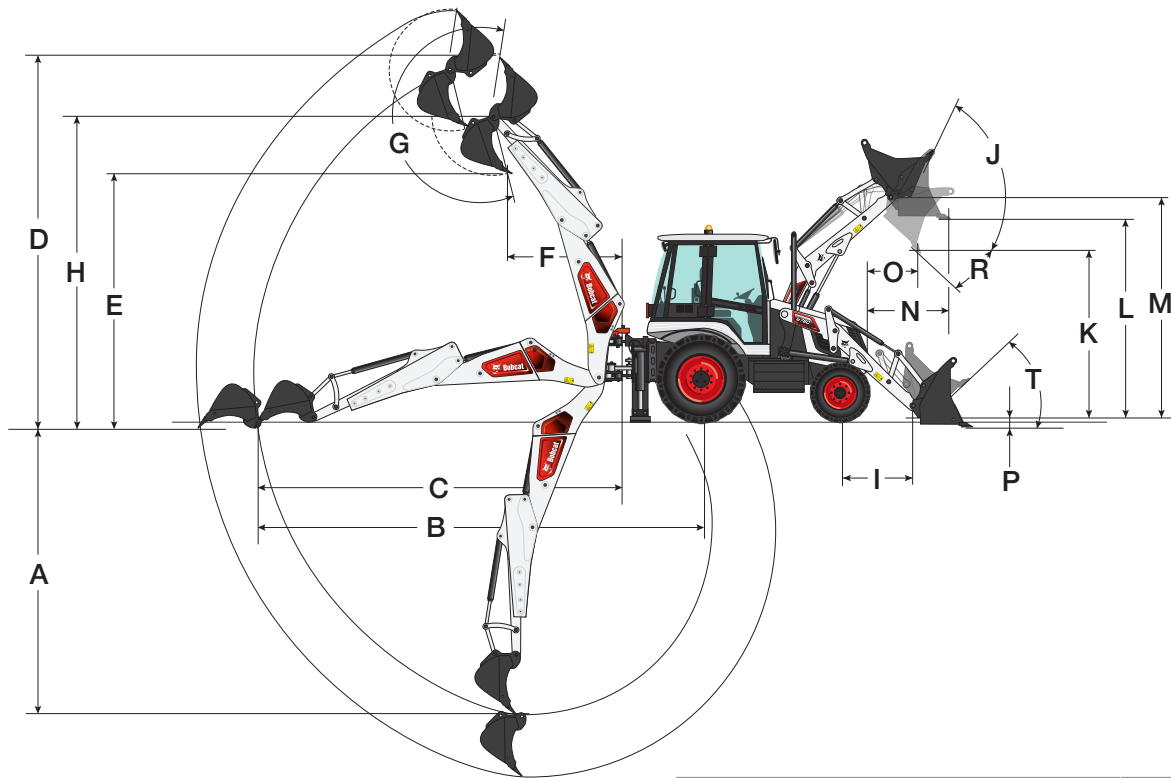
Eliminate downtime due to lost keys and reduce the chance of theft or unauthorized use. A convenient keyless start allows for easy productivity whenever you need the backhoe loader.



# SPECIFICATIONS

MODEL	B760
ENGINE	Emissions Tier (EPA) Tier 4
	Horsepower 96.0 hp (71.6 kW)
	Engine Fuel Diesel
	Engine Make Bobcat
	Engine Cooling Liquid
PERFORMANCE	Transmission Type Power Shift
	Max. Travel Speed 22.6 mph (36.4 km/hr.)
	Operating Weight 19,224 lb. (8720 kg)
	Brake Type Wet Multi-Disc
DIMENSIONS	Overall Length in Travel Position 293.0 in. (7450 mm)
	Wheelbase 87.4 in. (2220 mm)
	Ground Clearance 13.3 in. (339 mm)
	Overall Height Without Beacon 113.3 in. (2880 mm)
	Machine Width 89.5 in. (2275 mm)
	Machine Width With Stabilizers Folded Down 142.4 in. (3618 mm)
	Overall Height in Travel Position 147.4 in. (3745 mm)

MODEL	B760
LOADER PERFORMANCE	Lift Capacity at Full Height 7985 lb. (3622 kg)
	Bucket Breakout Force 14,388 lbf. (64,000 N)
BACKHOE PERFORMANCE	Lift Capacity at Max. Reach 2204 lb. (1000 kg)
	Arm Digging Force 9667 lb. (4384 kg)
	Bucket Digging Force 14,388 lb. (6526 kg)
MACHINE FEATURES	Differential Lock Std
	Rotating Flashing Beacon Std
	Selectable 4-Wheel Drive Std
	Extendable Arm Std
	Ride Control Std
	Enclosed Cab With Heater/Air Conditioning Opt



BACKHOE DIMENSIONS	RETRACTED	EXTENDED
A - Max. Digging Depth	182.6 in. (4633 mm)	221.4 in. (5623 mm)
B - Max. Reach From Rear Axle Center	280.9 in. (7135 mm)	317.4 in. (8063 mm)
C - Max. Reach From Swing Center	228.1 in. (5795 mm)	265.2 in. (6735 mm)
D - Max. Digging Height	225.2 in. (5720 mm)	259.2 in. (6584 mm)
E - Max. Dumping Height	152.9 in. (3884 mm)	188.3 in. (4783 mm)
F - Loading Reach	71.3 in. (1810 mm)	99.5 in. (2527 mm)
G - Bucket Rotation Angle	202°	202°
H - Max. Bucket Hinge Pin Height	188.2 in. (4780 mm)	216.2 in. (5492 mm)

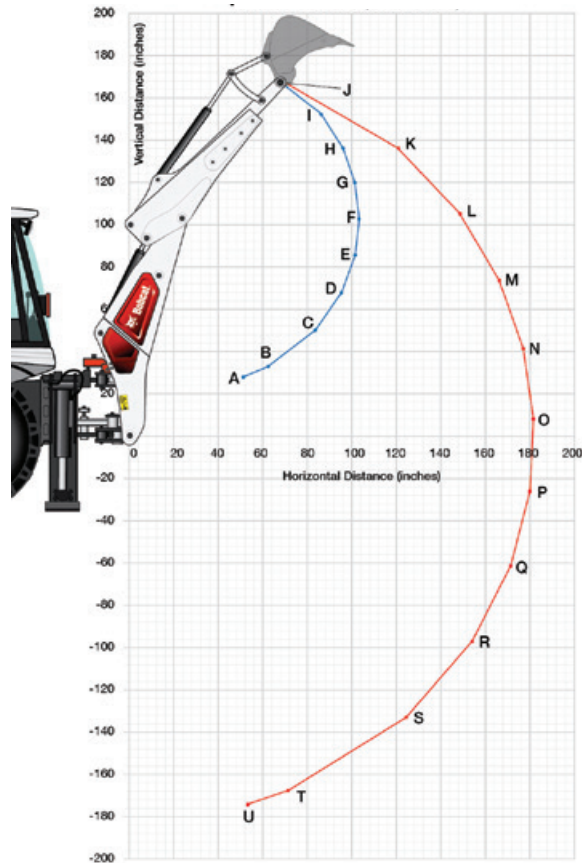
LOADER DIMENSIONS	
I - Distance Between Hinge Pin and Front Axle Center	48.4 in. (1230 mm)
J - Max. Rollback Angle, Fully Raised	64°
K - Dump Height	106.0 in. (2693 mm)
L - Load-Over Height	126.4 in. (3210 mm)
M - Height to Hinge Pin	136.0 in. (3455 mm)
N - Max. Reach at Full Height	47.4 in. (1205 mm)
O - Dumping Reach	29.7 in. (753 mm)
P - Digging Depth	5.0 in. (127 mm)
R - Dump Angle at Max. Height	44°
T - Max. Rollback Angle, Ground Level	45°



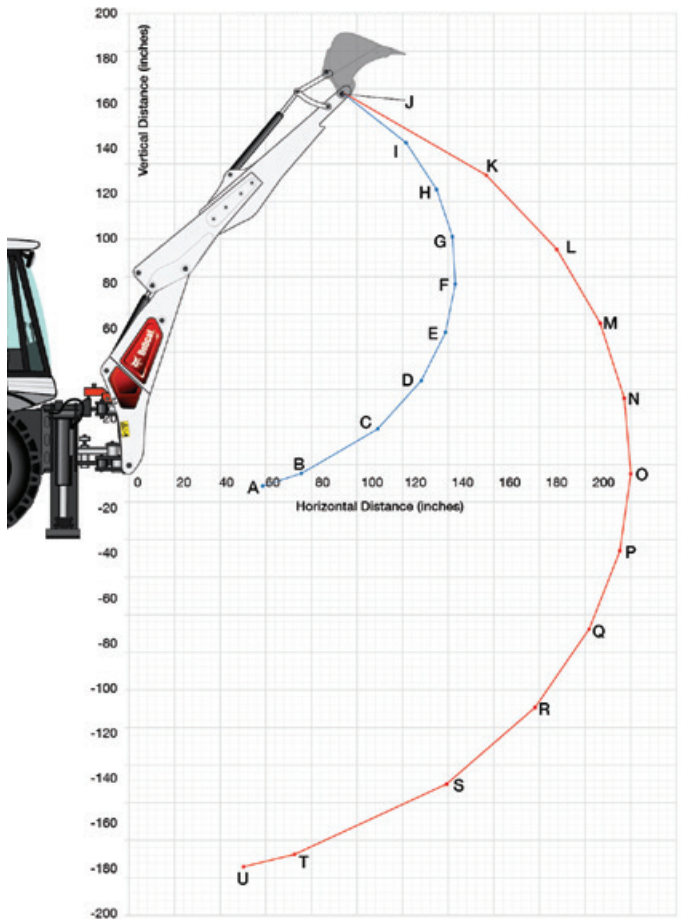
# **LIFT CAPACITIES** *(see line art on the right)*

	Retracted (without bucket)	Extended (without bucket)
A	5725 lb. (2597 kg)	4933 lb. (2238 kg)
B	4651 lb. (2110 kg)	3527 lb. (1600 kg)
C	3390 lb. (1538 kg)	2462 lb. (1117 kg)
D	2949 lb. (1338 kg)	2041 lb. (926 kg)
E	2771 lb. (1257 kg)	1865 lb. (846 kg)
F	2733 lb. (1240 kg)	1810 lb. (821 kg)
G	2810 lb. (1275 kg)	1847 lb. (838 kg)
H	3013 lb. (1367 kg)	1973 lb. (895 kg)
I	3423 lb. (1553 kg)	2255 lb. (1023 kg)
J	2943 lb. (1335 kg)	2034 lb. (923 kg)
K	3225 lb. (1463 kg)	2447 lb. (1110 kg)
L	3123 lb. (1417 kg)	2436 lb. (1105 kg)
M	2974 lb. (1349 kg)	2361 lb. (1071 kg)
N	2813 lb. (1276 kg)	2268 lb. (1029 kg)
O	2667 lb. (1210 kg)	2175 lb. (987 kg)
P	2526 lb. (1146 kg)	2089 lb. (948 kg)
Q	2403 lb. (1090 kg)	2017 lb. (915 kg)
R	2297 lb. (1042 kg)	1968 lb. (893 kg)
S	2235 lb. (1014 kg)	1973 lb. (895 kg)
T	2292 lb. (1040 kg)	2261 lb. (1026 kg)
U	2409 lb. (1093 kg)	2581 lb. (1171 kg)

## **Backhoe Lift Capacity at Retracted Condition Without Bucket**



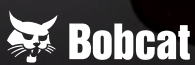
## **Backhoe Lift Capacity at Extended Condition Without Bucket**







Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Where applicable, dimensions are in accordance with 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 backhoe loaders 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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