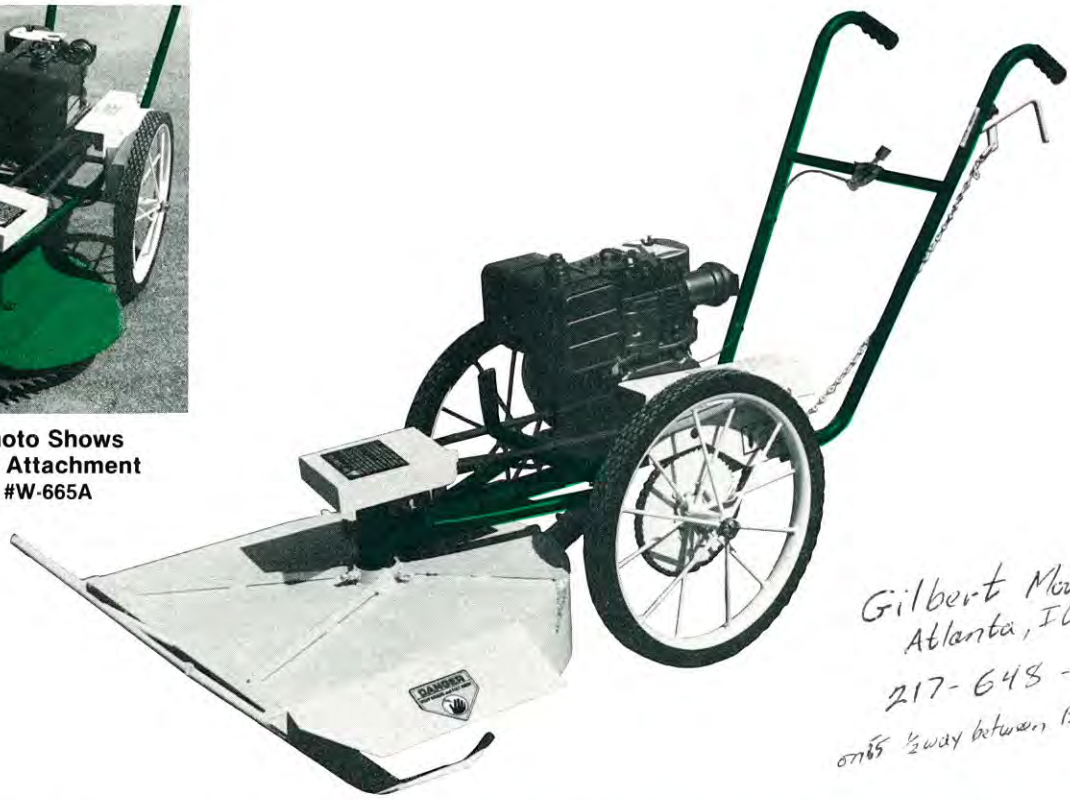
WHIPPER

PIONEER MANUFACTURERS OF QUALITY AG PRODUCTS
COMMERCIAL · AGRICULTURAL · INDUSTRIAL

Above Photo Shows
Saw Blade Attachment
Catalog #W-665A



Gilbert Mower Sales
Atlanta, IL
217-648-2641
on I55 ½ way between Bloomington & Springfield

Now there is a mower that is especially built to handle tall grasses and short weeds around farm buildings, orchards, vacant lots, cabins, nurseries, etc. And it is built by Bachtold Bros. at Forrest, Illinois—pioneer manufacturers of quality weed mowers. With over 40 years in the mower business—you can be assured of quality, dependability, and safety when you handle the Whipper. And speaking of handling, the Whipper is compact, light-weight, yet sturdy and well-balanced for ease of maneuverability especially in close areas.

Any alterations will void all Warranty and Liability!

180 DAY LIMITED WARRANTY

Bachtold Bros., Inc. hereby warrants each new mower manufactured by said company for 180 days against all defects in workmanship and materials. Any part or parts found defective in that prescribed time will be replaced at the factory without charge for parts. This warranty does not include failures resulting from accident, abuse, or normal wear and tear occasioned by normal or abusive use, or failure caused by lack of proper lubrication or maintenance on the part of the purchaser. Bachtold Bros., Inc. will perform all repair functions at its factory at Forrest, Illinois. Products of other manufacturers incorporated in Bachtold Mowers will carry the warranty by such manufacturers.

Other Outstanding Whipper Features:

- 24" Cutting Width
- 8 Horsepower Briggs Engine
- 20" Wheels, Diamond Tread Tires
- Heavy-Duty Air-Tip Blade
- Heavy-Duty Tubing Frame, Axle, Variable Speed Chain Drive and Differential

Meets 4 Major Agricultural Safety Standards

1. ASAE-S318.6
2. ANSI-B114.3-1973
3. SAE-J208
4. OSHA reg. on Ag. Mach. Guarding

Over 40 years of Quality Engineering & Safety Design

For further information, price, and how to order the Whipper, write Bachtold Bros., or phone 815/657-8216 today!

BACHTOLD BROS., INC.

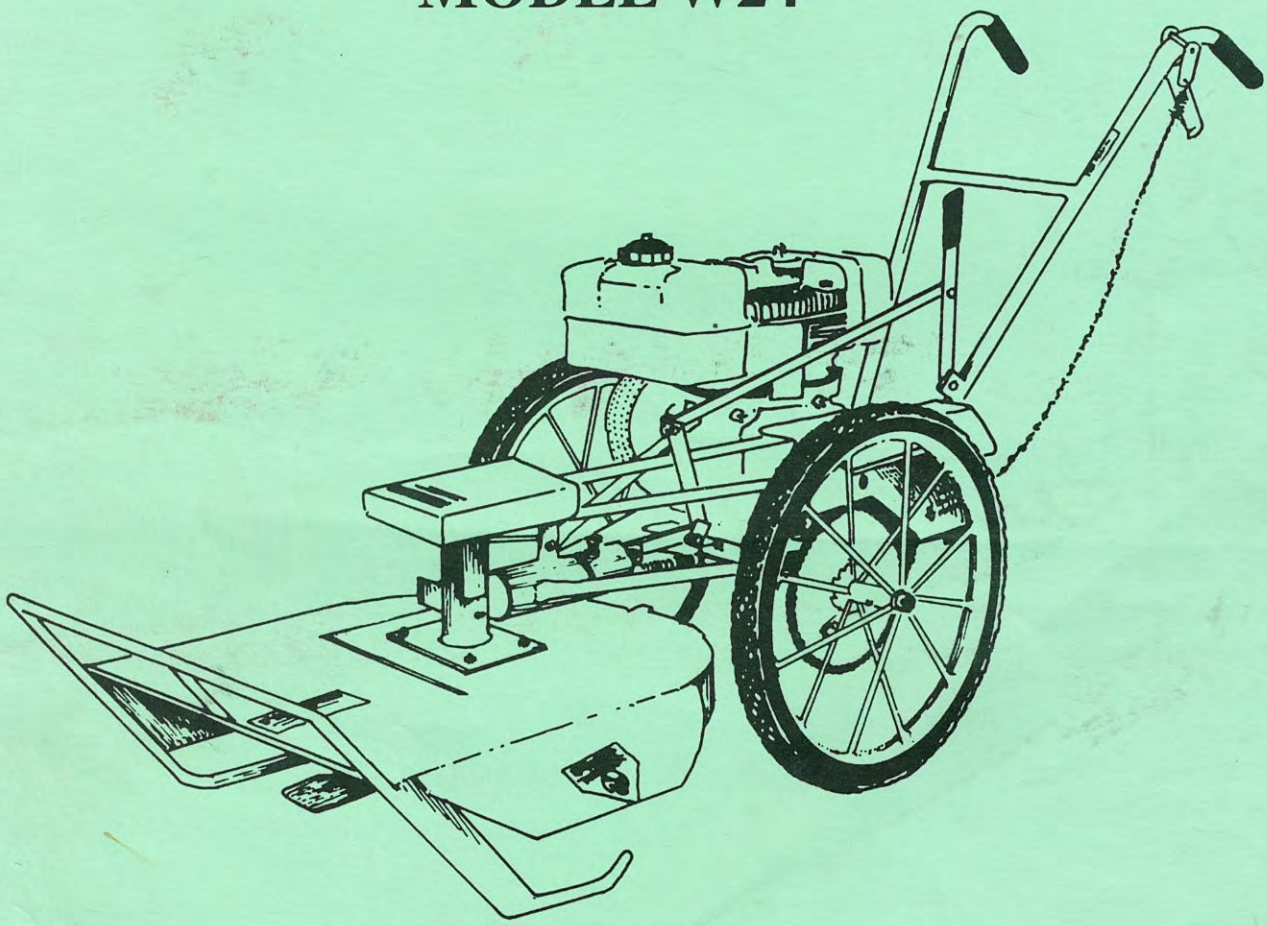
619 N. Center • Box 98 • Forrest, IL 61741

5M687

ASSEMBLY, OPERATING, AND SAFETY INSTRUCTIONS WITH PARTS LIST FOR THE

BACHTOLD WHIPPER MOWER

MODEL W24



The very first thing you should do is to read through these Operating Instructions and Hints, and become familiar with the basic features of the machine. . . .

BACHTOLD BROS., INC.
509 W. First St.
P.O. Box 485
Gibson City, IL 60936-0485
Phone 217/784-5161 • Fax 217/784-5171

OPERATION

This machine is designed, engineered, and tested to offer safe and effective cutting provided it is operated in strict accordance with the following instructions. Please adhere to them carefully to limit the possibility of injury.

PLEASE KEEP IN MIND . . .

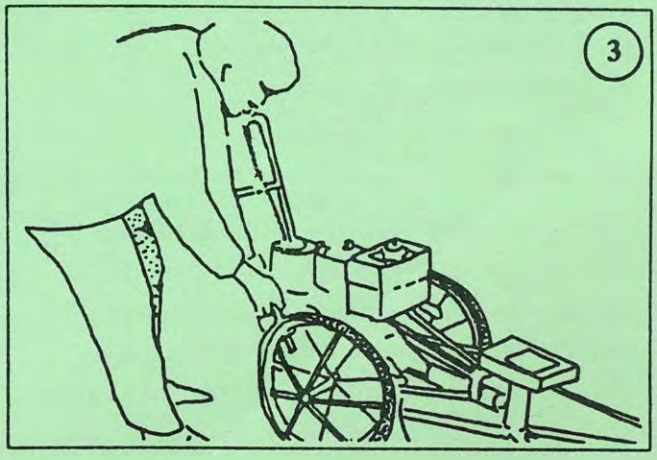
• Carelessness in starting the mower can result in serious injury. The following recommendations are made for the operator without prior experience in starting or operating a heavy-duty mower.
• Never allow children to operate the Bachtold Weed and Brush Mower.
• Be sure you know how to stop the mower at a moment's notice.
• Instruct children to keep far away from the area of mower operation at all times.
• Disconnect the spark plug at the plug terminal when making adjustments or repairs to prevent the engine from starting.
• Experiment to find the most comfortable position in relation to the weed and brush cutter to permit pulling the start cord. Pay particular attention that the feet are clear and remain clear of the blade or any moving parts. It must be assumed that the blade will cut anything within or under the mower housing.
• Pull the starter cord only a few inches and observe the reaction of the pulling force on the mower.
• Repeat the operation several times adjusting your position and grasp. Do not finally start the engine until practice has indicated that the mower will not roll or shift.

PREPARATION

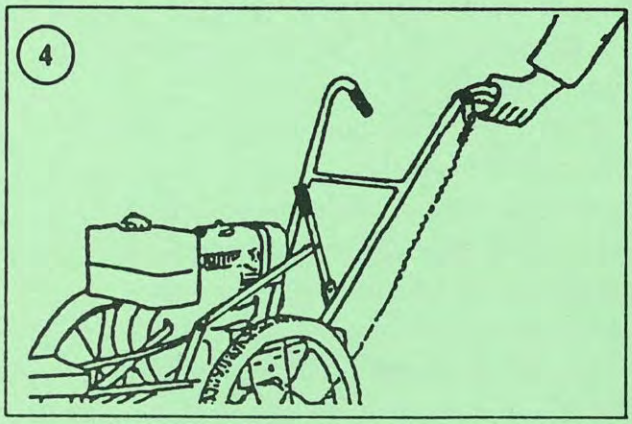
• Inspect cutting areas for possible hidden debris and remove debris before operating unit in these areas.
• Unless there is very good artificial light, mow only during daylight hours.
• DO NOT operate mower in wet grass, which could clog or increase the danger of your slipping and falling -- possibly coming into contact with the mower blade. NEVER remove shields from the mower.
• Fill gasoline-driven units outdoors. Avoid spilling gasoline and don't fill the tank while the engine is running or while you are smoking.
• Be sure all blade and ground controls are <u>disengaged</u> before attempting to start engine.
• Don't mow when barefoot or wearing open sandals. Provide some protection by means of long, heavy denim trousers. If you have safety shoes, wear them.

TO START AND OPERATE THE MOWER

1. *MAKE SURE BLADE CLUTCH IS FULLY DISENGAGED* and the Blade Brake is engaged by pulling the Clutch Handle all the way towards you *BEFORE* starting your machine.
2. Put the Throttle Control at half throttle, and push the Choke all the way down (when it's cold).

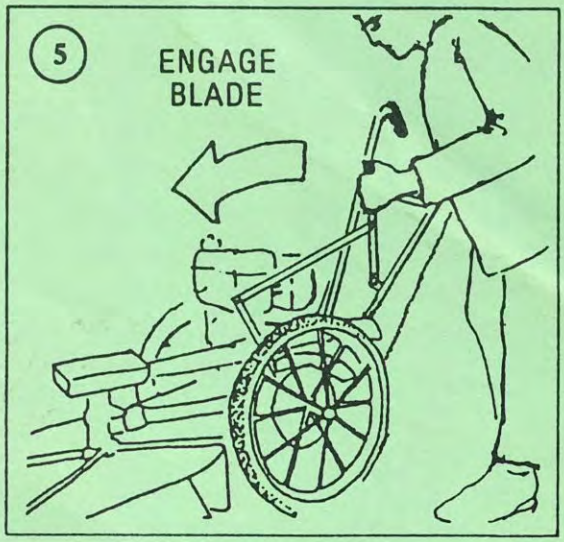


3. Step to the side and use one or two hands to pull the Starter Rope.

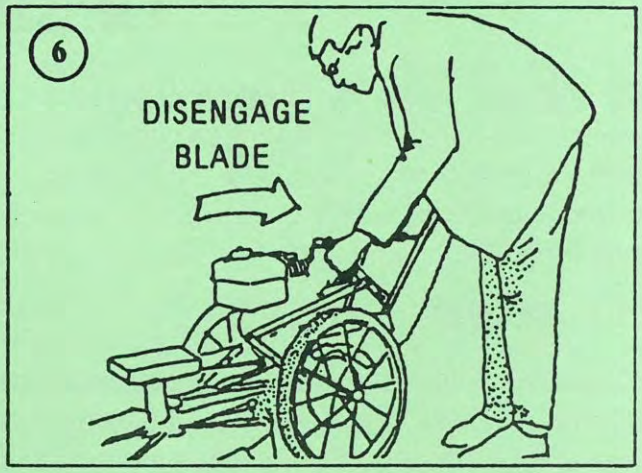


4. Once the engine is started, pull the Choke UP gradually until the engine is running smoothly. Allow engine to run until you can put Choke in the full UP and OFF position.

To move the machine closer to the area you are cutting, before engaging blade, simply squeeze the Wheel Clutch Control on the left-side handlebar and move off at a comfortable pace. You can adjust ground speed both by slowing down or speeding up the engine with the Throttle, or by varying the amount of hand pressure on the handlebar Wheel Clutch.



5. To start to mow, place unit in an area clear of rocks , stumps or other growth so the blade won't be obstructed when you start it turning. From the Operator's position, push the Blade clutch forward to the fullest forward position, as shown in the sketch. Engage the Wheel Clutch and move forward.



6. *To disengage the blade* -- slow the throttle to idle to allow the engine to break the momentum of the blade (much like a car slowing in lower gear when descending a hill), and *THEN* pull the Blade Clutch all the way back toward you.

OPERATING HINTS

- Safety glasses should be worn while mowing to protect the eyes from injury due to possible thrown objects. Wear hearing protection.
- Give complete and undivided attention to the job at hand.
- Keep the area of operation clear of ALL persons, particularly small children.
- Don't start the engine and blade until you are ready to start cutting. Stop the engine whenever you leave the unit.
- Don't overspeed the engine. Excessive cutting speed or tampering with the governor can be dangerous. Operate the engine at the slowest speed that will cut satisfactorily.
- Start the unit carefully. Stand firmly, with your feet away from the blade. Be sure the unit will not tip or roll during the starting operation.
- When operating over uneven terrain and slopes, use extreme care and make sure of solid and firm footing at all times.
- Exercise special care when cutting around objects to prevent the blades from striking them and *NEVER* deliberately cut over any object.
- Stop the operation when another person approaches.
- Do not pass or stand on the grass-discharge side or the front end of the unit with the engine running.

• *NEVER* place hands or feet under or into rotating parts or concealed areas. Keep hands and feet clearly away from cutter elements, belts, pulleys, gears, etc. while engine is running and until you are sure that the blade has stopped after the engine is shut off.

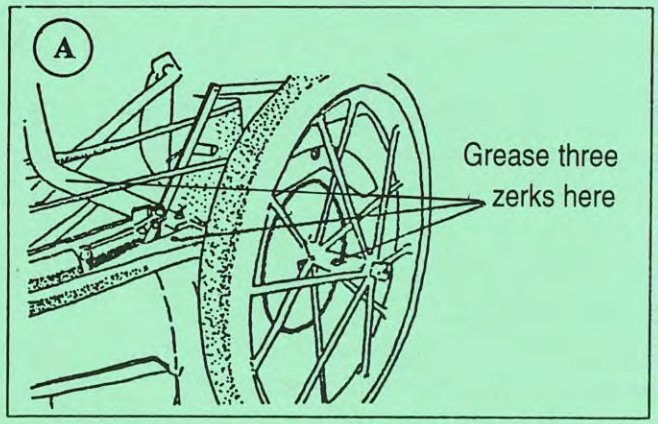
• While using a weedcutter, cultivate the habit of not hurrying or taking things for granted. When in doubt about the equipment or surroundings, stop the machine and take time to look things over. Make sure that at all times you have 100% control over the mower.

• *DO NOT,* under any conditions, remove, cut, bend, weld or change standard parts on any equipment. This includes all shields and guards. A change made on your own may make the machine unsafe. Built-in safety features are effective only when maintained and kept in place.

THINK SAFETY

MAINTENANCE

1. Have a competent serviceman make a thorough inspection at least once a year.
2. Never adjust the unit until the engine has been turned off.
3. Keep the engine free of accumulations of grass, leaves, or excessive grease. An accumulation of these combustible materials may result in fire.
4. Maximum cutting results and safety can only be expected if the unit is maintained and operated correctly.
5. There are three (3) grease zerks on the mower that should be lubricated periodically. One zerk is located on the left ratchet wheel and two others are on the axle housing. (See sketch "A".)



6. The mower has a variable-speed drive and can be operated from a slow creep to a fast walk. Different ground speeds are attained by merely squeezing the clutch lever with stronger or lighter pressure until the desired speed is reached. The 30" belt may be safely slipped in the pulleys if a very slow speed is desired for heavy weed cutting. If the belt stretches, hook the spring in the clutch lever one link closer on the chain toward the idler.
7. When adjusting the drive belt, be sure it is only tight enough so the belt does not slip when cutting. Excessive tension shortens belt life. If the belt tends to drop off the 5" pulley when it's disengaged, simply adjust the brake bracket forward so the brake comes on sooner. When the blade drive belt is tightened, the brake should be adjusted forward the same distance so the belt doesn't rub the front of the pulley cover. There should be 3/8" clearance from the front and right side of the 5" pulley to the front and right side of the 5" pulley cover.
8. The clutch arm located on the left handlebar should always be used to throw the blade in and out of gear each time the mower is started or if the mower is standing still with the engine running. **ALWAYS** have the blade disengaged when starting the engine. Whenever stepping away from behind the mower, be sure the clutch arm is back so the blade is disengaged. By utilizing this extemely valuable safety feature, the operator can disengage the blade at any time with the engine running and the mower even moving. *The engine should never be started with the blade engaged.* Be sure the engine is shut off when belts are being put on pulleys.

IMPORTANT NOTICE

All mowers built after January 1, 1991 will have a grease fitting on the left side of the head housing to lubricate the lower bearing and to keep moisture out of the housing.

To service your new mower, initially give the fitting 15 pumps of grease from your grease gun. Give the fitting 10 pumps of grease at the beginning of each following season.

WHIPPER MOWER

"OWNERS MANUAL" AND "SAFETY INSTRUCTIONS"

1. There are two (2) grease zerks on the mower that should periodically be lubricated. The zerks are located on the left ratchet wheel and below the blade clutch bracket on the axle housing.
2. The mower has a variable-speed drive and can be operated from a slow creep to a fast walk. Different ground speeds are attained by merely squeezing the clutch lever with stronger or lighter pressure until the desired speed is reached. The 30" belt may be slipped safely in the pulleys if a very slow speed is desired for heavy weed cutting. If the belt stretches, hook the spring in the clutch lever one link closer on the chain toward the idler.
3. When adjusting the blade drive belt, be sure it is only tight enough so the belt does not slip when cutting. Excessive tension shortens belt life. If the belt tends to drop off of the 5" pulley when it's disengaged, simply adjust the brake bracket forward so the brake comes on sooner. When the blade drive belt is tightened, the brake should be adjusted forward the same distance so the belt doesn't rub the front of the pulley cover. There should be 3/8" clearance from the front and right side of the 5" pulley to the front and right side of the 5" pulley cover.
4. The clutch arm located at the front end of the mower should always be used to throw the blade in and out of gear each time the mower is started or if the mower is standing still with the engine running. **ALWAYS** have the blade disengaged when starting the engine. Whenever stepping away from behind the mower, be sure the clutch arm is back (toward the engine), so the blade is disengaged. When the clutch is forward (toward the cutting head), the blade is engaged. Be sure the engine is shut off when belts are being put on the pulleys. This is an extremely valuable safety feature and by utilizing, the operator can disengage the blade at any time with the engine running and the mower even moving. It makes the engine much easier to start with the blade disengaged.
5. For the best performance of this machine, **DO NOT** operate when the grass is wet. **NEVER** remove shields from the mower.
6. Should any problems be encountered in operation or performance, check the setting-up instructions to be sure the machine was properly assembled.
7. Most important in final assembly is making sure the axle washer is slipped on the axle before inserting the axle in the axle housing. If the drive chain runs off of the big sprocket, be sure there is no play in the axle housing. To tighten the axle, loosen the set screw in the right wheel and drive the wheel further on the axle.

180 DAY LIMITED WARRANTY

90 DAY WARRANTY ON RENTAL & COMMERCIAL MOWER

ANY ALTERATION OF THIS UNIT WILL VOID THE WARRANTY AND ALL LIABILITY!

Bachtold Bros., Inc. hereby warrants each new mower manufactured by said company for 180 days against all defects in workmanship and material. Any part or parts found defective in that prescribed time will be replaced at the factory without charge for parts. This warranty does not include failures resulting from accident, abuse or normal wear and tear occasioned by normal or abusive use, or failure caused by lack of proper lubrication or maintenance on the part of the purchaser. Bachtold Bros., Inc. will perform all repair functions at its factory at Forrest, Illinois. Products of other manufacturers incorporated in Bachtold Mowers will carry the warranty by such manufacturers.

THINK SAFETY!

Read these instructions before operating your BACHTOLD Weed Cutter.

This machine is designed, engineered, and tested to offer safe and effective cutting provided it is operated in strict accordance with the instructions herein. Failure to do so may result in personal injury.

TRAINING

Never allow children to operate the weed mower.

Be sure you know how to stop the weed mower at a moment's notice.

Instruct children to keep away from the area of operation of the mower at all times.

Carelessness in starting the mower can result in serious injury. The following recommendations are made for the operator without prior experience in starting or operating a weed mower.

Disconnect the spark plug wire at the plug terminal to prevent the engine from starting.

Experiment to find the most comfortable position in relation to the weed and brush cutter to permit pulling the starter cord. Pay particular attention that the feet are clear and remain clear of the blade or any moving parts.

(It must be assumed that the blade will cut anything within or under the mower housing.)

Pull the starter cord only a few inches and observe the reaction of the full force on the mower.

Repeat the operation several times adjusting your position and grasp. Do not finally start the engine until practice has indicated that the mower will not roll or shift.

PREPARATION

When you mow on rough terrain or in high grass or weeds, the blade should be set at the highest cutting point to minimize the ejection of debris from the cutter.

Inspect areas for possible hidden debris and remove debris before operating unit in these areas.

Unless there is very good artificial light, mow only during the daylight hours.

Do not operate mower in wet grass, which clogs and increases the danger of your slipping and falling and possibly coming into contact with the mower.

Guards on unit must not be removed.

Fill gasoline-driven units outdoors. Avoid spilling gasoline and don't fill the tank while engine is running or while you are smoking.

Be sure all blade and ground controls are in neutral before attempting to start engine.

Don't mow when barefoot or wearing open sandals. Provide some protection by means of long, heavy denim trousers and brogues. If you have safety shoes, wear them.

OPERATION

Give complete and undivided attention to the job at hand.

Keep the area of operation clear of all persons, particularly small children.

Don't start the engine and blade until you are ready to start cutting. Stop the engine whenever you leave the unit.

Don't overspeed the engine. Excessive cutting speed or tampering with the governor can be dangerous. Operate the engine at the slowest speed that will cut satisfactorily.

Start the unit carefully. Stand firmly, with your feet away from the blade. Be sure the unit will not tip or roll during the starting operation.

When operating over uneven terrain and slopes, use extreme care and make sure of solid and firm footing at all times.

Exercise special care when cutting around objects to prevent the blades from striking them and never deliberately cut over any object.

Stop the operation when another person approaches. Do not pass or stand on the grass-discharge side of the unit with the engine running.

NEVER place hands or feet under or into rotating parts or concealed areas. Keep hands and feet clearly away from cutter elements, belts, pulleys, gears, etc. while engine is running and until you are sure that the blade has stopped turning after the engine is shut off.

MAINTENANCE AND STORAGE

Have a competent serviceman make a thorough inspection of the unit at least once a year.

Never adjust the unit or change attachments until the engine has been turned off.

Keep engine free from accumulations of grass, leaves, or excessive grease. An accumulation of these combustible materials may result in a fire.

Maximum cutting results and safety can only be expected if the unit is maintained and operated correctly.