



State of West Virginia  
Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER

VET012166

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

TARA LYLE  
304-558-2544

\*709035519 04 304-776-9100

BOBCAT OF ADVANTAGE VALLEY  
PO BOX 7555

CROSS LANES WV 25313

DIVISION OF VETERANS AFFAIRS  
ATTENTION: C. PRATHER  
SUITE 101  
1321 PLAZA EAST  
CHARLESTON, WV  
25301-1400 558-3661

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS		
05/03/2012						
BID OPENING DATE: 06/06/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		020-33	\$68,706.00	\$68,706.00
MINI-TRACK & SKID-STEER LOADER & BACKHOE W/ATTACH						
THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WV DIVISION OF VETERANS ASSISTANCE, IS SOLICITING BIDS TO PROVIDE ONE (1) MINI-TRACK LOADER, (1) ONE SKID-STEER LOADER AND (1) ONE BACKHOE, ALL WITH ATTACHMENTS, FOR THE WV VETERANS CEMETERY LOCATED IN DUNBAR, WV, PER THE ATTACHED SPECIFICATIONS.						
INQUIRIES: WRITTEN QUESTIONS WILL BE ACCEPTED UNTIL CLOSE OF BUSINESS ON 05/21/2012. QUESTIONS MAY BE SENT VIA USPS, FAX, COURIER OR E-MAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, E-MAIL QUESTIONS ARE PREFERRED. ADDRESS INQUIRIES TO:  TARA LYLE DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305  FAX: 304-558-4115 EMAIL: TARA.L.LYLE@WV.GOV						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>JR Hamble</i>		TELEPHONE 304-776-9100		DATE 6/1/12		
TITLE Sales Specialist		FEIN 55-0336065		ADDRESS CHANGES TO BE NOTED ABOVE		

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
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4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
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10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.html](http://www.state.wv.us/admin/purchase/vrc/hipaa.html) and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
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I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/03/2012				

BID OPENING DATE:

06/06/2012

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>ANY INDIVIDUAL SIGNING THIS BID IS CERTIFYING THAT: (1) HE OR SHE IS AUTHORIZED BY THE BIDDER TO EXECUTE THE BID OR ANY DOCUMENTS RELATED THERETO ON BEHALF OF THE BIDDER, (2) THAT HE OR SHE IS AUTHORIZED TO BIND THE BIDDER IN A CONTRACTUAL RELATIONSHIP, AND (3) THAT THE BIDDER HAS PROPERLY REGISTERED WITH ANY STATE AGENCIES THAT MAY REQUIRE REGISTRATION.</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>THIS TEAM EXHIBIT HAS BEEN REPLACED BY THE ONLINE VERSION WHICH IS AVAILABLE HERE:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>JR Hamilton</i>	304-776-9100	6/1/12
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
<i>Sales Specialist</i>	55-0336065	

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DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/03/2012				

BID OPENING DATE:

06/06/2012

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
HTTP://WWW.STATE.WV.US/ADMIN/PURCHASE/VRC/VENPREF.PDF						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER:-----TL/32-----						
RFQ. NO.:-----VET012166-----						
BID OPENING DATE:-----06/06/2012-----						
BID OPENING TIME:-----1:30 PM-----						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
-----304-776-0285-----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	<i>JR Hamble</i>	TELEPHONE	304-776-9100	DATE	6/1/12
TITLE	Sales Specialist	FEIN	55-0336065	ADDRESS CHANGES TO BE NOTED ABOVE	

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05/03/2012				

BID OPENING DATE: 06/06/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
CONTACT PERSON (PLEASE PRINT CLEARLY): ----- J. R. HAMILTON -----						
***** THIS IS THE END OF RFQ VET012166 ***** TOTAL:						<u>\$68,706.00</u>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>JR Hamilton</i>	TELEPHONE 304-776-9100	DATE 6/1/12
TITLE Sales Specialist	FEIN 53-0336065	ADDRESS CHANGES TO BE NOTED ABOVE

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**VET012166**

The WV Department of Veteran's Assistance is soliciting bids for a mini-track loader with attachments, a skid-steer loader with attachments and a backhoe with attachments for the Donel Kinnard Memorial State Veterans Cemetery in Dunbar, WV.

The equipment must be manufactured for commercial use. All items must be new. Damaged or defective items must be replaced at no additional expense to the WV Department of Veterans Assistance.

If bidding "or equal" brands, Vendors should attach manufacturer's literature documenting that it meets the requirements stated in the specifications. If vendors are bidding equivalent products, product literature should be included with your bid.

All items are to be FOB Destination. Freight or delivery prices should be included in the bid price. Items to be delivered to the Donel Kinnard Memorial State Veterans Cemetery located at 130 Academy Drive Dunbar, WV 25064. Delivery should occur 30 days after the purchase order issued to the successful vendor.

The contract may be awarded to one or multiple vendors, depending what is in the best interest of the State, with the lowest bid meeting all of the specifications with the most complete bid. An authorized signature must be in the bid.

See additional specifications.

STATE OF WEST VIRGINIA  
**PURCHASE CONTINUATION SHEET**

Page \_\_\_ of \_\_\_ Pages

Requisition / P.O. No.:  
VET012166

File: \_\_\_\_\_

Acct. No.: \_\_\_\_\_

Vendor: \_\_\_\_\_ P.O. Date: \_\_\_\_\_

Spending Unit: \_\_\_\_\_

Veterans Assistance

Item No.	Quantity	Description	Unit Price	Amount
1	1	<p>MINI-TRACK LOADER, Bobcat MT55, or equal</p> <p>ENGINE:</p> <p>3 cylinder, liquid cooled diesel, appx. 25 hp</p> <p>Must meet EPA Tier IV Emission Standards</p> <p>Spark arrestor muffler, dual element air cleaner and glow plug cold weather assist standard.</p> <p>Engine coolant shall include propylene glycol anti-freeze with freeze protection to -34 degrees</p> <p>12 volt battery with minimum of 530 cold-cranking amps</p> <p>40 amp alternator</p> <p>12 volt starter</p> <p>Glow plug starting aid</p> <p>WORKING RANGE:</p> <p>Angle of departure to be appx 23 degrees</p> <p>Ground clearance must be 4.5 inches</p> <p>Turning radius with standard bucket appx 55 inches</p> <p>Track tread width appx 7 inches</p> <p>Width over tracks appx 36 inches</p> <p>Width over bucket appx 36 inches</p> <p>PERFORMANCE:</p> <p>Rated operating capacity - SAE appx 550 lbs</p> <p>Tipping load - SAE rated appx 1700 lbs</p> <p>Forward speed appx 3.5 mph</p> <p>Reverse speed appx 1.5 mph</p> <p>Parking brake</p> <p>Reverse stop panel</p> <p>DRIVE SYSTEM:</p> <p>Fully hydrostatic rubber track drive</p> <p>Transmission shall be a direct drive of hydrostatic motor to main undercarriage drive sprocket</p> <p>HYDRAULIC SYSTEM:</p> <p>Pump Type - gear type capable of providing 12 gpm for bucket, lift arm and attachment operation.</p> <p>System pressure at the quick couplers shall be appx 2900 psi</p> <p>Standard auxiliary hydraulics. Shall include flush face style quick couplers.</p> <p>Standard continuous flow shutoff lever</p> <p>Control valve -three spool, open center, series parallel configuration. Includes lift (with float detent), tilt and front auxiliary hydraulic spools.</p> <p>Double-acting cylinders. Tilt cylinders shall have cushioning feature on dump.</p> <p>Standard hydraulic oil cooler</p> <p>Cylinders shall meet the following minimum specifications:</p> <p>Lift - 2 cylinders, bore diameter 2.25", rod diameter 1.25", stroke 14.16"</p> <p>Tilt - 1 cylinder, bore diameter 3", rod diameter 1.25", stroke 10.56"</p>	\$16,694	\$16,694



STATE OF WEST VIRGINIA  
PURCHASE CONTINUATION SHEET

Page \_\_\_ of \_\_\_ Pages

Requisition / P.O. No.:  
VET012166

File:

Acct No.:

Vendor: \_\_\_\_\_ P.O. Date: \_\_\_\_\_

Spending Unit:  
Veterans Assistance

Item No.	Quantity	Description	Unit Price	Amount
		<p><b>CONTROLS:</b>  Vehicle Steering - Direction and speed controlled by one multi-function handle  Hydraulic Functions - lift and tilt functions controlled by one hand lever. (Front auxiliary hydraulics (standard equipment) controlled by fore/aft movement of hand lever  Engine speed - controlled by hand lever throttle  Engine starting and shutdown functions shall be controlled electrically with the key switch.</p> <p>Fuel tank capacity 7 gal. minimum</p> <p><b>INSTRUMENTATION:</b>  Loader conditions shall be monitored by a combination of gauges and warning lights in the operator's line of sight that monitor the following functions:  Engine coolant temperature  Engine oil pressure  Hourmeter  Hydraulic Oil temperature  System voltate  Fuel level</p> <p>Must have easy access to all lift arm greasepoints  Rod end of the tilt cylinder shall have a replaceable bushing  Standard safety equipment</p> <p><b>Attachments:</b>  Standard ride on platform  Standard 36" bucket</p>		
2	1	<p>SKID-STEER LOADER, Bobcat Model S185, or equal  <b>ENGINE:</b>  Liquid cooled 4 cylinder engine  Emissions Tier (EPA) Interim Tier 4  Diesel engine  61 hp minimum</p> <p>Appx 24 gal fuel tank</p> <p><b>HYDRAULIC SYSTEM:</b>  System relief quick couplers, 330 psi  Auxiliary standard flow appx 16.9 gpm  Auxiliary high flow appx 26.4 gpm  Hydraulic oil cooler shall be standard equipment  Lift circuit port relief valve shall be standard equipment</p> <p><b>PERFORMANCE:</b>  Rated operating capacity 1850 lbs  Tipping load appx 4076 lbs  Travel speed appx 7.3 mph</p>	<p>\$509.00  \$490.00  \$23,394</p>	<p>\$509.00  \$490.00  \$23,394</p>

STATE OF WEST VIRGINIA

**PURCHASE CONTINUATION SHEET**

Page \_ of \_ Pages

Requisition / P.O. No.:  
VET012166

File: \_\_\_\_\_ Acct. No.: \_\_\_\_\_

Vendor: \_\_\_\_\_ P.O. Date: \_\_\_\_\_

Spending Unit:  
Veterans Assistance

Item No.	Quantity	Description	Unit Price	Amount
		<p>Turning radius 78" minimum Wheelbase 40" minimum</p> <p>Adjustable seat Back-up alarm BICS System Cab enclosure Cab heater Lift-arm support Seat belt Hydraulic Bucket Positioning Spark arrestor muffler Front and rear windshield wipers Dome light standard Front and rear operating lights Appx 24 gal fuel tank capacity</p> <p>DRIVE SYSTEM: Shall have a fully hydrostatic four-wheel drive Transmission shall be infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic drive motors Hydrostatic piston pumps shall be belt driven and shall not require any adjustments Final drive chains shall be pre-stressed #80 HSOC endless roller chain (no master link) Two chains per each side of the loader with no idler sprocket and shall not require periodic adjustments Axle seals shall be protected by the wheel hub and shall never need greasing Parking brake shall be a positive engagement wedge and lobe Tires: 10-16.5, 8 PR, Standard duty tires</p> <p>OPERATOR CONTROLS: Loader direction, steering and travel speed shall be controlled by two independent steering levers Loader lift and tilt functions shall be controlled by separate foot pedals Engine speed shall be controlled by a hand lever or foot pedal Parking brake shall be controlled by a finger operated rocker switch on control panel Engine starting and shutdown functions shall be controlled electrically with a key switch.</p> <p>ATTACHMENTS: All attachments shall be mounted on a quick-change mechanism that allows for changes by experienced operator in two minutes. A single control unit shall be provided which will control all attachments</p>		

STATE OF WEST VIRGINIA  
**PURCHASE CONTINUATION SHEET**

Page \_\_\_\_ of \_\_\_\_ Pages

Requisition / P.O. No.:

VET012166

File:

Acct. No.:

Vendor: \_\_\_\_\_ P.O. Date: \_\_\_\_\_

Sponsoring Unit:

Veterans Assistance

Item No.	Quantity	Description	Unit Price	Amount
		ATTACHMENTS REQUESTED;		
		Pallet fork	\$645.00	\$645.00
		Auger, 24" <i>w/drive unit</i>	\$2122.00	\$2122.00
		Auger, 36"	\$565.00	\$565.00
		Grapple, 55" with general purpose bucket	\$1,820.00	\$1,820.00
		Sweeper, 72" with gutter brush	\$4,130.00	\$4,130.00
		Brush saw, 28" diameter minimum	\$4,257.00	\$4,257.00
		Rotary Cutter, 72" standard flow	\$4,376.00	\$4,376.00
		Chipper	\$5,849.00	\$5,849.00
		9" feeder opening		
		Reversible tool steel blades		
		Discharge chute with adjustable deflector		
		Snowblower		
		72" minimum width	\$3,855.00	\$3,855.00
		14" minimum auger diameter		
		270 degree chute rotation		
		Hydraulic deflector control		
3	1	BACKHOE, John Deere Model 310J, or equal		
		72 hp 4.5L diesel engine minimum		
		Altitude compensating turbocharged engine		
		MFWD & Powershift 4-speed transmission		
		19.5L-24" 10PR rear tires		
		12-16.5" 8PR front tires		
		Cab with dual doors		
		Mechanical suspension fabric seat		
		Single battery		
		Extendible dipperstick w/5 function hydraulics and standard stabilizers		
		W/cam lock reversible pads		
		Loader with RTD W/2 function hydraulics		
		1000 lb front counterweight		
		Multi brand quick coupler		
		Hydrostatic power and emergency steering		
		Power assisted, hydraulic wet disc brakes, self-adjusting and self-equalizing		
		Standard Backhoe controls		
		Standard Loader controls		
		Appx 41 gal fuel tank		
		ATTACHMENTS:		
		36" Bellhole & Cemetery Bucket		
		2 year warranty required		
		Training video to be supplied for each piece of equipment		



VET012166 - Mini-Track Loader, Skid-Steer, Backhoe - Bid Form				
Item #	Description	Estimated Quantity	Unit Price	Extended Amount
1	Mini-Track Loader, bobcat MT55, or equal	1	\$16,694.00	\$16,694.00
	Attachments per specifications for Mini-Track Loader			
	Standard Ride on Platform for Mini-Track Loader or equal	1	\$509.00	\$509.00
	Standard 36" Bucket for Mini-Track Loader or equal	1	\$490.00	\$490.00
2	Skid-Steer Loader, Bobcat Model S185, or equal	1	\$23,394.00	\$23,394.00
	Attachments per specifications for Mini-Track Loader			
	Pallet Fork or equal	1	\$645.00	\$645.00
	Auger 24" or equal w/ drive unit	1	\$2,122.00	\$2,122.00
	Auger 36" or equal	1	\$565.00	\$565.00
	Grapple 55" with general purpose bucket or equal	1	\$1,820.00	\$1,820.00
	Sweeper 72" with gutter brush or equal	1	\$4,130.00	\$4,130.00
	Brush saw 28" or equal	1	\$4,257.00	\$4,257.00
	Rotary Cutter 72" standard flow or equal	1	\$4,376.00	\$4,376.00
	Chipper 9" feeder opening - per the specifications	1	\$5,849.00	\$5,849.00
	Snowblower per the specifications	1	\$3,855.00	\$3,855.00
3	Backhoe, John Deere Model 310J, or equal	1		
	Attachments per specifications for Mini-Track Loader			
	36" Bellhole and cemetery bucket or equal	1		
	Failure to use this form may result in disqualification		GRAND TOTAL:	\$68,706.00
Bidder / Vendor Information:				
Name:	Bobcat of Advantage Valley			
Address:	614 Goff Mtn. Rd. Cross Lanes, WV 25313			
Phone# :	304-776-9100			
Email Address:	jrhamilton@jefferds.com			
Authorized Signature:	JK Hamilton			

To: Rod Brown

011

RFQ No. VET 01146STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

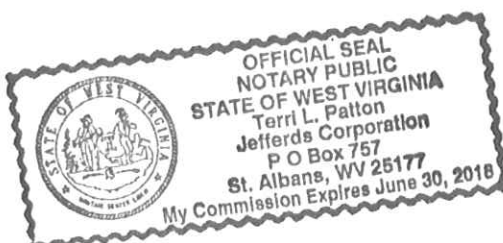
**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

**WITNESS THE FOLLOWING SIGNATURE**Vendor's Name: JEFFERDS CORPORATION DBA Robert of Advantage ValleyAuthorized Signature: Rodent P Brown Date: 6-1-12State of WVCounty of Putnam to-wit:Taken, subscribed, and sworn to before me this 1 day of June, 2012.My Commission expires June 30, 2018

AFFIX SEAL HERE

NOTARY PUBLIC



Rev. 09/08

## State of West Virginia

# VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 \_\_\_\_\_ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 \_\_\_\_\_ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,  
 \_\_\_\_\_ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 \_\_\_\_\_ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. **Application is made for 2.5% resident vendor preference for the reason checked:**  
 \_\_\_\_\_ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. ☒ **Application is made for 5% resident vendor preference for the reason checked:**  
 \_\_\_\_\_ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**  
 \_\_\_\_\_ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**  
 \_\_\_\_\_ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (**West Virginia Code**, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Bobcat of Advantage Valley

Signed: ME Hamilton

Date: 6/1/12

Title: Sales Specialist

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.





State of West Virginia  
Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

## Request for Quotation

RFQ NUMBER

VET012166

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

TARA LYLE

304-558-2544

V  
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R

\*709035519 04 304-776-9100  
BOBCAT OF ADVANTAGE VALLEY  
PO BOX 7555

CROSS LANES WV 25313

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DIVISION OF VETERANS AFFAIRS  
ATTENTION: C. PRATHER  
SUITE 101  
1321 PLAZA EAST  
CHARLESTON, WV  
25301-1400 558-3661

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
05/22/2012				

BID OPENING DATE:

06/06/2012

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. QUESTIONS AND ANSWERS ATTACHED.						
2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.						
END OF ADDENDUM NO. 1						
0001	1	LS		020-33	\$68,706	\$68,706
MINI-TRACK & SKID-STEER LOADER & BACKHOE W/ATTACH						
***** THIS IS THE END OF RFQ VET012166 ***** TOTAL:						\$68,706

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	<i>JR Hamill</i>	TELEPHONE	304-776-9100	DATE	6/1/12
TITLE	Sales Specialist	FEIN	55-0336065	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

## GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
  2. The State may accept or reject in part, or in whole, any bid.
  3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
  4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
  5. Payment may only be made after the delivery and acceptance of goods or services.
  6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
  7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
  8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
  9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
  10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
  11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
  12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
  13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at [www.state.wv.us/admin/purchase/vrc/hipaa.html](http://www.state.wv.us/admin/purchase/vrc/hipaa.html) and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
  14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
  15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
  16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.
- I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

**VET012166**  
**Addendum No. 1**

Q1: Air Conditioning is not listed for the cab. Do they want A/C?

A1: No

Q2: Is this a Two Wheel Drive or Four Wheel Drive?

A2: Four wheel drive

Q3: Multi Brand Coupler. Is this for the Front Loader or the Backhoe?

A3: Front Loader

Q4: Is Loader or backhoe auxiliary hydraulics required to run attachments?

A4: Yes

The bid opening remains 06/06/2012 at 1:30 pm.

An authorized signature must be on the bid.

No additional questions will be accepted on this RFQ.

## EXHIBIT 10

REQUISITION NO.: .....

## ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED  
ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY  
PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

NO. 1 .....✓

NO. 2 .....✓

NO. 3 .....✓

NO. 4 .....✓

NO. 5 .....✓

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE  
ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS. VENDOR  
MUST CLEARLY UNDERSTAND THAT ANY VERBAL  
REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY  
ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES  
AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE  
INFORMATION ISSUED IN WRITING AND ADDED TO THE  
SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.

.....*JL Hamble*.....  
SIGNATURE

.....*Bobcat of Advantage Valley*.....  
COMPANY

.....*6/1/12*.....  
DATE





# Bobcat®

## Skid-Steer Loaders



### Bobcat®

of Advantage Valley

**SALES • SERVICE • RENTAL**

Cross Lanes, WV 25313

304-776-9100 • 1-866-426-2228

[www.bobcatwv.com](http://www.bobcatwv.com)

***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.







#### 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

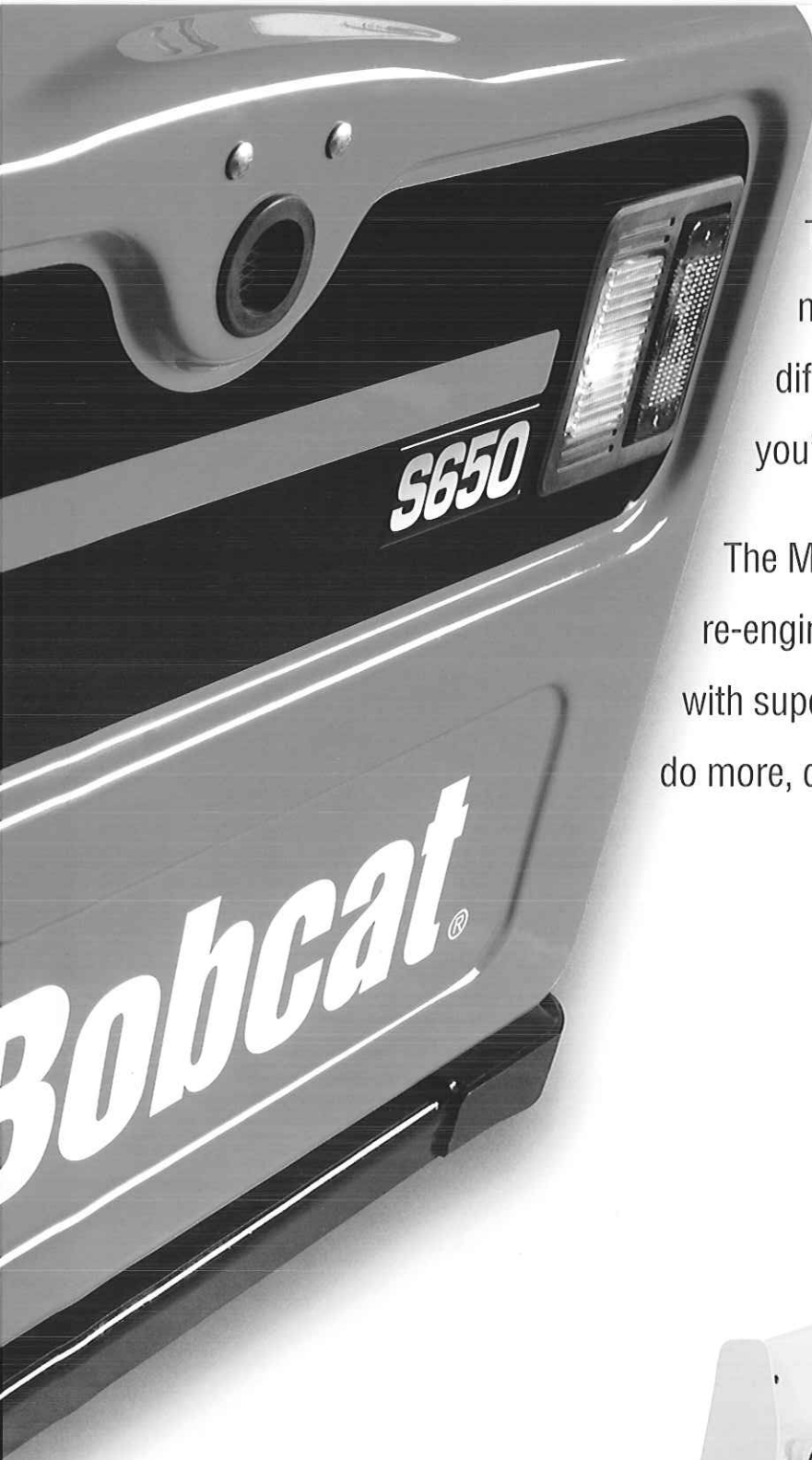
Compared to larger equipment, skid-steer loaders perform similar tasks in tighter working conditions for a fraction of the cost.

#### 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.



The best is now even better. With the new M-Series Bobcat® loaders, there's a difference you can see – and a difference you'll experience on the job.

The M-Series Bobcat loader has a completely re-engineered cab that keeps you comfortable, with superior performance that will help you do more, do it faster and do it better.



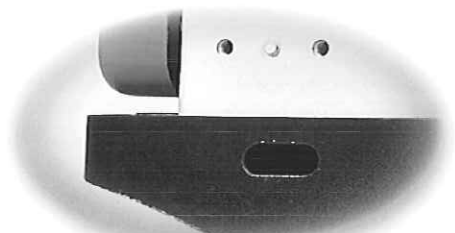




POWERFUL LIGHTING



DELUXE INSTRUMENTATION



PROTECTED TAILGATE

# The Shape of Things to Come

It's the biggest, most  
comfortable cab we've  
ever had, with even  
better visibility.

**PREMIUM CAB:** Bobcat already has one of the best cabs on the market with the largest cab space in the industry, but when we re-engineered our M-Series loaders, we went even bigger. The new cab, with new positioning and design for better visibility, is the best one yet. Bobcat increased the cab space provided in our traditional loaders by 10% – with more room for your arms, legs, shoulders, head and feet. It's not just bigger; it's quieter. The sound within the cab is reduced by more than 60% for a more comfortable working environment. It also has a best-in-class pressurized interior to keep you clean and comfortable.

**PERFORMANCE:** If you want big performance this is the loader for you. All of the hallmarks of superior Bobcat performance remain, like smart cooling and easy maintenance, but we've further enhanced the machine with stronger hydraulics and 18% improved attachment performance compared to our K-Series loaders. Increased fuel capacity, powerful lighting and many other features will save you time and effort on the job. Plus, we've protected your machine and simplified maintenance in numerous ways – enabling you to stay on the job longer.

**Cab-Forward Design:** The new cab-forward design moves the operator area closer to the attachment and gives you a better vantage point for your work area.

**Better Visibility:** Visibility has been significantly increased in all directions. The rear window is 14% larger. The size of the top window is now 43% larger. This provides a big advantage when loading a truck or using attachments with raised lift arms.

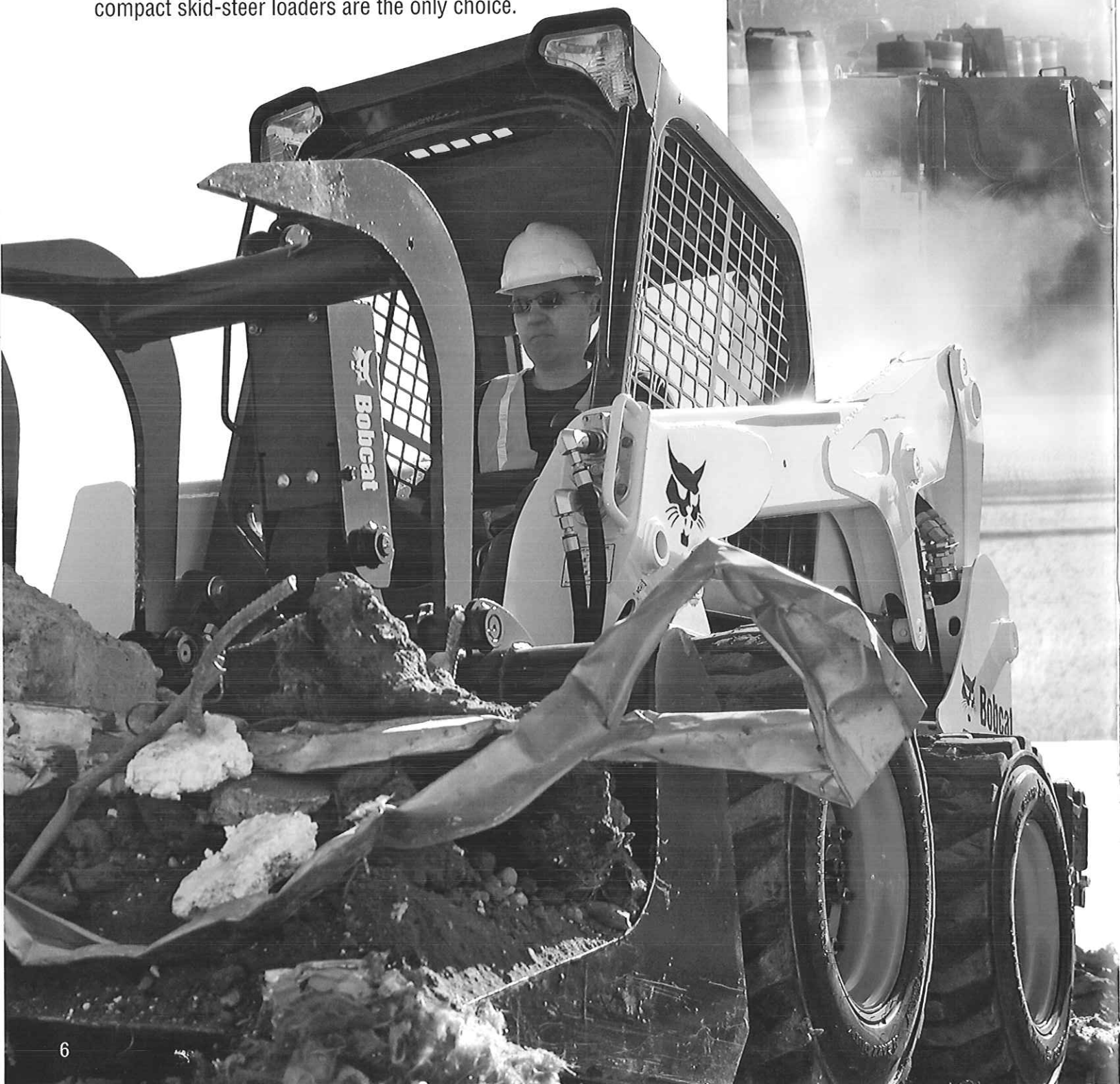
The new cab features industry-leading forward visibility down to the bucket, up through the top window and to the back of the machine. The side windows are larger than ever before, increasing your visibility to the tires and the sides.

**Powerful Lighting:** Light output is now increased by over 50%. The new lighting system emits a high-intensity beam that illuminates a broader working area around the front of the machine.

**Bigger Entry/Exit:** Bobcat re-engineered the largest cab front opening in the industry and made it bigger – and the front cab-door surface area has increased, too. A lowered door threshold gives you an easier entry and exit. Plus, it increases visibility to your attachment and the surrounding work area – making it easier to see and do your work.



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.



# Performance



## Quicker Turning

When not carrying a load, Bobcat's weight distribution of 70% in the rear and 30% in the front delivers 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 from competitors

## 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 Torque

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

## Control in Your Hands

With Bobcat compact 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.

## 2-Speed

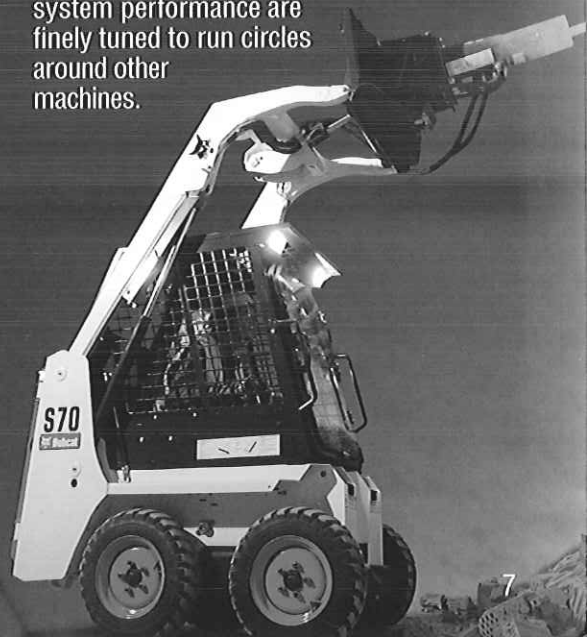
Boost top travel speed by as much as 57 percent and reduce the time it takes to travel across a jobsite or between jobs.

## Hydraulic Bucket Positioning

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

## Stronger Hydraulics

The Bobcat engine, hydraulic 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.





# 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

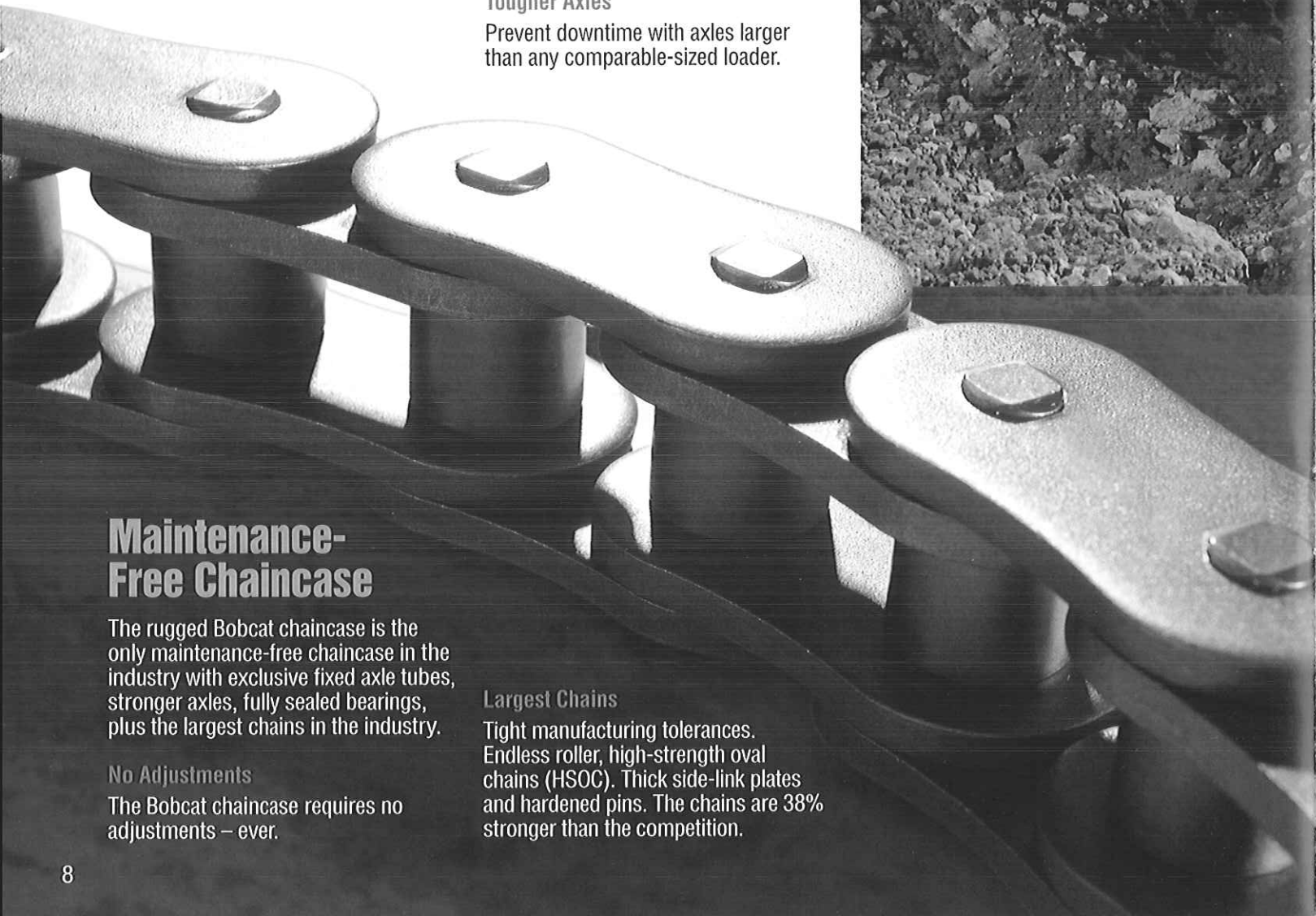
The rugged Bobcat chaincase is the only maintenance-free chaincase in the industry with exclusive fixed axle tubes, stronger axles, fully sealed bearings, plus the largest chains in the industry.

## No Adjustments

The Bobcat chaincase requires no adjustments – ever.

## Largest Chains

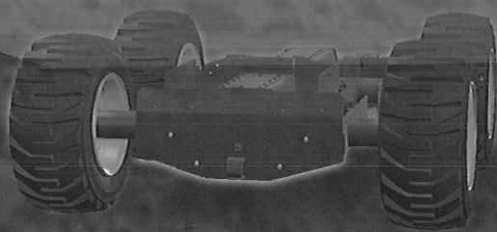
Tight manufacturing tolerances. Endless roller, high-strength oval chains (HSOC). Thick side-link plates and hardened pins. The chains are 38% stronger than the competition.







The keel-shaped undercarriage  
improves performance in soft and  
wet conditions.



#### **Go Through More**

The 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, Bobcat's 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.

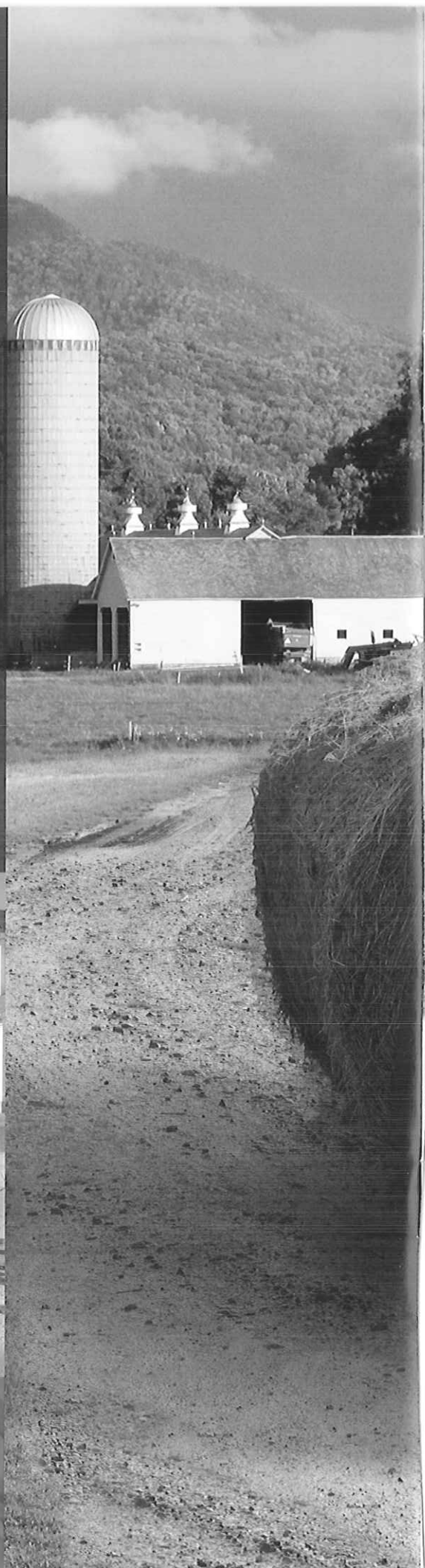
## Protected Cooling Location

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.







CLEAN AIR

COOL AIR

2  
SPEED

HOT AIR



Bobcat

S630

S630



Bobcat

[www.bobcat.com/skidsteer](http://www.bobcat.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.





#### 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 – so 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.

[www.bobcat.com/skidsteer](http://www.bobcat.com/skidsteer)

# Deluxe Instrumentation

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, reduce the chance of theft and possibly even lower 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, resettable hour meter, attachment controls help menu, both metric and English capabilities plus multiple password settings give you added convenience and more control over your machine.

M-Series Deluxe Instrumentation panel is pictured here. K-Series loaders with Deluxe Instrumentation provide similar functionality, with some exceptions. See your dealer for details.



## BobCare PM<sup>SM</sup> 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 Lockout Protect your investment from misuse or accidental use by locking out certain functions such as high-flow hydraulics.





## 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.



## 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.

[www.bobcat.com/skidsteer](http://www.bobcat.com/skidsteer)



# 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

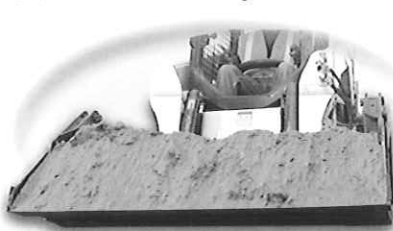
Storage bins are located throughout the interior. You can store items wherever it's convenient – on your right or on your left.

### 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

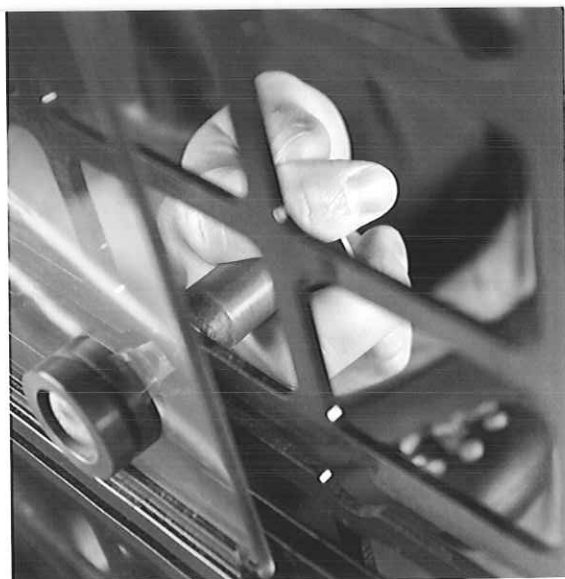
Your cab is your office. That's why Bobcat installed a 12-volt power accessory for charging your mobile phone, MP3 player or other accessories.

### 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 pedals

Availability of some comfort features vary by model. See your dealer for details.







## Improved Visibility

Visibility is increased in all directions on new 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 certain attachments.

All-around visibility is central to the design of the cab on Bobcat loaders. Good sightlines to the tires increase your performance when operating in tight areas, such as grading next to a building or backing onto a trailer.



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.

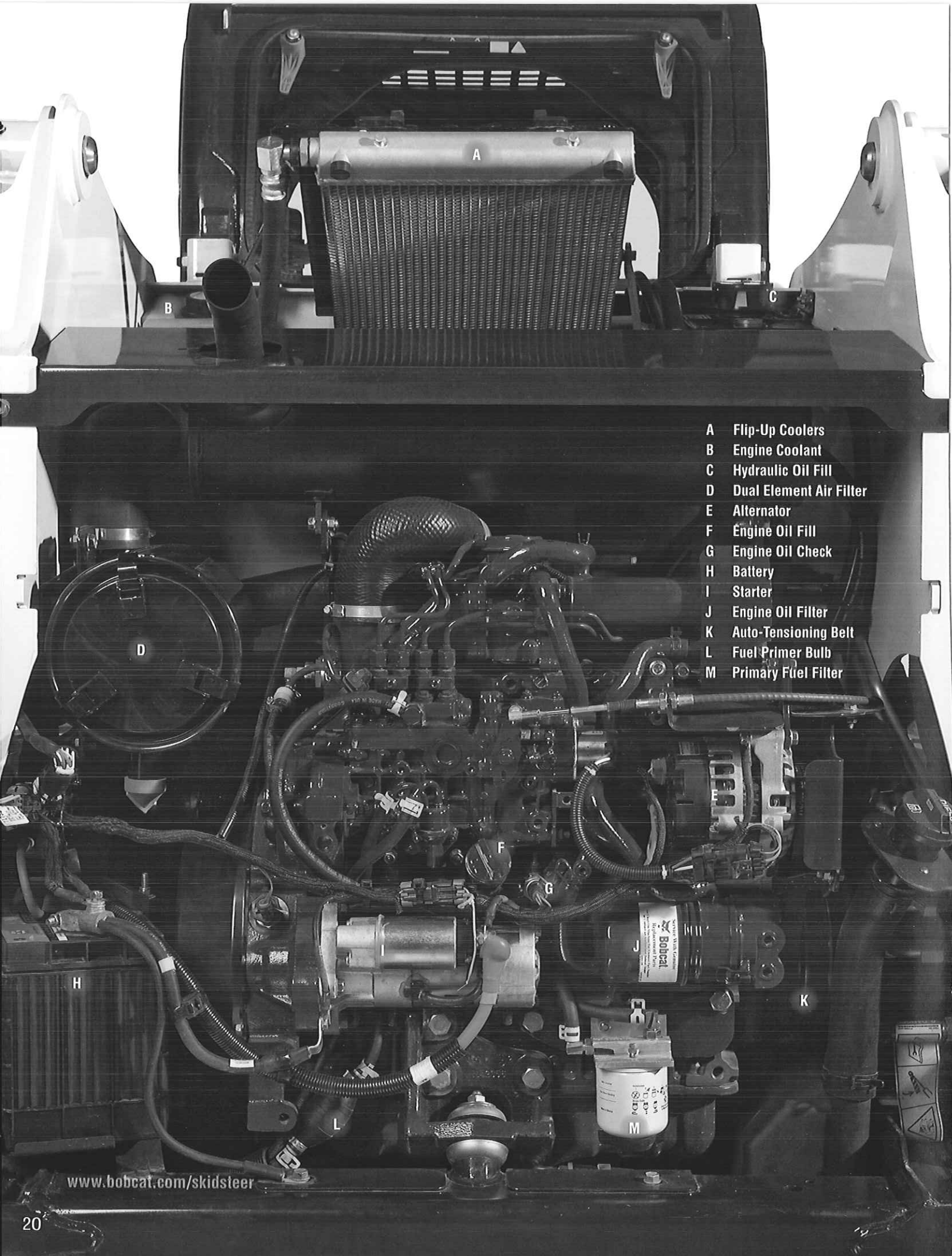


## Pressurized Cab

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.







- A Flip-Up Coolers
- B Engine Coolant
- C Hydraulic Oil Fill
- D Dual Element Air Filter
- E Alternator
- F Engine Oil Fill
- G Engine Oil Check
- H Battery
- I Starter
- J Engine Oil Filter
- K Auto-Tensioning Belt
- L Fuel Primer Bulb
- M Primary Fuel Filter

# 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 and 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.







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.

# Do More



# Than Dig

## 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

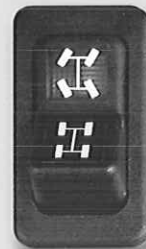
Bobcat dealers specialize in compact equipment – so they are much more likely to stock or rent attachments that other equipment retailers don't even have. You'll be able to buy or rent the attachments you need.

## 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.



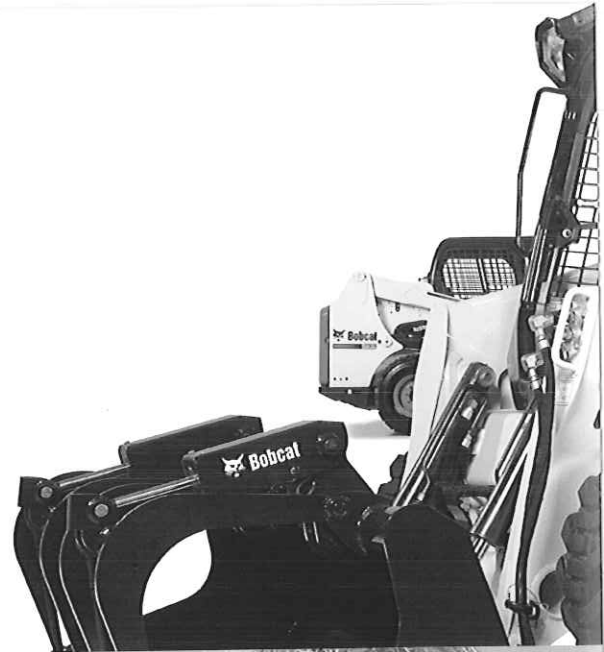
## Two steering modes by simply pressing a switch

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.



[www.bobcat.com/skidsteer](http://www.bobcat.com/skidsteer)



# Choice Controls

Bobcat® loaders offer the largest selection of control possibilities in the industry: all of the common control patterns found on compact loaders today. Plus, it's one of the only brands that allows you to choose your preference at the flip of a switch.



**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 the Bobcat Loader Radio Remote Control System, you can control your loader without having to be in the cab. This system is available on machines with Selectable Joystick Controls or all-wheel steer loaders. 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 quickly 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 allow you to operate the machine with only your hands. You can easily switch between, "ISO" pattern, where left joystick operates the drive functions and the right joystick controls the workgroup, or "H" pattern with a dash-mounted rocker switch inside the cab. The low effort Selectable Joystick Controls also offer many job enhancing features. See Joystick Advantages for more.



# Joystick Advantages

Bobcat Selectable Joystick Controls give you more features:

## Speed Management

A Bobcat exclusive. Simply "dial in" your required travel speed in small increments to match it 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

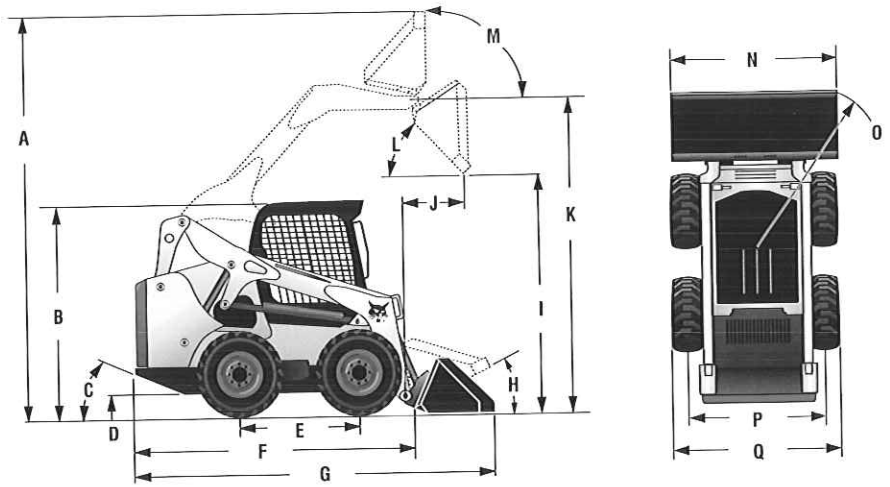
Bobcat Horsepower Management automatically adjusts the loader drive system to maximize pushing and digging power while minimizing your chance of stalling. Unlike other anti-stall systems, Bobcat Horsepower Management lets the operator obtain maximum engine and drive torque to match the toughest digging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

## Drive Response Mode

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



# Specifications



	S70	S100	S130	S150	S160	S175	S185
A	120.1 in. (3051 mm)	130.2 in. (3306 mm)	143.4 in. (3642 mm)	148 in. (3759 mm)	148 in. (3759 mm)	152.1 in. (3863 mm)	152.1 in. (3863 mm)
B	71.4 in. (1814 mm)	73.9 in. (1878 mm)	77.3 in. (1964 mm)	76.3 in. (1938 mm)	76.3 in. (1938 mm)	76.3 in. (1938 mm)	76.3 in. (1938 mm)
C	25°	25°	23°	23°	23°	23°	23°
D	5.5 in. (141 mm)	6.6 in. (167 mm)	7.4 in. (188 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)	7.5 in. (191 mm)
E	28.4 in. (722 mm)	32.2 in. (818 mm)	35.5 in. (900 mm)	40.6 in. (1030 mm)	40.6 in. (1030 mm)	40.6 in. (1030 mm)	40.6 in. (1030 mm)
F	75.6 in. (1925 mm)	89.1 in. (2263 mm)	95.8 in. (2432 mm)	101.8 in. (2586 mm)	101.8 in. (2586 mm)	101.9 in. (2588 mm)	101.9 in. (2588 mm)
G	97.3 in. (2472 mm)	110.2 in. (2800 mm)	124.1 in. (3152 mm)	130.3 in. (3310 mm)	130.3 in. (3310 mm)	130.3 in. (3310 mm)	130.3 in. (3310 mm)
H	25°	28°	27°	26°	26°	27°	27°
I	76.1 in. (1934 mm)	82 in. (2084 mm)	82.7 in. (2101 mm)	86.5 in. (2197 mm)	86.5 in. (2197 mm)	91 in. (2310 mm)	91 in. (2310 mm)
J	15.8 in. (400 mm)	15.4 in. (390 mm)	22.6 in. (575 mm)	18.1 in. (461 mm)	18.1 in. (461 mm)	29.6 in. (753 mm)	29.6 in. (753 mm)
K	94.5 in. (2399 mm)	103.6 in. (2633 mm)	109.5 in. (2781 mm)	114.5 in. (2908 mm)	114.5 in. (2908 mm)	118.2 in. (3002 mm)	118.2 in. (3002 mm)
L	34°	43°	40°	44°	44°	42°	42°
M	97°	95°	96°	92°	92°	95°	95°
N	36 in. (914 mm)	50 in. (1270 mm)	62 in. (1575 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)	68.7 in. (1745 mm)	82.4 in. (2093 mm)	82.4 in. (2093 mm)	78.8 in. (2001 mm)	78.8 in. (2001 mm)
P	29.6 in. (752 mm)	38.1 in. (967 mm)	48.1 in. (1222 mm)	55.1 in. (1340 mm)	55.1 in. (1340 mm)	56.4 in. (1433 mm)	56.4 in. (1433 mm)
Q	35.5 in. (901 mm)	45.9 in. (1167 mm)	58.7 in. (1490 mm)	66 in. (1676 mm)	66 in. (1676 mm)	66 in. (1676 mm)	66 in. (1676 mm)

	S205	S630	S650	S750	S770	S850	A770
A	152.1 in. (3863 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	76.3 in. (1938 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	23°	25°	25°	25°	25°	27°	25°
D	7.5 in. (191 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	40.6 in. (1030 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	101.9 in. (2588 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	130.3 in. (3310 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	27°	31°	31°	32°	32°	31°	32°
I	91 in. (2310 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	29.6 in. (753 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	118.2 in. (3002 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	95°	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	78.8 in. (2001 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	54.5 in. (1382 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)	59.3 in. (1507 mm)
Q	66 in. (1676 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	S130	S150	S160	S175
Loader Series	K-Series	K-Series	K-Series	K-Series	K-Series	K-Series
Rated Operating Capacity (ROC)	700 lb. (318 kg)	1000 lb. (453 kg)	1300 lb. (590 kg)	1500 lb. (680 kg)	1600 lb. (726 kg)	1750 lb. (794 kg)
ROC with Counterweight (optional)	-	-	-	-	-	Counterweight kits are available for the S175.
Tipping Load	1542 lb. (686 kg)	2002 lb. (908 kg)	2634 lb. (1195 kg)	3101 lb. (1407 kg)	3201 lb. (1452 kg)	4126 lb. (1872 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)	114.5 in. (2908 mm)	118.2 in. (3002 mm)
Lift Arm Path	Radius	Radius	Radius	Radius	Radius	Vertical
Size and Speed						
Operating Weight	2795 lb. (1268 kg)	4091 lb. (1856 kg)	5235 lb. (2375 kg)	5935 lb. (2692 kg)	5965 lb. (2706 kg)	6290 lb. (2853 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)	77.3 in. (1964 mm)	76.3 in. (1938 mm)	76.3 in. (1938 mm)	76.3 in. (1938 mm)
Travel Speed-Low Range	6.1 mph (9.8 km/hr.)	6.4 mph (10.3 km/hr.)	7.3 mph (11.8 km/hr.)	7.3 mph (11.8 km/hr.)	7.3 mph (11.8 km/hr.)	7.3 mph (11.8 km/hr.)
Travel Speed-High Range (optional 2-speed)	-	8.7 mph (14 km/hr.)	-	11.1 mph (17.9 km/hr.)	11.1 mph (17.9 km/hr.)	11.1 mph (17.9 km/hr.)
Engine						
Horsepower	Interim Tier IV Compliant 23.5 hp	Interim Tier IV Compliant 35.5 hp	Interim Tier IV Compliant 49 hp	Interim Tier IV Compliant 49 hp	Interim Tier IV Compliant 61 hp	Interim Tier IV Compliant 49 hp
Type	Diesel	Diesel	Diesel	Diesel	Turbo Diesel	Diesel
Fuel Tank Capacity	6.5 gal. (24.6 L)	11.9 gal. (45 L)	13.3 gal. (50.4 L)	24 gal. (91 L)	24 gal. (91 L)	24 gal. (91 L)
Horsepower Management	-	-	-	-	-	-
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	-	Std	Std	Std	Std
Bobcat Heavy Duty	Opt	Std	Opt	Opt	Opt	Opt
Bobcat Severe Duty	-	-	Opt	Opt	Opt	Opt
Bobcat Super Float	-	-	-	-	-	-
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	-
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	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
Fingertip Auxiliary Hydraulics Control	-	Opt (w/SJC)	Std	Std	Std	Std
Hydraulic System Pressure	3000 psi	3000 psi	2700 psi	3300 psi	3300 psi	3300 psi
Hydraulic Standard Flow	9.8 gpm (37.1 L/min.)	13.1 gpm (49.6 L/min.)	16.9 gpm (64 L/min.)	16.9 gpm (64 L/min.)	16.9 gpm (64 L/min.)	16.9 gpm (64 L/min.)
Hydraulic High Flow (optional)	-	-	-	-	26.4 gpm (100 L/min.)	-
Pressure Release Hydraulic Quick Couplers	-	Opt (w/SJC)	Std	Std	Std	Std
Speed Management	-	-	-	-	-	-



**Include d with SJC Option (see attachment section for details)**



# The leader in versatility and maneuverability.



**Attachments**



**Skid-Steer Loaders**



**Compact Track Loaders**



**All-Wheel Steer Loader**



**Compact Excavators**



**Mini Track Loaders**



**VersaHandler® Telescopic Tool Carriers**



**Toolcat™ Utility Work Machines**



**Utility Vehicles**



**Compact Tractors**



## Get Bobcat Gear!

Find cool Bobcat® gear and accessories by visiting  
your local Bobcat dealer or [www.BobcatStore.com](http://www.BobcatStore.com)

# Bobcat History

## 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 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.



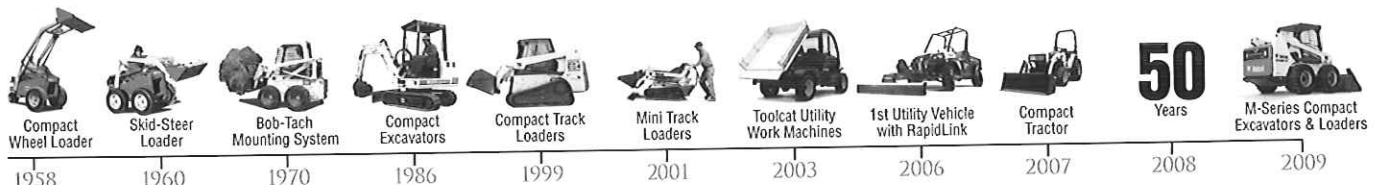
## Leader by Design:

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.
- Today** – Over the course of time, one out of every two skid-steer loaders have been a Bobcat loader.
- 1970** – Invented the **FIRST** attachment mounting system for skid-steer loaders.
- Today** – Bobcat Company manufactures more attachments than anyone in the world.
- 1977** – Built the **FIRST** skid-steer with no chain adjustments required.
- Today** – Still a Bobcat exclusive.
- 1981** – The **FIRST** secondary restraint seat bar is introduced.
- Today** – Bobcat is the only company that offers operator training kits for compact equipment.
- 1983** – The **FIRST** skid-steer with a transversely mounted engine.
- Today** – Still a Bobcat exclusive.
- 1986** – Introduced the **FIRST** compact excavator manufactured in the U.S.
- Today** – Still the only compact excavator manufactured in the U.S.
- 1999** – Introduced the **FIRST** compact track loader with a solid-mounted undercarriage manufactured in the U.S.
- Today** – Bobcat has 30% of the compact track loader market.
- 2001** – Invented the **FIRST** loader with all-wheel steer and skid-steer capabilities.
- Today** – 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.
- Today** – The Toolcat utility work machine – still the only one of its kind.
- 2006** – Introduced the **FIRST** utility vehicle with RapidLink™ Attachment System.
- 2007** – Bobcat launches its new line of compact tractors.
- 2008** – Roller Suspension, the **FIRST** all-steel suspension system, is introduced.
- 2009** – Released M-Series compact excavators and loaders.

## 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.



# BOBCAT TIMELINE

YOUR STANDARDS ARE NOT OPTIONAL.

RECESSED  
TAIL LIGHTS  
AND DECALS



T650  
**Bobcat®**

PROTECTED  
QUICK  
COUPLERS

# WE COVERED YOUR REAR, BUT WE DIDN'T STOP THERE.

REAR  
BUMPER

Primed for productivity – and protected from back to front – M-Series loaders from Bobcat stands up to your most difficult jobs. For starters, the rear bumper protects the tailgate from obstacles on the jobsite. Recessed rear lighting minimizes damage to tail lights. Protected quick couplers, mounted directly into the front plate of the lift arm, have no exposed hoses to damage. A guard that extends beyond the couplers offers even more protection. The removable hose guide makes it simple to correctly route hydraulic hoses, minimizing attachment wear and tear. Keep it looking like new and minimize downtime. There's only one manufacturer with standards as high as yours. Find out more at [www.bobcat.com/skidsteer](http://www.bobcat.com/skidsteer)



**Bobcat®**

***One Tough Animal.***



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**Bobcat®**

## Mini Track Loaders



**Bobcat®**

of Advantage Valley

**SALES • SERVICE • RENTAL**

Cross Lanes, WV 25313

304-776-9100 • 1-866-426-2228

[www.bobcatwv.com](http://www.bobcatwv.com)

***One Tough Animal™***

# One-Man Crew!

## Bobcat® Mini Track Loaders

**Landscapers...Contractors...Rental Operators...**  
**here's the perfect complement to your loader fleet!**

They're tough, versatile, fast, agile and strong! They deliver all the rugged dependability you expect from the Bobcat brand, along with the jobsite convenience of a walk-behind mini track loader!

### What can they do?

You name it. The MT52 and MT55 dig, auger, till, trench, move material — and all kinds of other jobs you'll think of when you're out on the worksite.

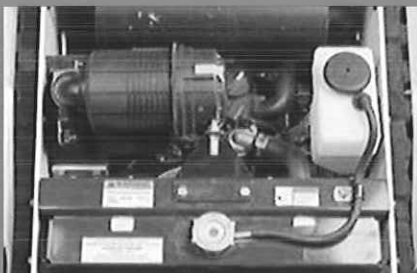
### Either 36 or 42 inches wide

Each mini track loader packs a lot of power in a small package. They let you work in tight spots, both indoors and outdoors, and easily slip through most doorways and fence gates.



### Simple to operate

One-hand drive operation makes it the easiest-to-operate mini track loader.



### Durability that lasts

Bobcat mini track loaders feature liquid-cooled diesel engines for maximum performance and durability.



### Tilt Steering

Adjustable height drive controls ensure operators of varying heights can work comfortably.

### Ride on it or walk behind it!

- Hook up or unhook exclusive ride-on platform within seconds
- Pivoting platform provides smooth ride
- Large standing surface area promotes operator comfort
- Platform moves like a wheelbarrow when not installed
- Platform is easy to transport



<b>MT52</b>	<b>520<sub>lb.</sub></b>	<b>71.3<sub>in.</sub></b>	<b>20<sub>in.</sub></b>	<b>36<sub>in.</sub></b>	<b>12<sub>gpm</sub></b>
	Rated Operating Capacity	Lift Height	Liquid-Cooled Diesel Engine	Width (with bucket)	Auxiliary Hydraulic Flow

<b>MT55</b>	<b>550<sub>lb.</sub></b>	<b>71.3<sub>in.</sub></b>	<b>25<sub>in.</sub></b>	<b>44<sub>in.</sub></b>	<b>12<sub>gpm</sub></b>
	Rated Operating Capacity	Lift Height	Liquid-Cooled Diesel Engine	Width (with bucket)	Auxiliary Hydraulic Flow

# Get versatile! Hook up to a wide choice of hard-working Bobcat attachments, including:



## Angle Broom

Sweeps snow, dirt and debris from sidewalks, driveways and warehouse floors.



## Auger

Augers holes with speed and plumb-line accuracy. Bits up to 36 in. available.



## Backhoe

Excavates in hard-to-reach areas. Ideal for landscaping, nurseries, water and power lines.



## Vibratory Plow

Install flexible pipe and utility cable in the ground. Minimize ground disturbance.



## Buckets

Designed to handle a wide variety of jobs and materials.



## Combination Bucket

Gives you five functions in one attachment: dozing, digging, dumping, grappling, grading. Six sizes: 44 to 84 in.



## Hydraulic Breaker

Breaks up asphalt, concrete and other hard surfaces; smashes through walls. Exceptional power.



## Boring Unit

Install utilities under driveways, sidewalks and other obstructions with little or no damage to existing structures.



## Landplane

Grades, levels, transports material, breaks up hard ground, peels sod.



## Pallet Fork

Handles palletized material and long objects, such as lumber and fence posts.



## Soil Conditioner

Smooths ruts, moves material, levels mounds and handles many soil preparation chores.



## Tiller

Digs and loosens soil, mixes compost and other materials into existing soil.



## Trencher

Handles a wide range of jobs, including trenching close to buildings.



## Utility Blade

Use it both as a snow blade or dozer blade. Moldboard angles up to 30 degrees.

## STANDARD EQUIPMENT

- Bob-Tach™ Mounting System
- Reverse Stop Panel
- Lift Arm Lockout with Manual Bypass
- Continuous Flow Shutoff Lever
- Tilt Steering
- Tilt Lockout
- Hydrostatic Drive
- Auxiliary Hydraulics
- Liquid-Cooled Diesel Engine
- Parking Brake
- Gauges / Warning Lights
- Spark Arrestor Muffler
- Built-In Tie-Down Locations
- Built-In Lift Hook Locations
- Lift Arm Support
- Neutral Start Interlocks
- Tracks (7 in. wide) MT52
- Tracks (10 in. wide) MT55



# Bobcat® Mini Track Loaders

## Specifications

### Performance

Rated Operating Capacity  
Tipping Load  
Hydraulic Pump Capacity  
Travel Speed

Operating Weight (with bucket)  
Ground Pressure

### Dimensions

Length (without bucket)  
Width (with bucket)  
Height  
Height to Bucket Pin

### Engine

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

### Operation

Steering and Drive

Lift and Tilt

Transmission  
Attachment

### Standard Features

### Options/Accessories

### MT52

520 lb. (236 kg)  
1600 lb. (726 kg)  
12 gpm (45.4 L/min.)  
3.5 mph (5.6 km) forward  
1.5 mph (2.3 km) reverse  
2580 lb. (1170 kg)  
5.2 psi

### MT55

550 lb. (249 kg)  
1705 lb. (773 kg)  
12 gpm (45.4 L/min.)  
3.5 mph (5.6 km) forward  
1.5 mph (2.3 km) reverse  
2725 lb. (1236 kg)  
4.1 psi

D722 E3B  
Diesel/Liquid  
3  
20 hp / 44.0 cu. in.  
7.0 gal. (26.5 L)

D902 E3B  
Diesel/Liquid  
3  
25 hp / 54.8 cu. in.  
7.0 gal. (26.5 L)

Direction and speed controlled  
by one multi-function handle.  
Raise/lower and dump/rollback controlled  
by one lever.  
Hydrostatic track drive system.  
Single lever with dual direction detent.

Auxiliary Hydraulics  
Bob-Tach™  
Mounting System  
Continuous Flow Shutoff Lever  
Gauges/Warning Lights  
Hydrostatic Drive Train  
Lift Arm Lockout  
w/Manual Bypass  
Lift Arm Support  
Lift Hook Locations

Liquid-Cooled Diesel Engine  
Neutral Start Interlocks  
Parking Brake  
Reverse Stop Panel  
Spark Arrestor Muffler  
Tie-down Locations  
Tilt Lockout  
Tilt Steering  
Track (7 in. wide) MT52  
Track (10 in. wide) MT55

Attachment Control Kit  
Catalytic Exhaust Purifier  
Engine Block Heater

Ride-on Platform  
Shutdown kit  
Light Kit

### Parts and service backup

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

### Unbeatable Bobcat warranty

The best equipment carries the best warranty! The MT52 and MT55 mini track loaders come with a full one-year warranty with unlimited hours.

### Operator training

An operator safety video is available.

## Bobcat Mini Track Loaders — the One-Man Crew!

Just one worker can take on a variety of jobs with a Bobcat® MT52 or MT55 mini track loader. Rated operating capacities of 520 and 550 pounds make these track stars the perfect complement to your loader fleet!

Ride on 'em or walk behind 'em — they're the only mini track loaders on the market that give you a choice!

The MT52 and MT55 dig, auger, trench, move material... along with dozens of other tasks you'll think up when you're out on the worksite. It's easy to find things for the mini track loaders to do because there are so many job-matched Bobcat attachments to choose from.

And look at the size. Only 35.6 (MT52) or 41.4 (MT55) inches wide and 72.4 inches long without attachment, these loaders go where most other machines can't — through doorways and fence gates, so you can work in close quarters indoors or outdoors.

Another big plus: the rugged rubber tracks keep you going in soft, wet or muddy conditions, with minimal ground disturbance.

So grab yourself a handful of concentrated power — and get to work with a Bobcat MT52 or MT55 mini track loader!

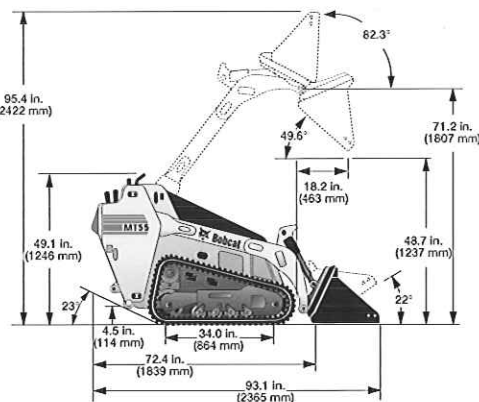
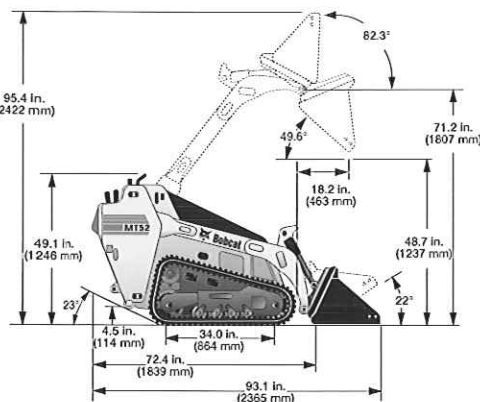
### MT52

**520 LB.** **12 GPM** **36 IN.**  
Rated Hydraulic Width  
Operating Flow (with bucket)  
Capacity

### MT55

**550 LB.** **12 GPM** **44 IN.**  
Rated Hydraulic Width  
Operating Flow (with bucket)  
Capacity

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 loaders may show other than standard equipment. All dimensions are given for loader equipped with standard tracks. 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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www.bobcat.com



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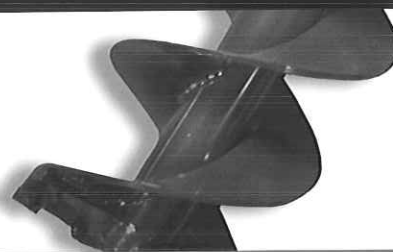
### Bobcat Attachments for these models:

Angle Broom  
Attachment Adapter Plate  
Auger  
Backhoe  
Boring Unit  
Bucket  
Combination Bucket  
Digger  
Hydraulic Breaker  
Landplane  
Pallet Fork  
Snowblower  
Soil Conditioner  
Stump Grinder  
Tiller  
Tree Fork  
Trencher  
Utility Blade  
Utility Fork  
Utility Grapple  
Vibratory Plow



**Bobcat®**

## Auger Attachment



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[www.bobcatwv.com](http://www.bobcatwv.com)

***One Tough Animal™***

# QUICK, POWERFUL AND ACCURATE DIGGING.

**Powerful hydraulics dig 6"- 36" holes with speed and plumb-line accuracy.**

Whether it's holes for fence posts or trees, there are three models of the Bobcat® auger attachment to fit your Bobcat machine. Features of the Bobcat auger drive include:

- Direct drive for more efficient operation. A smaller drive housing allows the entire drive unit to follow the bit into the hole, adding a foot more dig depth than a standard drive unit<sup>1</sup>.
- More torque. An efficient design and modified displacement give these units plenty of torque.
- Patented combination hex and round output shaft standard on Models 15C and 30C.
- Improved mounting system.

<sup>1</sup>12-inch bit or larger



Combination hex and round output shaft.



Patented combination hex and round output shaft accepts auger bits with either a hex or round drive. The combination output shaft is standard on Model 15C and 30C augers.



A unique knuckle joint design allows the auger to dig vertical holes even if your Bobcat unit is on uneven terrain.



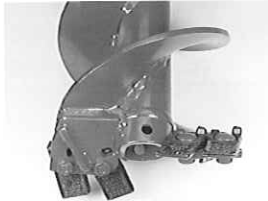
Turn your Bobcat 323, 325, 328, 329, 331, 331E, 334, 335, 337, 341, 430, 430E or 435 compact excavator into an auger machine to drill holes for posts, poles, piers and footings in those hard-to-reach places.



## Auger bits and teeth for different soil conditions



**Light Duty Bit**  
(white)



**Standard Bit**  
(charcoal)



**Heavy Duty Bit**  
(orange)



**Rock Bit**  
(white)

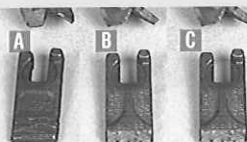
### Features

2.5-inch ROUND drive hub  
Single flighting  
Steel boring head  
Tri-Flow™ pilot point  
45-inch length

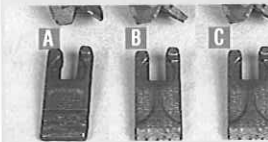
### Applications

Standard digging, clay and sandy soils

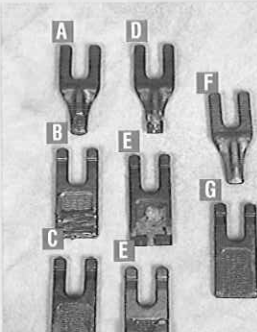
### Replacement Teeth



A. Aggressor forged (STD)  
B. Aggressor carbide  
C. Aggressor hardfaced



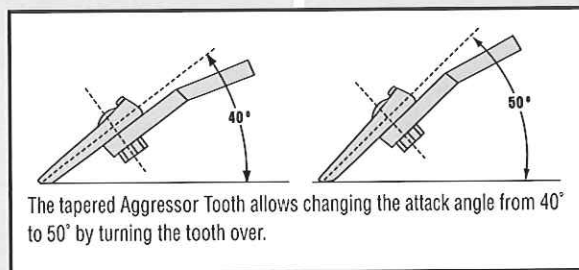
A. Aggressor forged (STD)  
B. Aggressor carbide  
C. Aggressor hardfaced



A. Hard faced chisel tooth  
B. Hard faced 2-side  
C. Hard faced 1-side  
D. Carbide chisel tooth  
E. Carbide tooth (2)  
F. Standard chisel tooth  
G. Standard corner tooth



A. Round carbide



# Bobcat® Auger Attachment Specifications

## Quick, Powerful and Accurate Digging!

### Digging Depth (without extension)

Model 10	58 in.
Model 15C, 15H, 30C, 30H	62 in.

### Recommended Machines

Model 10: MT50, MT52, MT55, 463, 553, 753, S70-S130, T140 Loaders; 322\*, 323, 325, 328 Excavators

Model 15C/15H: 553-883, S100-S330, T140-T320, A220-A300 Loaders; 325, 328, 329, 331, 331E\*\*, 334, 335, 337, 341, 430, 430E, 435 Excavators; V417, V518, V623, V638, V723 VersaHandler TTC; 5600 Utility Work Machine

Model: 753-963, S130-S330, T180-T320, A220-A300 Loaders; 325, 328, 329, 331, 331E\*\*, 334, 335, 337, 341, 430, 430E, 435 Excavators; V417, V518, V623, V638, V723 VersaHandler TTC; 5600 Utility Work Machine

\*Largest bit capable 15 in. \*\*The 331E extendable arm must be pinned in the retracted position.

Auger	MODEL 10	MODEL 15C/15H	MODEL 30C/30H
<b>HOUSING</b>			
Length	8.44 in. (214 mm)	10.59 in. (269 mm)	10.59 in. (269 mm)
Width	9.18 in. (233 mm)	10.23 in. (260 mm)	10.23 in. (260 mm)
Height	—	20.65 in. (525 mm)	20.65 in. (525 mm)
<b>CLEARANCE DIAMETER OF DRIVE UNIT</b>	10 in. (254 mm)	12 in. (305 mm)	12 in. (305 mm)
<b>WEIGHT</b>	140 lb. (64 kg)	215 lb. (98 kg)	231 lb. (105 kg)
<b>DRIVE SYSTEM</b>	DIRECT	DIRECT	DIRECT
<b>RPM*</b>			
@ 6 gpm (23 L/min.)	36 rpm	—	—
@ 8 gpm (30 L/min.)	48 rpm	38 rpm	—
@ 13 gpm (49 L/min.)	78 rpm	61 rpm	32 rpm
@ 15 gpm (57 L/min.)	90 rpm	71 rpm	36 rpm
@ 18 gpm (68 L/min.)	—	85 rpm	44 rpm
@ 25 gpm (95 L/min.)	—	—	61 rpm
@ 28 gpm (106 L/min.)	—	—	68 rpm

<b>TORQUE*</b>			
@ 1600 psi (11030 kPa)	817 ft.-lb. (1108 Nm)	1040 ft.-lb. (1410 Nm)	2016 ft.-lb. (2734 Nm)
@ 1800 psi (12409 kPa)	919 ft.-lb. (1246 Nm)	1170 ft.-lb. (1587 Nm)	2268 ft.-lb. (3075 Nm)
@ 2000 psi (13788 kPa)	1021 ft.-lb. (1384 Nm)	1300 ft.-lb. (1763 Nm)	2520 ft.-lb. (3417 Nm)
@ 2200 psi (15167 kPa)	1123 ft.-lb. (1523 Nm)	1430 ft.-lb. (1939 Nm)	2772 ft.-lb. (3759 Nm)
@ 2600 psi (17924 kPa)	1328 ft.-lb. (1801 Nm)	1690 ft.-lb. (2292 Nm)	3276 ft.-lb. (4442 Nm)
@ 3000 psi (20682 kPa)	1532 ft.-lb. (2077 Nm)	1950 ft.-lb. (2644 Nm)	3780 ft.-lb. (5126 Nm)

\* Values are calculated, theoretical at 100% efficiency.

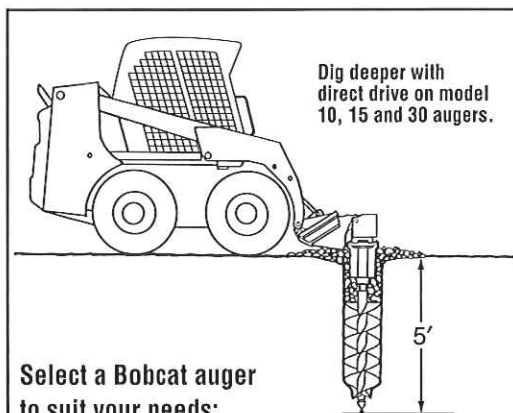
### Auger Bit Sizes

<b>Light Duty:</b>	6 in., 9 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in.
<b>Standard:</b>	6 in., 9 in., 12 in., 15 in., 18 in., 24 in., 30 in., 36 in.
<b>Tree Planting</b>	18 in., 24 in., 30 in., 36 in.
<b>Heavy Duty:</b>	6 in., 9 in., 12 in., 16 in., 18 in., 20 in., 24 in., 30 in.
<b>Rock:</b>	6 in., 9 in., 12 in., 16 in., 18 in., 20 in., 24 in., 30 in.

### Accessories

<b>Extensions:</b>	14 in. Extension
	24 in. Adjustable Round Extension (Adjustment Positions: 9 in., 16.5 in., 24 in.)
	24 in. Adjustable Hex Extension (Adjustment Positions: 9 in., 16.5 in., 24 in.)
	48 in. Adjustable Round Extension (Adjustment Positions: 13 in., 24.7 in., 36.3 in., 48 in.)
	48 in. Adjustable Hex Extension (Adjustment Positions: 23 in., 35.5 in., 48 in.)

<b>Adapters for</b>	Round Shaft to Hex Bit Adapter, Cast
<b>Dedicated Hex or</b>	Hex Shaft to Round Bit Adapter, Cast
<b>Round Shafts:</b>	Hex Shaft to Round Bit Adapter, Sleeve



Select a Bobcat auger to suit your needs:

	Torque	Speed	Recommended Uses
Model 10	Low	High	Areas with relatively easy digging or loose soils. Up to 24 in. diameter bits.
Model 15C/15H	Med	Med	Moderate to heavy digging requirements, rocky soil, and occasional tough digging. Up to 36 in. diameter bits.
Model 30C/30H	High	Low	Hard, tough, all-day digging through hardpan, frost, or asphalt. Ideal for large diameter bits and hex drive applications.

"C" designation denotes "combination hex and round" output shaft. "H" designation denotes hex drive only. All other drives are round

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.

*The Bobcat Attachments Advantage: Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.*

Bobcat Auger Attachments fit these carrier models:

**Mini Loaders:**  
MT52  
MT55

**Skid-Steer Loaders:**

463  
S70  
S100  
S130  
S150  
S160  
S175  
S185  
S205  
S220  
S250  
S300  
S330

**Compact Track Loaders:**

T140  
T180  
T190  
T250  
T300  
T320

**All-Wheel Steer Loaders:**  
A300

**Excavators:**

323  
325  
329  
331  
331E  
335  
337  
425  
430E  
430  
435

**Telescopic Tool Carriers:**

V417  
V518  
V638FL  
V723  
V723FL

**Utility Work Machine:**

5600  
5610

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www.bobcat.com

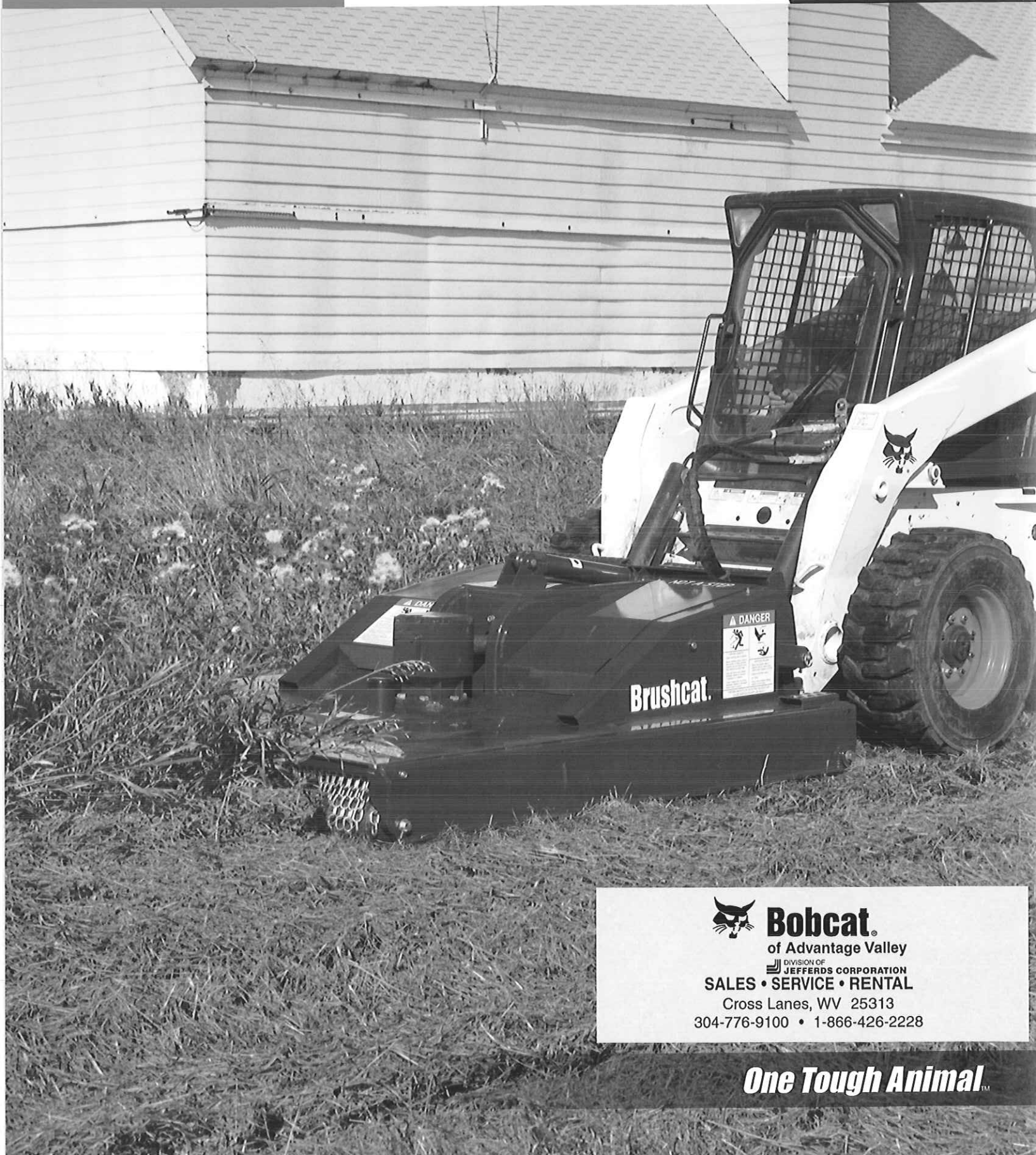
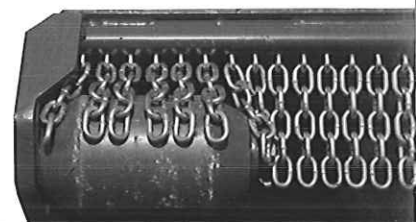


**Bobcat®**



**Bobcat®**

## **Brushcat™ Rotary Cutter Attachment**



**Bobcat.**

of Advantage Valley

DIVISION OF

JEFFERDS CORPORATION

**SALES • SERVICE • RENTAL**

Cross Lanes, WV 25313

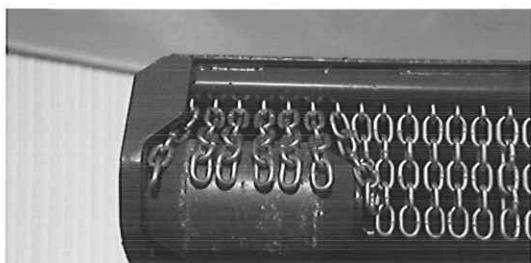
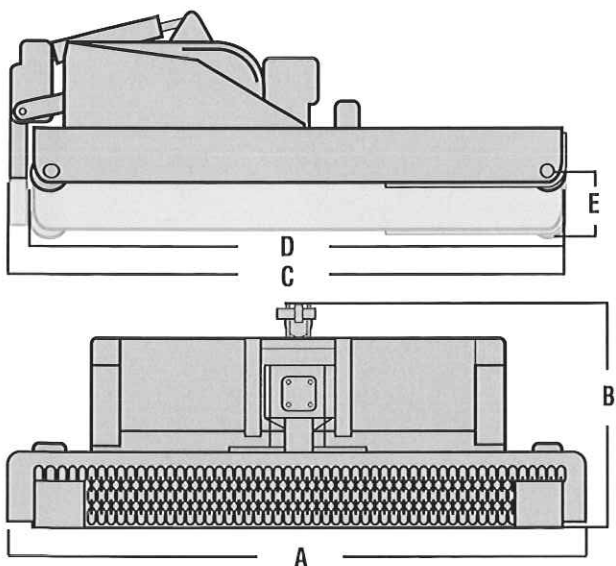
304-776-9100 • 1-866-426-2228

***One Tough Animal™***



# Bobcat® Rotary Cutter Attachment Specifications

Model	60" Standard Flow	60" High Flow	72" Standard Flow	72" High Flow	72" High Flow 37 gpm
Operating Weight	1706 lb. (774 kg)	1706 lb. (774 kg)	1906 lb. (865 kg)	1906 lb. (865 kg)	1938 lb. (879 kg)
Shipping Weight	1885 lb. (855 kg)	1885 lb. (855 kg)	2116 lb. (960 kg)	2116 lb. (960 kg)	2148 lb. (974 kg)
Cutting Capacity	Brush Material up to 3 in. (76 mm) in diameter				
Hydraulic Flow Range	15-22 gpm (57-83 L/min.)	20-32 gpm (76-121 L/min.)	15-22 gpm (57-83 L/min.)	20-32 gpm (76-121 L/min.)	30-40 gpm (114-151 L/min.)
Motor Color	White	Charcoal	White	Charcoal	Orange
Blade Tip Speed					
Minimum Flow	16217 ft./min. (82.4 m/sec)	13244 ft./min. (67.3 m/sec)	15380 ft./min. (78.1 m/sec)	13244 ft./min. (67.3 m/sec)	16027 ft./min. (81.4 m/sec)
Maximum Flow	23785 ft./min. (120.8 m/sec)	21191 ft./min. (107.7 m/sec)	22558 ft./min. (114.6 m/sec)	21191 ft./min. (107.7 m/sec)	21369 ft./min. (108.6 m/sec)
Cutting Width	60 in. (1524 mm)	60 in. (1524 mm)	72 in. (1829 mm)	72 in. (1829 mm)	72 in. (1829 mm)
Cutting Height	2.00 in. (50.8 mm) Standard	2.00 in. (50.8 mm) Standard	2.00 in. (50.8 mm) Standard	2.00 in. (50.8 mm) Standard	2.00 in. (50.8 mm) Standard
Overall Width (A)	63.82 in. (1621 mm)	63.82 in. (1621 mm)	75.82 in. (1925.8 mm)	75.82 in. (1925.8 mm)	75.82 in. (1925.8 mm)
Overall Height (B)	29.06 in. (738.1 mm)	29.06 in. (738.1 mm)	29.06 in. (738.1 mm)	29.06 in. (738.1 mm)	29.06 in. (738.1 mm)
Overall Length (C)	82.46 in. (2094.5 mm)	82.46 in. (2094.5 mm)	92.92 in. (2360.3 mm)	92.92 in. (2360.3 mm)	92.92 in. (2360.3 mm)
Deck Length (D)	76.00 in. (1930.4 mm)	76.00 in. (1930.4 mm)	86.50 in. (2197.1 mm)	86.50 in. (2197.1 mm)	86.50 in. (2197.1 mm)
Vertical Travel (E)	9.0 in. (228.6 mm)	9.0 in. (228.6 mm)	9.0 in. (228.6 mm)	9.0 in. (228.6 mm)	9.0 in. (228.6 mm)



Front rollers allow attachment to better traverse uneven terrain while reducing operator fatigue. Standard equipment on all Brushcat rotary cutters.

*The Bobcat Attachments Advantage: Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.*

## Powerful Brush and Undergrowth Clearing!

Handle your tough brush-clearing applications easily with the Brushcat® rotary cutter. It mulches small branches and saplings — up to 3 inches in diameter — and cuts through the thickest grass and brush. Its powerful blades provide an excellent cutting and mulching action while maintaining the proper power-to-blade ratio. The Brushcat rotary cutter is ideal for clearing undeveloped property, construction sites, powerline access roads, trails, ditches, and more. It can be operated traveling both forward and reverse. The flotation linkage allows the deck to float over ground contours, keeping it in contact with the surface for optimum performance.

- **Velocity fuse safeguards hydraulic system-** If the hydraulic capacity of the motor is exceeded, the velocity fuse—installed on most Brushcat rotary cutter models—will shut off the hydraulic flow to the cutter and limit potential damage to the system.
- **Hydraulic pressure gauge indicates operating pressure of loader-** A hydraulic pressure gauge, located on the rotary cutter and visible from the operator seat, indicates the operating pressure range of the loader. The pressure gauge ranges are signified by green, yellow and red color codes—allowing operators to monitor and maintain optimal carrier travel speed.
- **Patented blade shutoff-** The patented blade shutoff device stops blade rotation when the rotary cutter is raised off the ground.
- **Double-edge blades provide increased blade life-** Double-edge blades provide bidirectional cutter rotation to increase blade life. This is achieved by switching the hydraulic hoses at the drive motor.
- **Hydraulic drive eliminates shear pins and drive clutches-** The hydraulic drive dampens impact loads and eliminates the need for shear pins or drive clutches.
- **Meets SAE and ASAE standards-** Bobcat Brushcat rotary cutters comply with SAE J232 and ASAE S483 standards for industrial rotary cutters.

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.

Brushcat Rotary Cutter Attachment fits these Bobcat® carrier models:

Skid-Steer Loaders:

S150  
S160  
S160H  
S175  
S185  
S185H  
S205  
S205H  
S220  
S220H  
S250  
S250H  
S300  
S300H  
S330  
S330H

Compact Track Loaders:

T180  
T180H  
T190  
T190H  
T250  
T250H  
T300  
T300H  
T320

All-Wheel Steer Loaders:

A300  
A300H

Utility Work Machine:

5600  
5600H

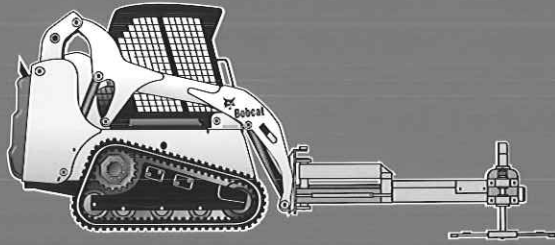
VersaHANDLER®

TTC:  
V417

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[www.bobcat.com](http://www.bobcat.com)



**Bobcat®**



# BRUSH SAW

*attachment*



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***One Tough Animal***

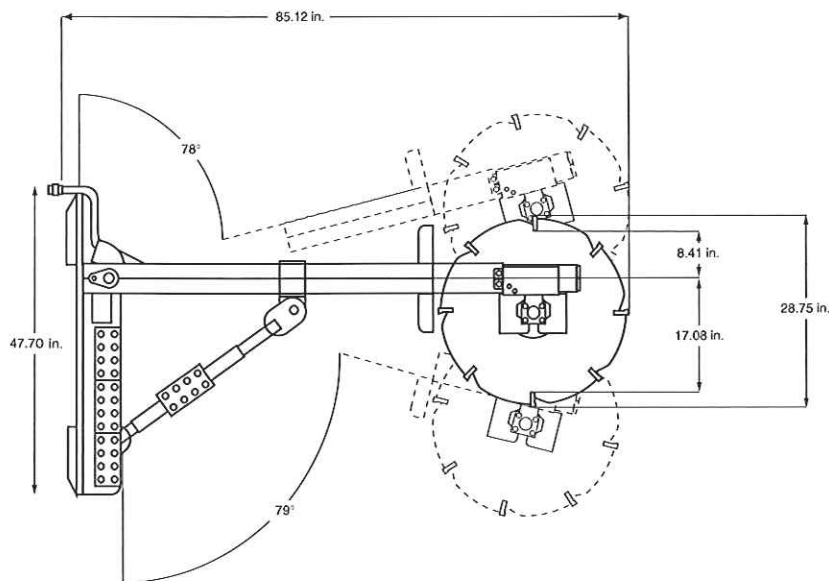
# SPECIFICATIONS

## Clear Unwanted Brush

### Brush Saw\*

Operating Weight	580 lb. (263 kg)
Width	48 in. (1219 mm)
Length	85 in. (2159 mm)
Height	29 in. (736 mm)
Cutting Wheel Diameter	28.75 in. (730 mm)
Maximum Wheel Tip Speed	3010 ft./min. (917 m/min. @ 22gpm)
Number of Teeth	8
Degree of Angle (right or left)	12°
Hydraulic Flow	15-22 gpm (57-83 lpm)

\*Note: A Special Applications Kit must be installed on the loader when operating the brush saw attachment.



28-inch diameter high-tensile steel blade has 8 replaceable weld-on, carbide-tipped teeth.

### Cut brush down to size!

The Bobcat brush saw attachment is the quick, convenient way to remove unwanted brush up to 15 feet tall. It's ideal for cutting firebreaks, clearing pastures and grasslands, and cleaning road and utility line right-of-ways.

- High-torque, low-speed motor increases efficiency while decreasing stalling.
- Manual 3-position boom angle.
- Left side discharge.
- Steel deflector shields protect operator and loader from flying debris.
- The brush saw can cut slightly below ground level to minimize stumps often left by tree shears.
- It has the ability to cut beyond mounting frame of saw when angled to left.

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.

**The Bobcat Attachments Advantage:**  
Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.

**Bobcat  
Brush Saw  
Attachment  
fits these  
carrier  
models**

#### Skid-Steer Loaders:

753  
763  
S130  
S150  
S160  
773  
S175  
S185  
863  
873  
S220  
S250  
S300

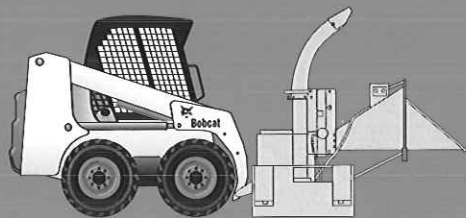
#### Compact Track Loaders:

T180  
T190  
T200  
T250  
T300

#### All-Wheel Steer Loaders:

A220  
A300





# CHIPPER

*attachment*



**Bobcat.**

*of Advantage Valley*

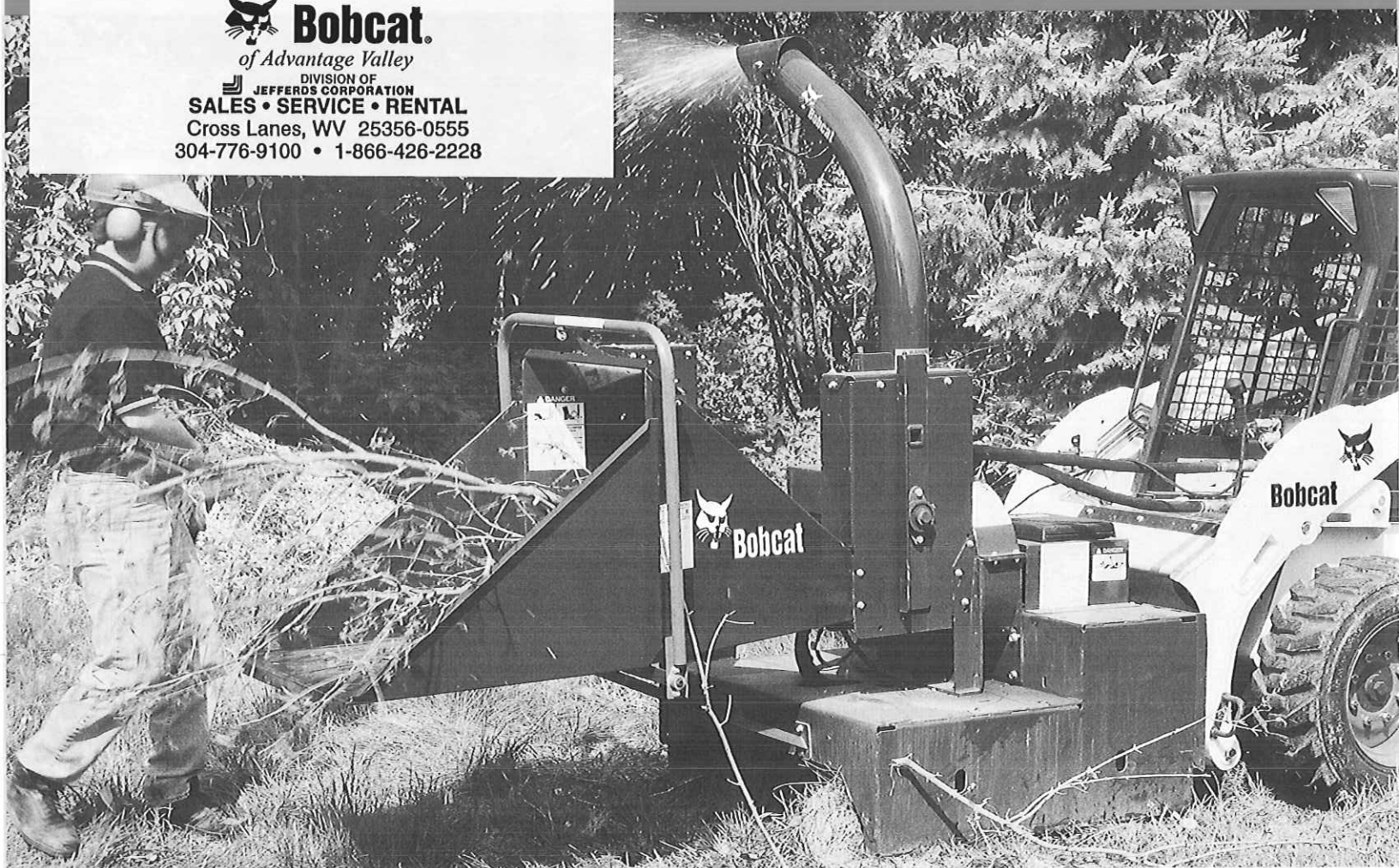
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Feed from the front.



...or the side.

***One Tough Animal***

# SPECIFICATIONS

## Grinds Branches And Tree Limbs

Chipper	5A Chipper	8A Chipper
Shipping Weight	1235 lb. (560 kg)	1700 lb. (771 kg)
Operating Weight	1145 lb. (519 kg)	1525 lb. (692 kg)
Feeder Opening	5 in. (127 mm)	9 in. (34.4 mm)
Continuous Chipping Size	Up to 3 in. (76.2 mm) diameter material	Up to 5 in. (127 mm) diameter material
Feed Table Height	23.5 in. (597 mm)	23.5 in. (597 mm)
Discharge Chute Height	92 in. (2337 mm)	94 in. (2388 mm)
Blades	4 reversible tool steel blades	4 reversible tool steel blades
Dual Mounting Locations	Feed from front or right side of loader	Feed from front or right side of loader

Discharge Chute  
(Includes Adjustable Deflector)

Rotates 360°

Rotates 360°

**The Bobcat chipper attachment grinds branches, trees and limbs, reducing branch volume 10-to-1.**

Unlike pull-type chippers, the chipper attachment can easily be placed into back yards and remote areas with the maneuverability of a Bobcat loader.

Hydraulic power feed is included as standard equipment. It allows the feed roller to move branches into the chipper at a consistent speed so the operator can work safely and efficiently.

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 loaders 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.

\*The Remote Attachment Control Kit (RAC) is available only for Bobcat loaders equipped with the Bobcat Interlock Control System (BICS™). Bobcat loaders built prior to the introduction of BICS will not allow operation of the chipper attachment.

*The Bobcat Attachments Advantage:  
Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.*

**Bobcat Chipper Attachment fits these carrier models:**

**Skid-Steer Loaders:**

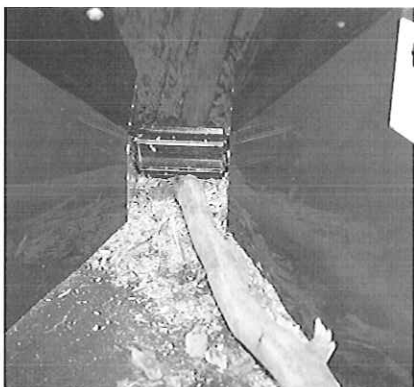
753  
763  
773  
773TH  
S175  
S185  
S185H  
863  
863H  
S250  
S250H  
873  
873H  
S300  
S300H  
883  
883H

**Compact Track Loaders:**

T190  
T190H  
T200  
T200H  
T300  
T300H

**All-Wheel Steer Loaders:**

A220  
A220H  
A300



Hydraulic feed is standard on the Bobcat chipper.



Using the Bobcat Remote Attachment Control\*, the operator can start the loader from the ground without entering and exiting the loader. This eliminates the need for a second operator in the loader.

Small chips decompose faster than branches or large chips and reduce trips to the dump site.



**Bobcat®**

B-1708

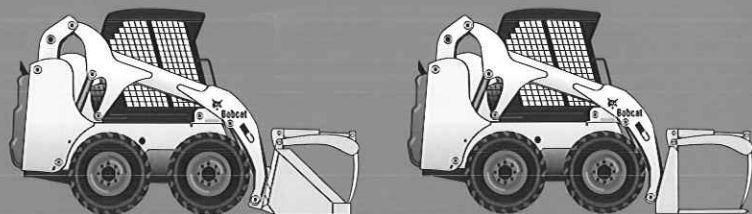
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[www.bobcat.com](http://www.bobcat.com)

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# FORKS & GRAPPLERS

*for Agriculture*



**Bobcat.**

*of Advantage Valley*

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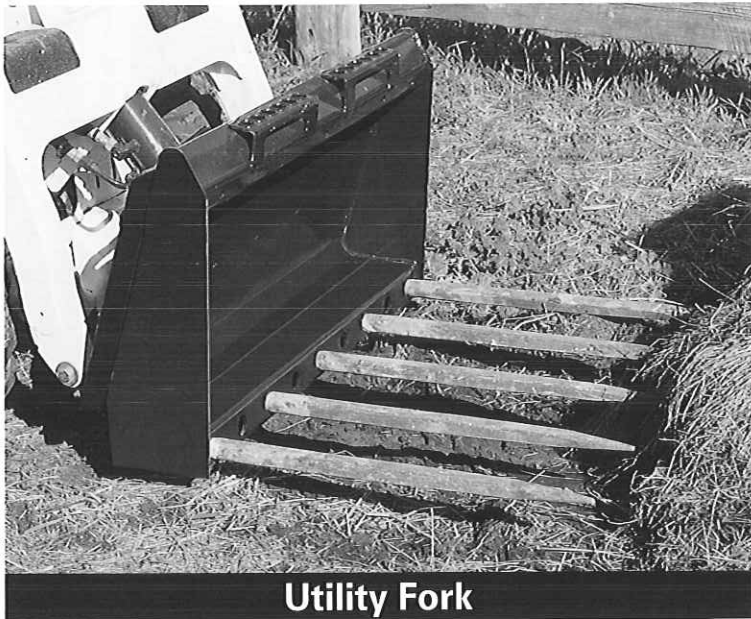
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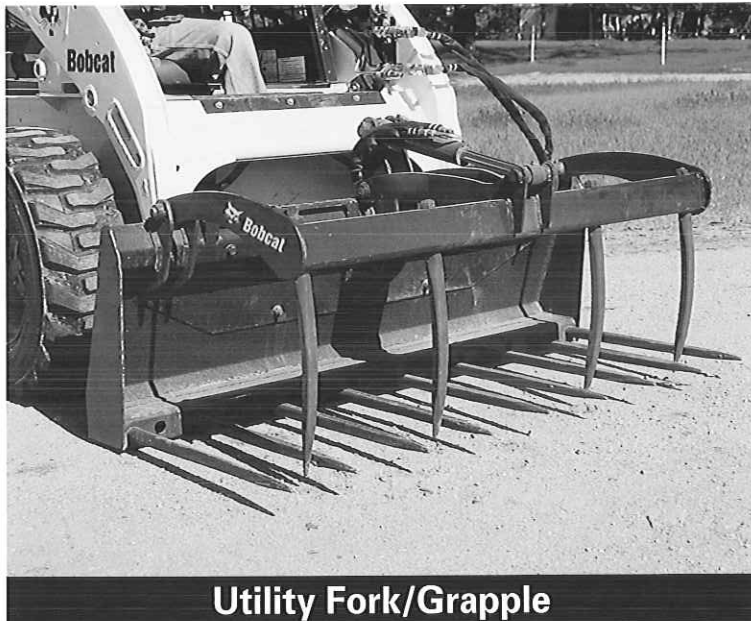
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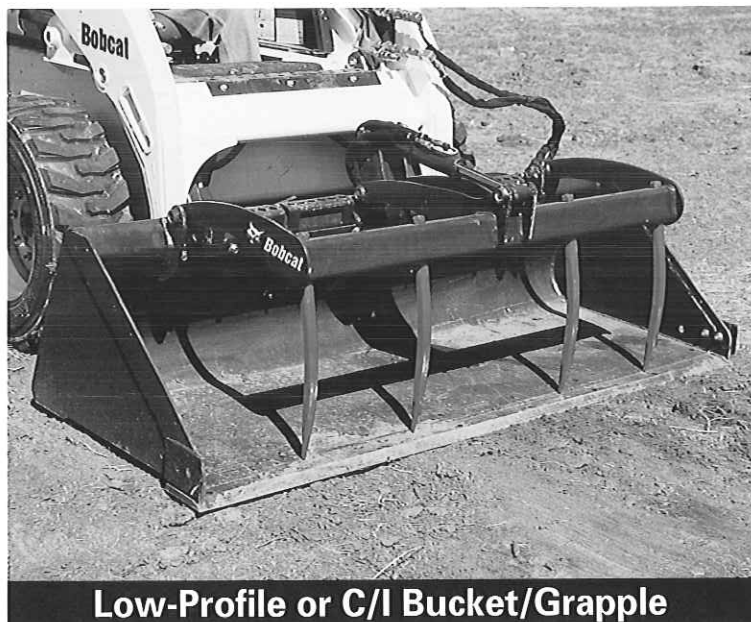




**Utility Fork**



**Utility Fork/Grapple**



**Low-Profile or C/I Bucket/Grapple**

**The Bobcat utility fork – handy on the farm.** Featuring strong, replaceable, tapered teeth to handle a variety of materials, the durable Bobcat utility fork is available for most Bobcat® loaders (see back page for details). Use the exclusive Bob-Tach™ Mounting System to quickly secure the utility fork to your Bobcat loader. Now you're ready to make short work of a tough chore!

### **Add gripping power with the Bobcat farm grapple!**

For extra-efficient material moving on the farm or ranch, attach the farm grapple to a Bobcat utility fork, low-profile bucket or construction/industrial bucket. The farm grapple offers additional holding ability for those hard-to-handle farm materials such as loose hay, bedding or manure. A single, double-acting cushioned cylinder produces a tight grip. The grapple design allows you to get the fork or bucket close to fences or the sides of stalls.



### **For even more holding ability, bolt on additional grapple teeth.**

The farm grapple comes standard with four bolt-on replaceable teeth and provisions to add more teeth.

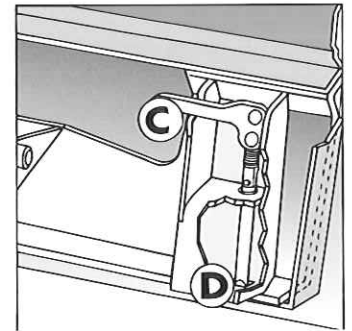
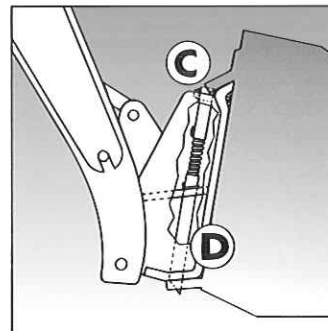
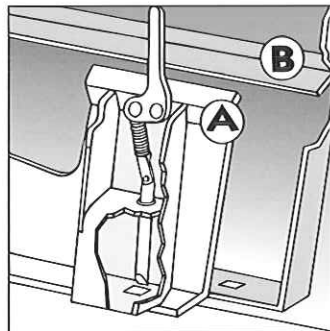
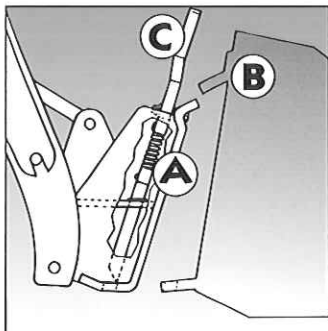
**Grapple can be mounted to utility fork...**



**...and low-profile or construction/industrial buckets.**



## THE EXCLUSIVE BOB-TACH™ SYSTEM:



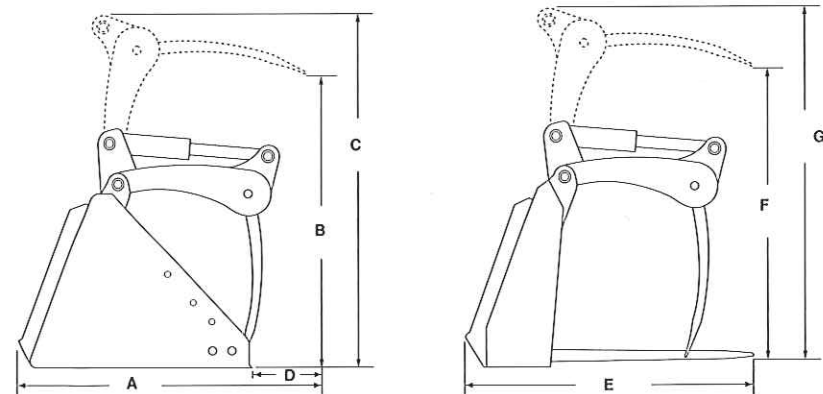
Your versatile Bobcat quickly turns into a multi-job machine with a tight-fit attachment hook-up...from bucket to grapple to pallet fork to backhoe...and a variety of other attachments. Left to right, Bob-Tach frame (A) moves into attachment flange (B).

Handles (C) push down easily, pressing wedges (D) through frame and attachment for solid Bob-Tach connection. You're then firmly, securely attached, top and bottom. Go to work...loading, lifting, dumping!

# SPECIFICATIONS

## Farm Chores Made Easy.

### Bucket Grapple and Fork Grapple



### Move hard-to-handle materials easily with:

- Bobcat utility fork
- Combination of utility fork and farm grapple
- Combination of grapple and low-profile or construction/industrial bucket

The hydraulically-controlled grapple is easy to operate, and the exclusive Bob-Tach™ mounting system lets you change to another attachment quickly.

GRAPPLE	WIDTH	STANDARD NUMBER OF TEETH	MAX NUMBER OF TEETH	A	B	C	D	E	F	G
32 in.	35 in. (889 mm)	3	5	35.6 in. (905 mm)	33.6 in. (854 mm)	41.7 in. (1060 mm)	7.5 in. (191 mm)	35.5 in. (902 mm)	34.4 in. (874 mm)	42.5 in. (1080 mm)
55 in.	58 in. (1474 mm)	4	8	35.6 in. (905 mm)	39.0 in. (991 mm)	45.5 in. (1156 mm)	2.0 in. (51 mm)	35.5 in. (902 mm)	39.6 in. (1006 mm)	46 in. (1196 mm)

•The grapple or clamping portion can be bolted to both the utility fork and low-profile or C/I buckets.

FORK	STANDARD NO. OF TEETH	SPACING BETWEEN STD NO. OF TEETH	MAX NO. TEETH	SPACING BETWEEN MAX NO. TEETH	FORK & GRAPPLE WEIGHT	OVERALL WIDTH	APPROVED LOADER
36 in.	5	7.0 in.	9	2.9 in.	356 lb. (162 kg)	35.6 in. (905 mm)	MT50, MT52, 463
48 in.	6	7.0 in.	11	2.9 in.	408 lb. (185 kg)	48.3 in. (1227 mm)	463, 553
54 in.	7	7.0 in.	13	2.9 in.	437 lb. (199 kg)	53.9 in. (1370 mm)	463, 553, 753, S130
60 in.	8	7.0 in.	15	2.9 in.	520 lb. (236 kg)	59.9 in. (1522 mm)	753, 763, S130, S150, S160, 773, S175, S185
66 in.	9	7.0 in.	17	2.9 in.	560 lb. (254 kg)	66.5 in. (1690 mm)	753, 763, S130, S150, S160, 773, S175, S185, T180, T190, T200
72 in.	10	7.0 in.	19	2.9 in.	600 lb. (273 kg)	72.5 in. (1842 mm)	763, S150, S160, 773, S175, S185, 863, 873, S250, A220, T180, T190, T200

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.

*The Bobcat Attachments Advantage:*  
Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.

**Bobcat Fork and Grapple or Bucket and Grapple Attachments fit these carrier models:**

**Mini Track Loaders:**  
MT50  
MT52

**Skid-Steer Loaders:**  
463  
553  
753  
763  
S130  
S150  
S160  
773  
S175  
S185  
863  
873  
883  
S250  
S300

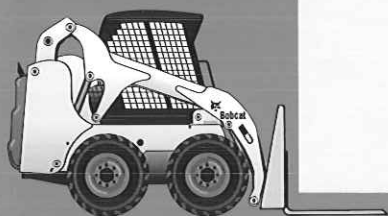
**Compact Track Loaders:**  
T180  
T190  
T200

**All-Wheel Steer Loaders:**  
A220  
A300

**Utility Work Machine:**  
5600







**Bobcat.**

*of Advantage Valley*



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**SALES • SERVICE • RENTAL**

Cross Lanes, WV 25356-0555

304-776-9100 • 1-866-426-2228

# PALLET FORK

## *attachment*



Hydraulic Fork Positioning Available

***One Tough Animal***

# SPECIFICATIONS

## Industrial. Farm. Landscaping.

**STANDARD PALLET FORK (with 48 in. teeth)**

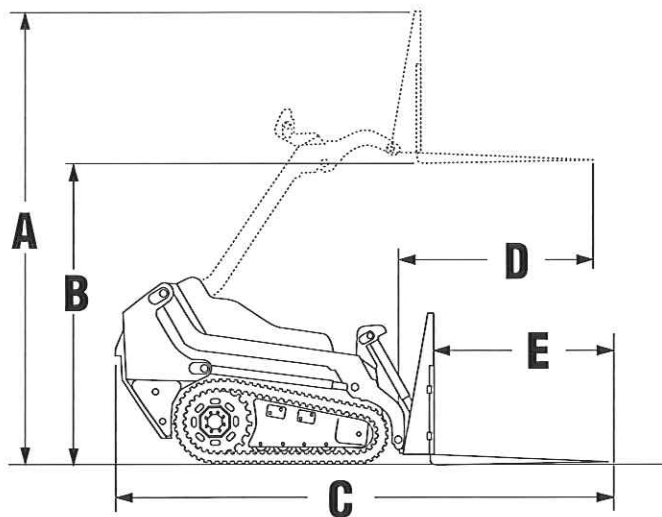
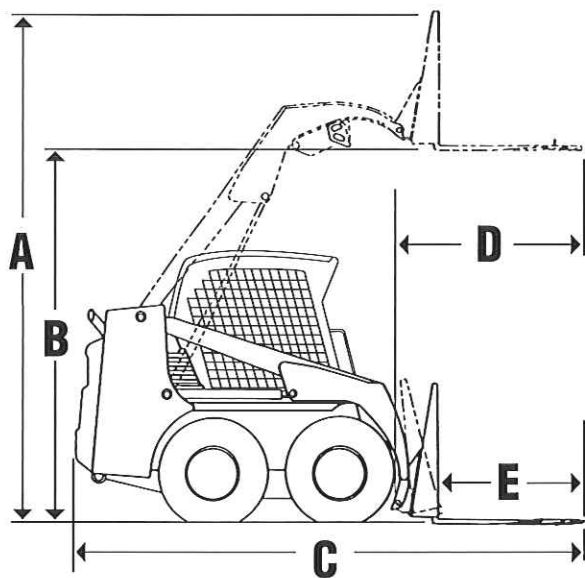
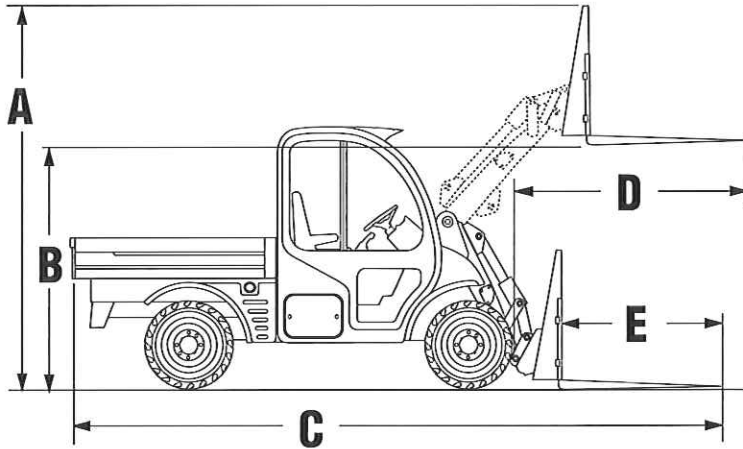
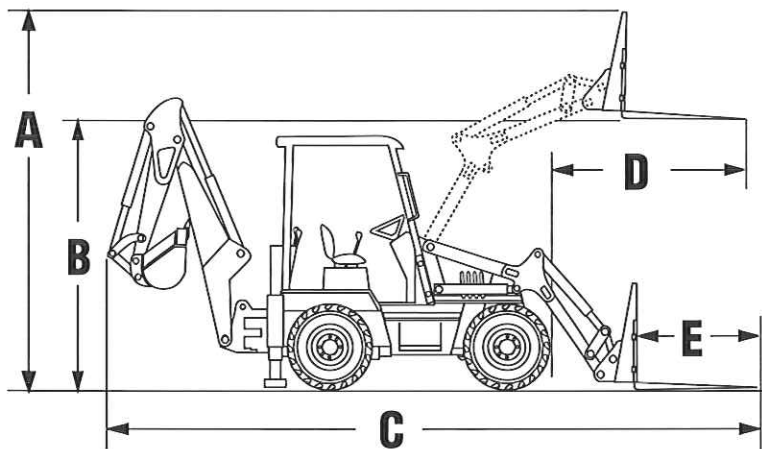
Loader Size	A	B	C	D	E
<b>553</b>	137 in.	98 in.	142 in.	55 in.	48 in.
<b>753</b>	142 in.	103 in.	150 in.	—	48 in.
<b>763</b>	148 in.	109 in.	158 in.	57 in.	48 in.
<b>S150/S160</b>	151 in.	113 in.	156 in.	57 in.	48 in.
<b>773/S175/S185</b>	151 in.	113 in.	156 in.	67 in.	48 in.
<b>863</b>	155 in.	116 in.	158 in.	62 in.	48 in.
<b>S220</b>	156 in.	116 in.	169 in.	62 in.	48 in.
<b>S250</b>	156 in.	121 in.	169 in.	70 in.	48 in.
<b>873</b>	157 in.	119 in.	157 in.	66 in.	48 in.
<b>S300</b>	158 in.	121 in.	169 in.	70 in.	48 in.
<b>A220</b>	159 in.	116 in.	158 in.	62 in.	48 in.
<b>T190</b>	151 in.	113 in.	158 in.	68 in.	48 in.
<b>B100</b>	125 in.	86 in.	232 in.	86 in.	48 in.
<b>B200</b>	132 in.	93 in.	248 in.	78 in.	48 in.
<b>B250</b>	137 in.	97 in.	257 in.	78 in.	48 in.
<b>5600</b>	117 in.	77 in.	202 in.	79.5 in.	48 in.

**SMALL PALLET FORK (with 36 in. teeth)**

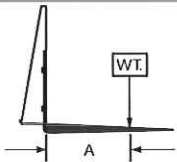
Loader Size	A	B	C	D	E
<b>MT50</b>	104 in.	70 in.	112 in.	48 in.	36 in.
<b>463</b>	124 in.	90 in.	120 in.	40 in.	36 in.

**HEAVY DUTY PALLET FORK (with 48 in. teeth)**

Loader Size	A	B	C	D	E
<b>863</b>	165 in.	116 in.	164 in.	63 in.	48 in.
<b>S220</b>	167 in.	117 in.	172 in.	62 in.	48 in.
<b>S250</b>	171 in.	121 in.	172 in.	70 in.	48 in.
<b>873</b>	169 in.	119 in.	169 in.	72 in.	48 in.
<b>883</b>	169 in.	119 in.	169 in.	72 in.	48 in.
<b>S300</b>	171 in.	121 in.	172 in.	70 in.	48 in.
<b>963</b>	172 in.	123 in.	179 in.	66 in.	48 in.
<b>A220</b>	165 in.	116 in.	164 in.	63 in.	48 in.
<b>A300</b>	171 in.	121 in.	172 in.	65 in.	48 in.
<b>T200</b>	165 in.	116 in.	164 in.	65 in.	48 in.
<b>T250</b>	168 in.	118 in.	172 in.	63 in.	48 in.
<b>T300</b>	171 in.	121 in.	172 in.	70 in.	48 in.
<b>B300</b>	155 in.	102 in.	260 in.	74 in.	48 in.

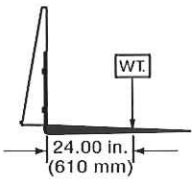


### PALLET FORK RATINGS (SMALL)



Dimension "A" Inches (mm)	Loader Rated Operating Capacity	lb.	Kg
15.75 (400)	500 lb.	262	119
24.00 (610)		224	102
15.75 (400)	700 lb.	440	200
24.00 (610)		380	172

### PALLET FORK RATINGS (STANDARD)

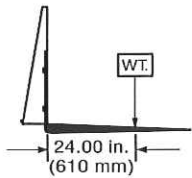


Loader Rated Operating Capacity	lb.	Kg
950 lb.	420	191
1200 lb.	675	307
1300 lb.	775	352
1500 lb.	960	436
1700 lb.	1125	511
1900 lb.	1290	586
2100 lb.	1400	636
2300 lb.	1500	682
2500 lb.	1580	718

### PALLET FORK SPECIFICATIONS

Frame	Frame Width	Frame Height	Frame Weight	Tooth Lengths	Tooth Wt. (set of 2)	Total Weight
Small	37 in.	34.5 in.	105 lb.	30 in. 36 in.	130 lb. 147 lb.	235 lb. 252 lb.
Standard	46 in.	39 in.	200 lb.	30 in. 36 in. 42 in. 48 in.	130 lb. 147 lb. 164 lb. 181 lb.	330 lb. 347 lb. 364 lb. 381 lb.
Heavy Duty	60 in.	49 in.	470 lb.	42 in. 48 in.	214 lb. 238 lb.	684 lb. 708 lb.

### PALLET FORK RATINGS (HEAVY DUTY)



Loader Rated Operating Capacity	Standard lb. Kg	With Weight Kit lb. Kg
1900 lb.	1095 (585)	1140 (600)
2000 lb.	1170 (576)	—
2200 lb.	1250 (645)	—
2400 lb.	1360 (695)	1425 (765)
2750 lb.	1810 (939)	1939 (1005)
3000 lb.	1890 (970)	2288 (1138)



Fork Width Adjustment Knob  
(non-hydraulic forks only)

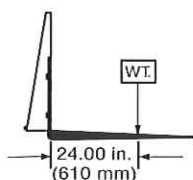




# SPECIFICATIONS

## Save time with the Hydraulic Pallet Fork

### HYDRAULIC PALLET FORK RATINGS



Loader Rated Operating Capacity		
900 lb.	360 lb.	(160 Kg.)
1300 lb.	550 lb.	(250 Kg.)
1500 lb.	655 lb.	(295 Kg.)
1700 lb.	845 lb.	(380 Kg.)
1900 lb.	990 lb.	(450 Kg.)
2100 lb.	1050 lb.	(475 Kg.)
2300 lb.	1150 lb.	(520 Kg.)
2500 lb.	1250 lb.	(565 Kg.)
2700 lb.	1350 lb.	(610 Kg.)
3000 lb.	1680 lb.	(760 Kg.)

### HYDRAULIC PALLET FORK SPECIFICATIONS

Frame	Frame Width	Frame Height	Frame Weight	Tooth Lengths	Tooth Wt. (set of 2)	Total Weight
Hydraulic	48 in.	39 in.	383 lb.	42 in. 48 in.	164 lb. 181 lb.	547 lb. 564 lb.

- Adjust fork spacing with fingertip controls inside the cab
- Two hydraulic cylinders adjust outside spacing width from 40.25 in. to 12 in.
- Two sizes of forks to choose from: 42 in. and 48 in.



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.

*The Bobcat Attachments Advantage: Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.*

Bobcat Pallet Fork Attachment fits these carrier models:

Mini Loaders:  
MT50

Skid-Steer Loaders:  
463  
553  
753  
763  
S150  
S160  
773  
S175  
S185  
S220  
S250  
S300  
863  
873  
883  
963

Compact Track Loaders:  
T190  
T200  
T250  
T300

All-Wheel Steer Loaders:  
A220  
A300

Loader Backhoes:  
B100  
B100T  
B200  
B250  
B300

Utility Work Machine:  
5600

Bobcat Hydraulic Pallet Fork Attachment fits these carrier models:

Skid-Steer Loaders:  
753  
763  
773  
S150  
S160  
S175  
S185  
S220  
S250  
S300

Compact Track Loaders:  
T190  
T200  
T250  
T300

All-Wheel Steer Loaders:  
A220  
A300



B-1378

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P.O. Box 6000 • West Fargo, ND 58078  
www.bobcat.com

Printed in U.S.A.

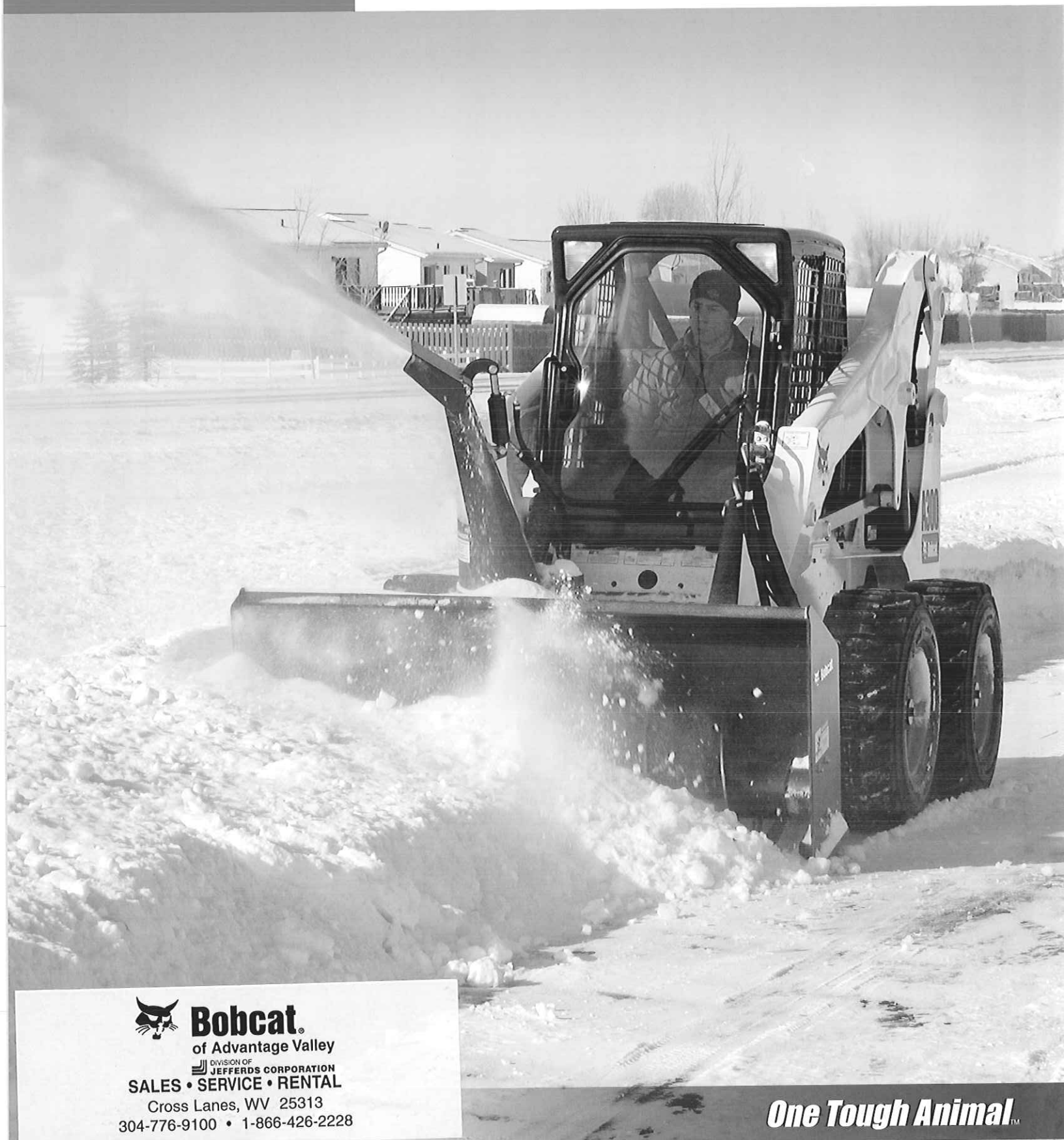
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**Bobcat®**

## Snowblower Attachment



**Bobcat®**

of Advantage Valley

DIVISION OF  
**JEFFERDS CORPORATION**

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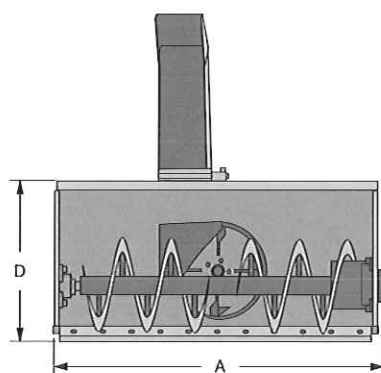
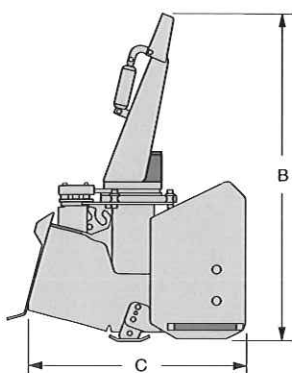
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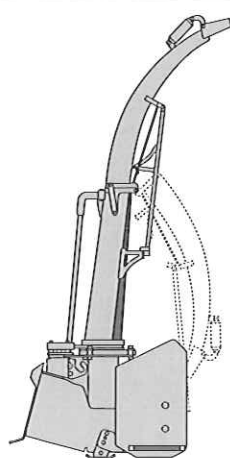
***One Tough Animal™***

# Bobcat® Snowblower Attachment Specifications

Model	SB150 x 36	SB150 x 48	SB200 x 54	SB200 x 60	SB200 x 66	SB200 x 72	SB200 x 78	SB240 x 72	SB240 x 84	SBX240 x 72	SBX240 x 84
A - Width	39.4 in. (1000 mm)	51.4 in. (1306 mm)	56.5 in. (1435 mm)	62.5 in. (1587 mm)	68.5 in. (1740 mm)	74.5 in. (1892 mm)	80.5 in. (2045 mm)	74.5 in. (1892 mm)	86.5 in. (2197 mm)	74.5 in. (1892 mm)	86.5 in. (2197 mm)
B - Height	50.4 in. (1280 mm)	50.4 in. (1280 mm)	61.0 in. (1549 mm)	61.0 in. (1549 mm)	61.0 in. (1549 mm)	61.0 in. (1549 mm)	61.0 in. (1549 mm)	65.5 in. (1664 mm)	65.5 in. (1664 mm)	65.4 in. (1662 mm)	65.4 in. (1662 mm)
C - Length	37.0 in. (940 mm)	37.0 in. (940 mm)	38.5 in. (977.9 mm)	38.5 in. (978 mm)	38.5 in. (978 mm)	38.5 in. (978 mm)	38.5 in. (978 mm)	43.3 in. (1099 mm)	43.3 in. (1099 mm)	44.4 in. (1128 mm)	44.4 in. (1128 mm)
D - Intake	23.0 in. (584 mm)	23.0 in. (584 mm)	25.0 in. (635 mm)	25.0 in. (635 mm)	25.0 in. (635 mm)	25.0 in. (635 mm)	25.0 in. (635 mm)	34.5 in. (876 mm)	34.5 in. (876 mm)	33.5 in. (851 mm)	33.5 in. (851 mm)
Operating Weight	428 lb. (194 kg)	465 lb. (211 kg)	751 lb. (340.6 kg)	785 lb. (356 kg)	810 lb. (367 kg)	835 lb. (379 kg)	860 lb. (390 kg)	1010 lb. (458 kg)	1070 lb. (485 kg)	1045 lb. (474 kg)	1105 lb. (501 kg)
Fan Diameter	15.0 in. (381 mm)	15.0 in. (381 mm)	20.0 in. (508 mm)	20.0 in. (508 mm)	20.0 in. (508 mm)	20.0 in. (508 mm)	20.0 in. (508 mm)	24.0 in. (610 mm)	24.0 in. (610 mm)	24.0 in. (610 mm)	24.0 in. (610 mm)
Auger Diameter	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	14.0 in. (356 mm)	18.0 in. (457 mm)	18.0 in. (457 mm)	18.5 in. (470 mm)	18.5 in. (470 mm)
Chute Rotation	276°	276°	270°	270°	270°	270°	270°	270°	270°	270°	270°
Deflector Control	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Throw Distance	Up to 25 ft. (7.6 m)	Up to 25 ft. (7.6 m)	Up to 40 ft. (12.2 m)	Up to 40 ft. (12.2 m)	Up to 40 ft. (12.2 m)	Up to 40 ft. (12.2 m)	Up to 40 ft. (12.2 m)	Up to 40 ft. (12.2 m)	Up to 40 ft. (12.2 m)	Up to 45 ft. (13.7 m)	Up to 45 ft. (13.7 m)
Cutting Edge	375 x 30 in. (9 x 76 mm)	375 x 30 in. (9 x 76 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)	5 x 4.0 in. (13 x 102 mm)



## Snowblower with Truck Loading Chute



Snowblower and truck loading chute have a combined height of 135 inches. Chute folds to 87 inches for storage and transport.

## Bobcat snowblowers blow the others away!

Keep your Bobcat loader busy this winter...cleaning sidewalks, driveways and parking lots with a Bobcat hydraulic-drive rotary snowblower!

Using direct-drive hydraulic motors for the fan and auger, Bobcat snowblowers eliminate the need for high-wear items such as gearboxes, chains, sprockets and shear pins.

Chute rotation is achieved by a chain and sprocket system, eliminating loose, tangled and frozen cables.

The fan opening is adjustable, allowing the operator to control the amount of air and snow entering the efficient 6-inch deep fan.

- Special discharge-chute design helps prevent plugging
- Replaceable bolt-on cutting edges

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.

*The Bobcat Attachments Advantage: Bobcat attachments are engineered and manufactured to fit Bobcat loaders for optimum job performance, dependability and durability.*

Bobcat Snowblower Attachments fit these carrier models:

Mini Track Loaders:  
MT52  
MT55

Skid-Steer Loaders:

S70  
S100  
S130  
S150  
S160  
S175  
S185  
S205  
S220  
S250  
S300  
S330

Compact Track Loaders:

T140  
T180  
T190  
T250  
T300  
T320

All-Wheel Steer Loaders:  
A300

Utility Work Machine:  
5600  
5600T

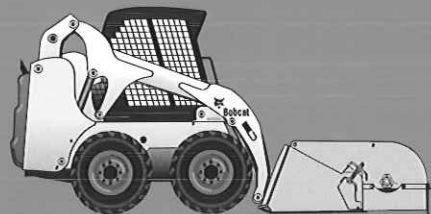
Telescopic Tool Carriers:  
V417

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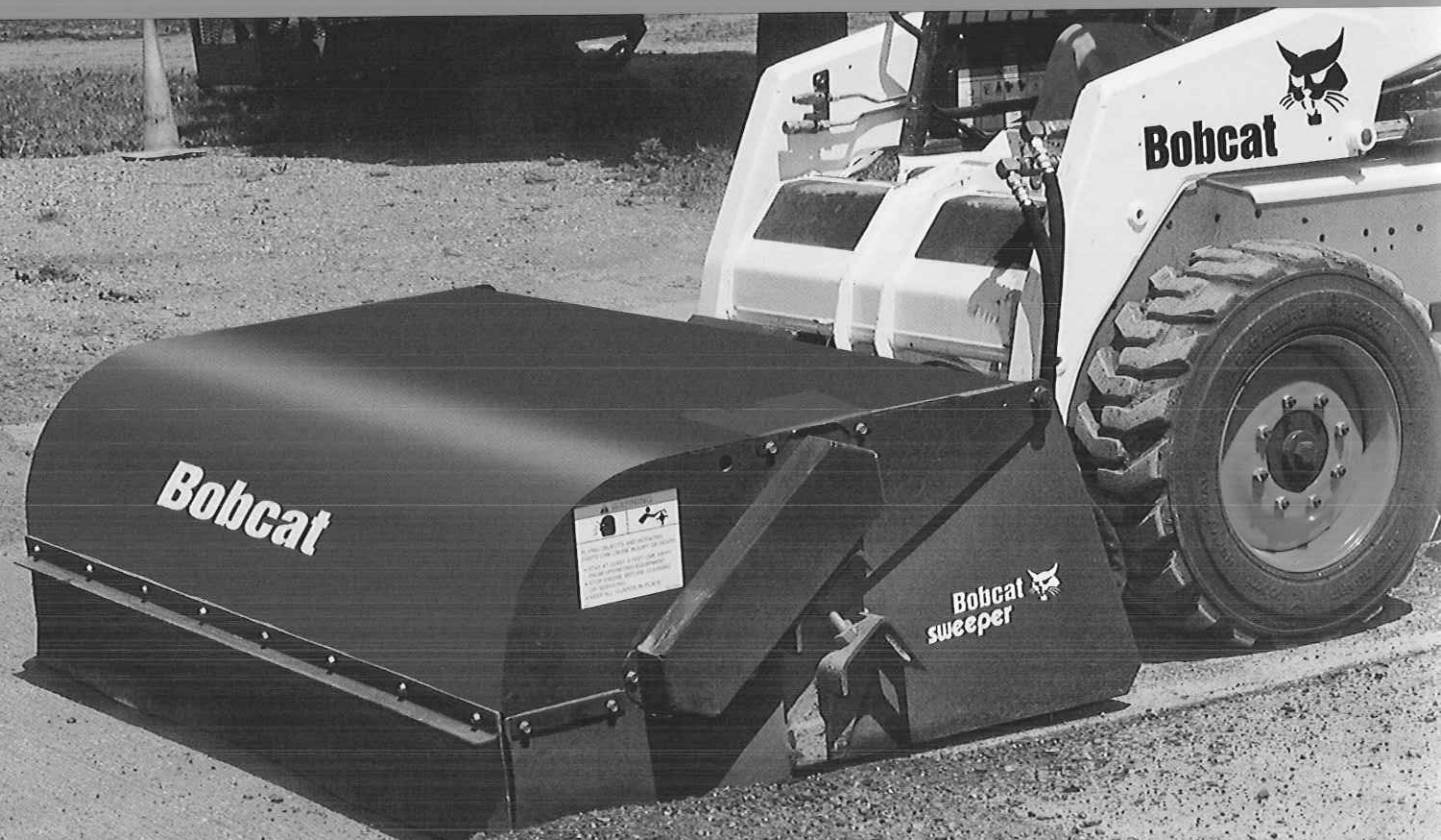
**Bobcat®**





# SWEEPER

*attachments*



**Bobcat.**

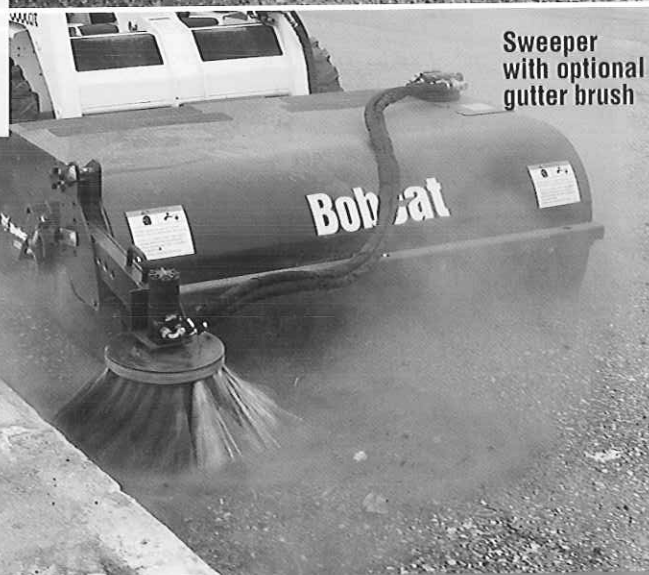
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Cross Lanes, WV 25356-0555

304-776-9100 • 1-866-426-2228



Sweeper  
with optional  
gutter brush

***One Tough Animal***

# SPECIFICATIONS

## Clean Up In Both Directions.



Specifications	44"	54"	60"	72"
Sweep Width	44 in. (1118 mm)	54 in. (1372 mm)	60 in. (1524 mm)	72 in. (1829 mm)
Overall Attachment Width	48.8 in. (1240 mm)	60.2 in. (1529 mm)	66.2 in. (1681 mm)	78.2 in. (1986 mm)
Weight	573 lb. (260 kg)	696 lb. (316 kg)	758 lb. (344 kg)	845 lb. (383 kg)
Bucket Capacity	6.1 cu. ft. (0.18 cu. m.)	10.8 cu. ft. (0.31 cu. m.)	12.0 cu. ft. (0.34 cu. m.)	14.4 cu. ft. (0.41 cu. m.)
Broom Diameter	21.4" (544 mm)			
Bristle Material	Replaceable polypropylene sections (steel sections available)			
Cutting Edge	Replaceable steel			
Broom RPM @ 10 GPM	168	145		



**Optional Gutter Brush**

### Dimensions

Gutter brush diameter: 24"  
Reach ahead of sweeper: 26"  
Reach to the side of sweeper: 14"  
Height from ground in sweeping position: 22"  
Height from ground in storage position: 51"

Only one gutter brush can be installed per sweeper.  
Gutter brush not approved for 463 and 553.

Clean hard-to-reach areas — curbs, drainage depressions, alongside buildings — with the optional Bobcat gutter brush attachment. It widens the sweeper's total width by one foot, to let you cover more area per pass. Large, metal bristles produce excellent cleaning action. When not in use, the gutter brush can be raised and stored vertically. The gutter brush may be installed on either side of the sweeper.

### Clean Up in Forward or Reverse!

Now you can sweep, collect and dump dirt and other debris with just one attachment. Ideal for construction, industrial or municipal jobs, the Bobcat sweeper is easy to attach and simple to operate going either forward or reverse.

The hydraulically-driven attachment's reversible cutting edge helps cut loose caked-on mud. The sweeper's polypropylene bristles deposit dirt and other debris in the bucket, which can be dumped when full.\* You can also use the sweeper to spread material evenly across a site.

The Bobcat sweeper is perfect to clean parking lots, sidewalks, docks, warehouses, and more. There are four sizes to fit a variety of Bobcat loader models.

\*Lift restrictions may apply.

APPROVED AND NON-APPROVED LOADER-SWEEPER COMBINATIONS				
APPROVED		**APPROVED WITH LIFT RESTRICTIONS		NON-APPROVED
SWEEPER WIDTH				
BOBCAT MODEL	44 INCH	54 INCH	60 INCH	72 INCH
* 463				
553		**LIFT RESTRICTION		
753, S130			**LIFT RESTRICTION	
763, S150, S160, 773, S175, S185, T180, T190				**LIFT RESTRICTION
863, 873, 883, S220, S250, S300, 963, A220, A300, T200, T300				

\*\*Lift restriction requires that loaded sweeper not be lifted more than 3 feet (1 m.). Tipping can result.

\*Sweeper attaches to 44 in. utility bucket.

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**Bobcat  
Sweeper  
Attachment  
fits these  
carrier  
models:**

**Skid-Steer  
Loaders:**

463  
553  
753  
763  
S130  
S150  
S160  
773  
S175  
S185  
863  
873  
883  
S220  
S250  
S300  
963

**Compact  
Track Loaders:**

T180  
T190  
T200

**All-Wheel  
Steer Loaders:**

A220  
A300