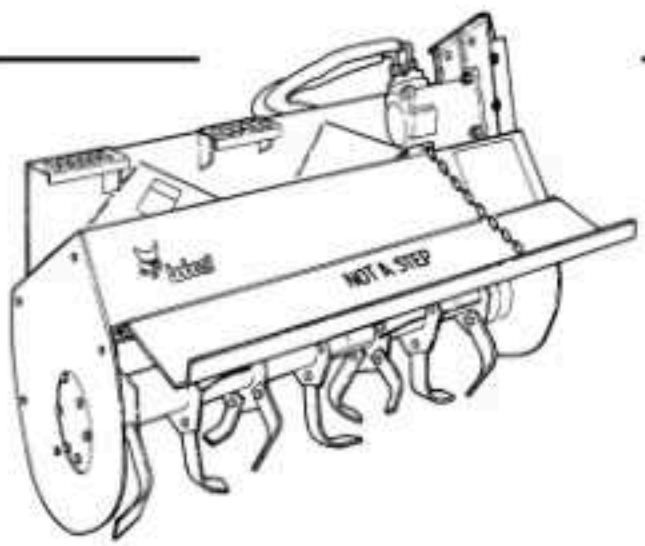
Tiller

52 Inch
68 Inch

Bobcat®

Operation & Maintenance Manual

(52 In.) S/N 280100101 & Above
(68 In.) S/N 054700101 & Above



An Ingersoll Rand business

6722851 (6-00) Revised (12-03) (3)

Printed in U.S.A.

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REFERENCE INFORMATION

Write the correct information for YOUR Tiller Attachment in the spaces below. Always use these numbers when referring to your Tiller.

Tiller Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
J. Huysmanslaan 59
B-1651 LOT
Belgium

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FOREWORD

This Operation & Maintenance Manual was written to give the owner/operator instructions on the safe operation and maintenance of the Tiller. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR Tiller. If you have any questions, see your Bobcat dealer.

ATTACHMENT DELIVERY REPORT VII

IDENTIFICATION AND MACHINE SIGNS (DECALS) VIII

SERIAL NUMBER LOCATION VII

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USE SAFETY RULES

- Check that the Bob-Tach levers are in the locked position and the wedges are fully engaged into the holes of the attachment.
- Make sure all the controls (steering levers, foot pedals, mechanical and Advanced Hand Controls) are in the NEUTRAL position before starting the Bobcat loader.
- Keep your feet on the pedals (or foot rests), seat belt fastened snugly and seat bar lowered when operating the Bobcat loader and attachment.
- Keep arms and legs inside operator area, fasten seat belt snugly and lower operator arm rest when operating the Bobcat Work Machine and attachment.
- When learning to operate the attachment, do it at a slow rate in an area clear of bystanders.
- DO NOT permit personnel to be in the work area when operating the Bobcat loader and attachment.
- Before leaving the Loader operator's seat, always lower the lift arms fully, engage the brake, stop the engine, raise the seat bar and move the foot pedals and mechanical hand controls (if equipped) until both are locked.
- Before leaving the Work Machine operator's seat, always lower the lift arm, put the attachment flat on the ground, raise the arm rest, stop the engine and put the Travel Direction Control Lever in PARK.
- DO NOT make any adjustments or repairs on the Bobcat loader or attachment while the engine is running.
- Check for underground lines before digging.
- Wear safety approved eye protection.
- Do not modify equipment or add attachments that are not approved by the manufacturer.
- The attachment must be used ONLY on machines with correct load capacity.
- Operate the Tiller only from the operator's seat.
- Never operate the Tiller in a lifted position. Work only on the surface that the machine is standing on.



Call Before You Dig
1-888-258-0808

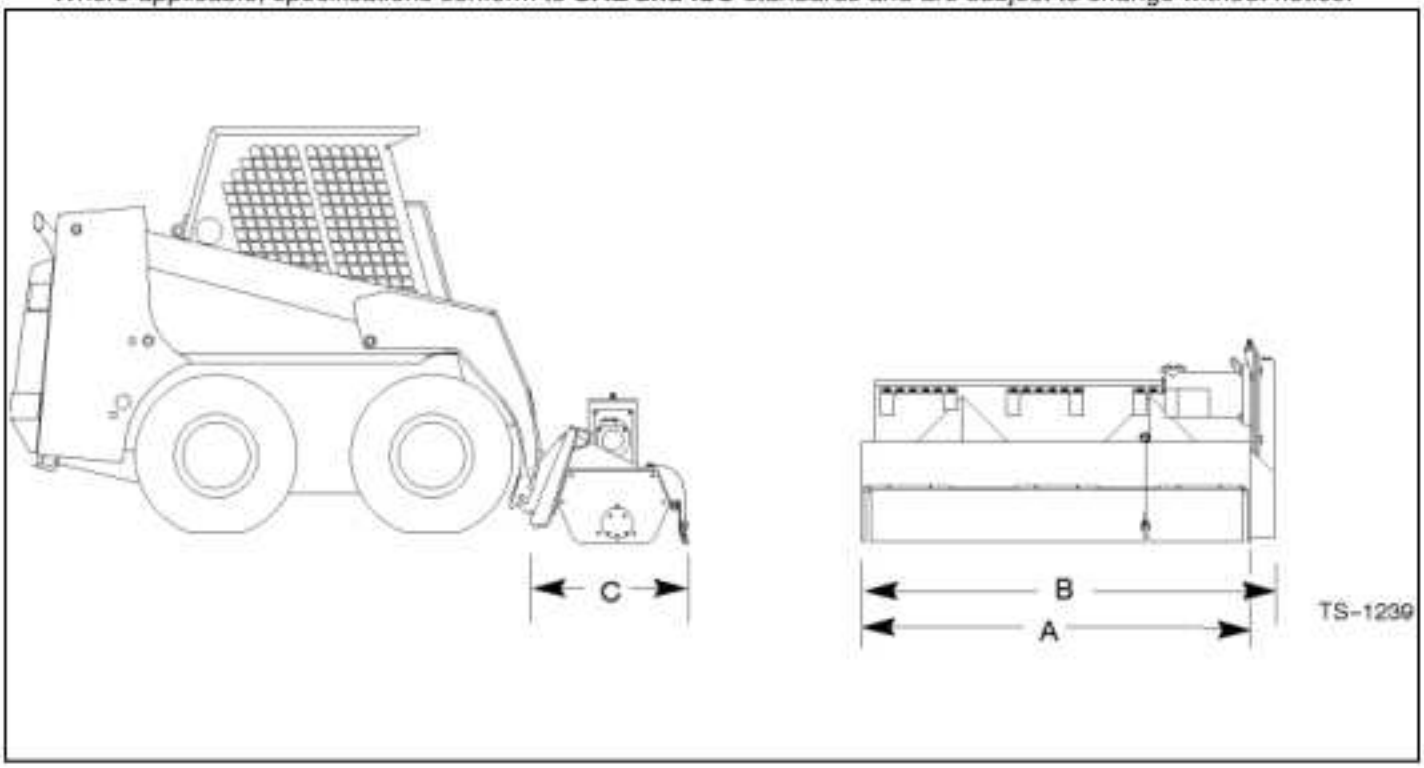
When you call, you will directed to a location in your state/city for information about buried lines (telephone, cable TV, water, sewer, gas, etc.).

SIA39-1199

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SPECIFICATIONS

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	52 INCH	68 INCH
Working Width (A)	52 In. (1321 mm)	68 In. (1727 mm)
Working Depth (Max.)	6 In. (152 mm)	6 In. (152 mm)
Over-All Width (B)	60 In. (1524 mm)	76 In. (1930 mm)
Over -All Length (C)	29 In. (737 mm)	29 In. (737 mm)
Tines	28 - Hardened, Replaceable	36 - Hardened, Replaceable
Tine Rotation	Bi-Rotational	Bi-Rotational
Drive	Oil Bath Chain Drive - Hydraulic Motor	Oil Bath Chain Drive - Hydraulic Motor
Operation	Machine Going Forward/Backward	Machine Going Forward/Backward
Weight	660 Lbs. (300 kg)	765 Lbs. (347 kg)
Hydraulic Motor Displacement	23.9 Cu. In. (392 cm3)	23.9 Cu. In. (392 cm3)
Sprocket Size - Drive	11 Tooth	11 Tooth
Driven	15 Tooth	15 Tooth
NOTE: Tiller is offset to the right side to cover wheel track when tilling backwards.		

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SAFETY INSTRUCTIONS

SAFE OPERATION IS THE OPERATOR'S RESPONSIBILITY

Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

W-2001-0596

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

I-2019-0284

WARNING

Warnings on the machine and in the manuals are for your safety. Failure to obey warnings can cause injury or death.

W-2044-1285

Carefully follow the operating and maintenance instructions in this manual.

The Bobcat product and attachment must be in good operating condition before use.

Check all of the items on the Bobcat Service Schedule Decal under the 8-10 hour column or as shown in the Operation & Maintenance Manual.

SAFE OPERATION NEEDS A QUALIFIED OPERATOR

For an operator to be qualified, he must not use drugs or alcoholic drinks which impair his alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he can safely operate a machine.

A qualified operator must do the following:

Understand the Written Instructions, Rules and Regulations

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, Operator's Handbook, Safety Manual and machine signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.

Have Training with Actual Operation

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders and use all the controls until he can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.
- Loader Operator Training Courses are available from your Bobcat dealer in English and Spanish. They provide information for safe and efficient equipment operation. Safety videos are also available.
- Service Safety Training Courses are available from your Bobcat dealer. They provide information for safe and correct service procedures.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the Rated Operating Capacity of the machine. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he needs to know about excessive slopes.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, hearing protection or special applications kit are required for some work. See your dealer about Bobcat Safety equipment.

SIA30-0502

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