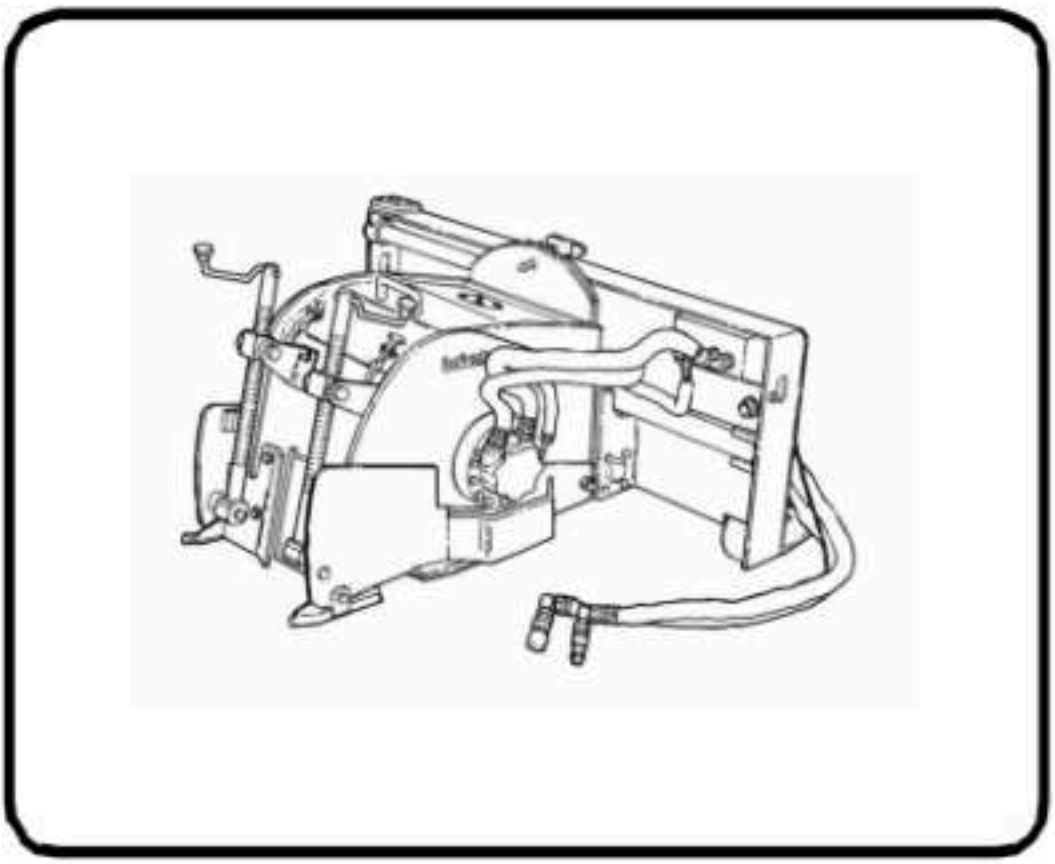
Bobcat®

Operation & Maintenance Manual
14 In. Planer

(14 Planer) S/N 231200101 & Above



6901034 (3-03) Revised (9-09) (3)

Printed in U.S.A.

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REFERENCE INFORMATION

Write the correct information for YOUR 14 In. Planer in the spaces below. Always use these numbers when referring to your 14 In. Planer.

14 In. Planer Serial Number _____

NOTES:

_____

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

Bobcat Company Europe
Drève Richelle 167
B-1410 WATERLOO
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 planer. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR PLANER. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

ATTACHMENT IDENTIFICATION 8

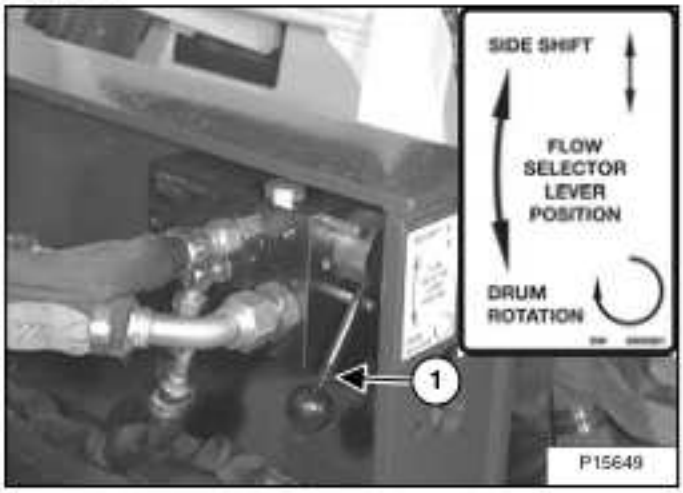
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Control Functions

Drum Rotation (with manual ski adjustment)

Figure 35



To engage the drum, move the valve lever (Item 1) **[Figure 35]** in the down (drum rotation) position.

Enter the machine. Fasten the seat belt, lower the seat bar and start the engine. Release the parking brake. (See Entering And Exiting The Loader on Page 25.)

Engage auxiliary hydraulics. (See the machine's Operation & Maintenance Manual and Operator's Handbook for correct procedure.)

NOTE: The auxiliary hydraulics must be activated prior to attachment operation.

Figure 36

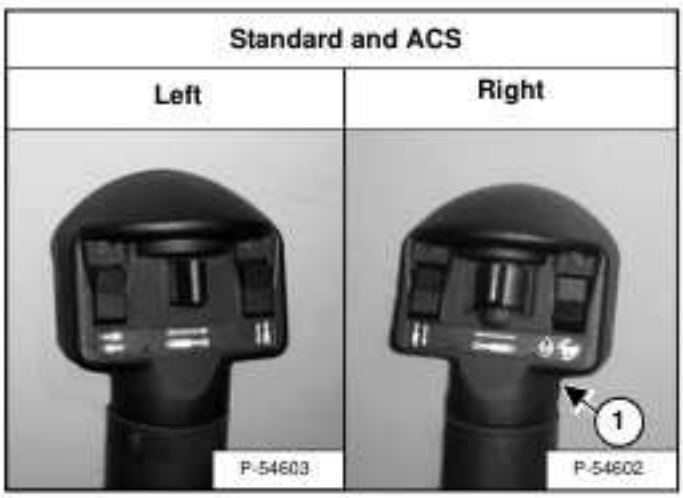
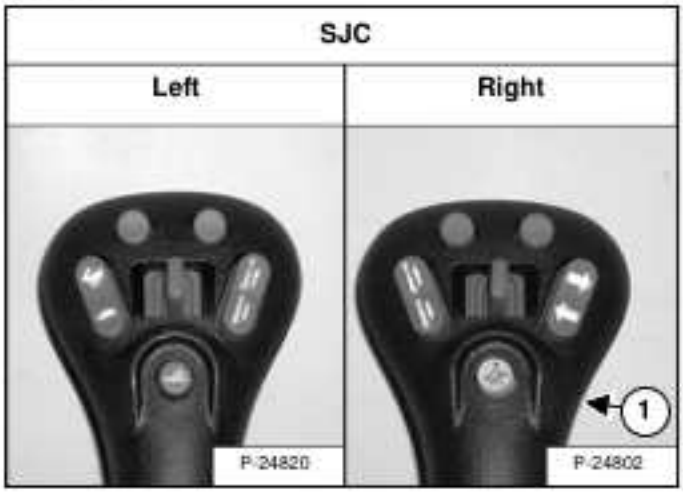


Figure 37



Press the front switch (Item 1) **[Figure 36]** or **[Figure 37]** on the right handle to engage the drum. Press the switch a second time and drum rotation will stop.

Stop the engine and exit the loader when changing the planer valve position.

IMPORTANT

If the high-flow switch is in the ON position, High-Flow Hydraulics will flow through the front auxiliary quick coupler. Damage to unapproved attachments can result. Leave the switch OFF for Standard Flow Planer operation.

I-2196-0200

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REGULAR MAINTENANCE ITEMS

Drum Carbide Bits Check

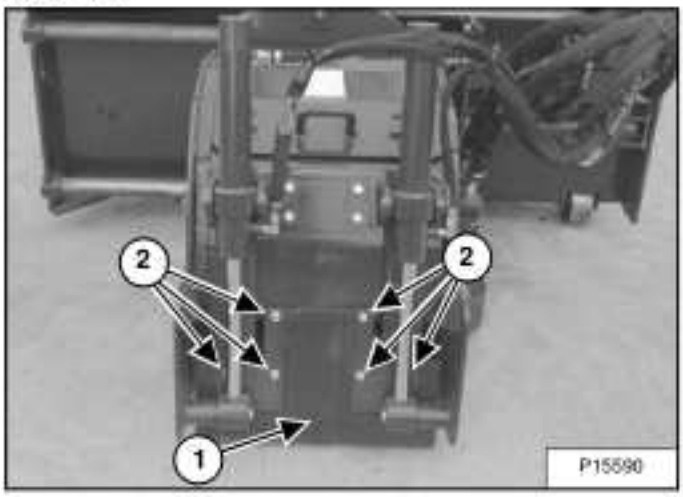
Check the bits every three hours of operation.

The bits must be free to rotate in their holders. If the bit will not rotate, uneven and rapid wear will result.

REMOVAL AND INSTALLATION

Rubber Skirt Replacement

Figure 71



Replace the rubber skirts (Item 1) **[Figure 71]** if worn or damaged.

Remove the ten mounting bolts (Item 2) **[Figure 71]** and nuts, from the skirt mounting brackets, there are four mounting bolts and four bushings which are located behind the rubber skirts.

Installation: Apply Loctite® 242 or equivalent. Tighten the mounting bolts to 25 ft.-lb. (34 N•m) torque.

Remove and replace the skirts (Item 1) **[Figure 71]**.

⚠ WARNING

AVOID INJURY OR DEATH

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Engine is running.**
- **Tools are being used.**

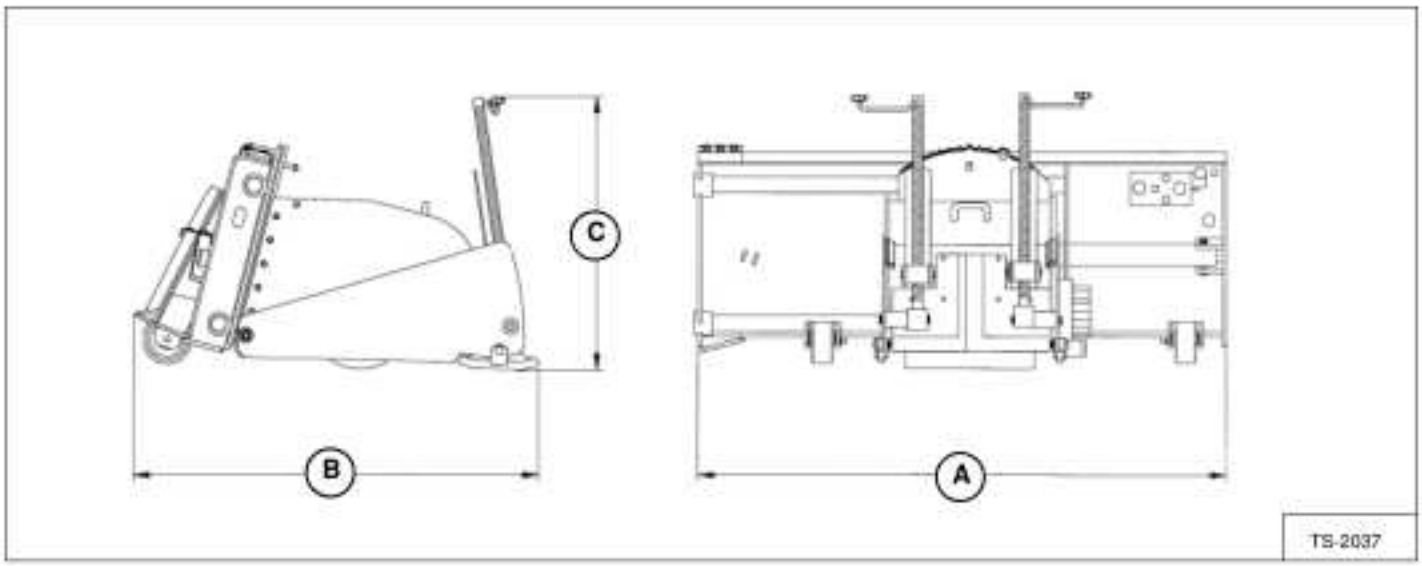
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(14 IN. PLANER) PLANER SPECIFICATIONS

Dimensions

- 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.



	14 IN. PLANER
Overall Width (A)	66.0 in. (1651 mm)
Overall Length (B)	50.3 in. (1278 mm)
Overall Height (C)	28.0 in. (711 mm)

Performance

DESCRIPTION	14 IN. PLANER
Attachment Weight (With Drum)	1520 lb. (689 kg)
Side Shift Cylinder Stroke	26.0 in. (660 mm)
Drum Cutting Angle	±15° Right ±1° Left
Cutting Depth	0 - 6.0 in. (0 - 152 mm)
Drum Diameter	17.75 in. (603 mm)

DRUM	NO. OF BITS	CUTTING WIDTH	CUTTING DEPTH	WEIGHT
14 in. All purpose	46	14.0 in. (356 mm)	0 - 6 in. (0 - 152 mm)	240 lb. (107 kg)
12 in. All purpose	40	12.0 in. (305 mm)	0 - 6 in. (0 - 152 mm)	245 lb. (111kg)
8 in. All purpose	34	8 in. (203 mm)	0 - 6 in. (0 - 152 mm)	172 lb. (78 kg)
6 in. All purpose	32	6.0 in. (153 mm)	0 - 6 in. (0 - 152 mm)	165 lb. (75 kg)
2-1/2 in. Slot cutting	21	2.5 in. (64 mm)	0 - 6 in. (0 - 152 mm)	90 lb. (41 kg)

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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-2001-0502

IMPORTANT

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

I-2019-0284

DANGER

The signal word DANGER on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.

D-1002-1107

WARNING

The signal word WARNING on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

W-2044-1107

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 and the attachment.

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 *Call Before You Dig* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment, 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.

SI ATT-0509

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