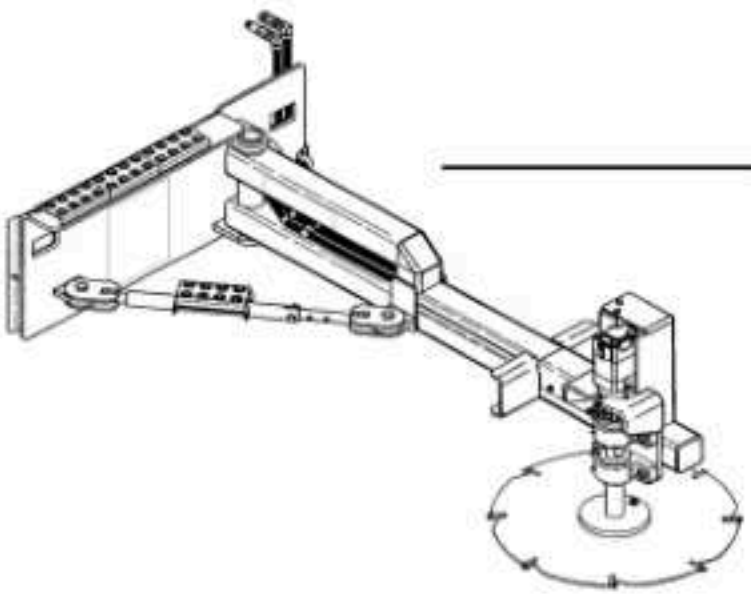
John W. Brown Mfg., Inc.

Brush Saw

Operation, Maintenance & Parts Manual

S/N 005500101 & Above



Bobcat ATTACHMENT

6682219 (9-03) Revised (4-04) (2)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

_____

_____

_____

YOUR BRUSH SAW DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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TROUBLESHOOTING

If the attachment is not working correctly, check the hydraulic system of the Loader thoroughly before making any repairs on the attachment. Attachment problems can be affected by a hydraulic system that is not operating to specifications or such problems as a plugged fuel filter or hydraulic filter in the Loader. Connect a flow meter to the Loader to check the hydraulic pump output, relief valve setting and tubelines to check flow and pressure. (See the Loader Service Manual for the correct procedure to connect the flow meter.)

⚠ WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

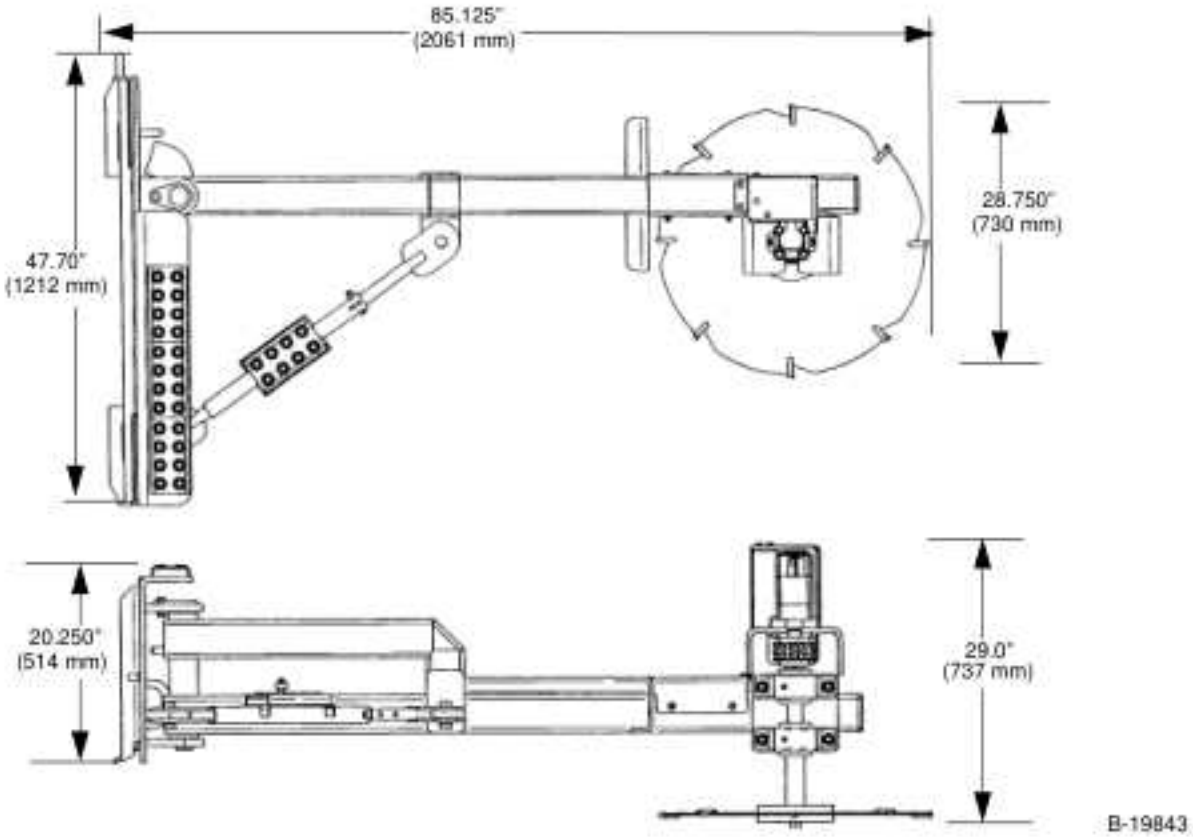
W-2003-0199

PROBLEM	CAUSE	CORRECTION
Poor cutting.	Travel speed too fast.	Reduce travel speed.
	Damaged motor	Repair or replace motor.
	Low disc RPM.	Check auxiliary flow and pressure.
	Worn, damaged or missing cutting teeth.	Replace cutting teeth.
Disc will not rotate.	Loader fluid level too low.	Add hydraulic fluid to the fluid reservoir on the loader.
	Damaged quick couplers.	Replace quick couplers.
	Damaged hydraulic hoses.	Repair or replace hoses.
	Loader main relief valve set too low.	Adjust main relief valve to correct setting.
Vibration.	Loose or cracked hardware.	Repair or replace as needed.
	Disc worn or broken.	Replace the disc.
	Disc spindle bent.	Replace spindle.

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SPECIFICATIONS

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



Width	47.70 inches (1212 mm)
Length	85.125 inches (2061 mm)
Height @ mount	20.250 inches (514 mm)
Height @ motor	29.0 inches (737 mm)
Weight	580 lbs. (263 Kg)
Spindle Type	Ball Bearing
Disc Diameter	28.750 inch (730 mm)
Flow Ranges	15-22 GPM (56,8-83,3 L/min)
Disc RPM @ 22 GPM (83 L/Min)	400 RPM
Tip Speed - Cutting Teeth @ 22 GPM (83L/Min)	3010 Ft/Min (917 m/Min)
Number of Cutting Teeth	8
Motor Displacement	11.9 in^3 / Rev

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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 running the machine. Untrained operators can cause injury or death.

W-2001-1285

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

The Bobcat machine 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 or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she 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 or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine load capacities. 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 or she needs to know about excessive slopes.
- Know the location of any underground lines. Call local utilities or the TOLL FREE phone number found in the *USE SAFETY RULES* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, hearing protection, Special Applications Kits or a Front Window Guard are required for some work. See your Bobcat dealer about Bobcat Safety equipment for your machine.

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