



John Deere
Electric 90
Mower

Operator's Manual
OM-M46367
Issue A2





Safety Precautions



M 9260

This OPEI Seal certifies that your model of mower has been tested by an independent laboratory and that it complies with American National Standard B71.1.1968, "Safety Specification for Power Lawn Mowers."

⚠ Improper use or maintenance of the Electric 90 Mower and its equipment on the part of an operator can still result in injury. To reduce this possibility, follow these safety suggestions.

Preparation

Do not allow anyone to operate your Electric 90 Mower without proper instructions.

Never allow children to operate mower.

Keep children and pets a safe distance away while mowing.

Know your controls. Read this manual carefully. Learn how to stop the traction drive and mower motors quickly in an emergency.

Make sure the lawn is clear of sticks, stones, wire and debris that could be thrown by the blades.

Set mower at highest cutting height when mowing rough ground or tall weeds.

Use care when operating mower on slopes or in wet grass.

Do not operate mower with guards removed.

Wear tight fitting clothes. Loose clothing may catch on controls.

Remove charging cord from wall receptacle before starting traction motor.

Operation

Give complete and undivided attention to the job at hand.

Never direct discharge of any material toward bystanders nor allow anyone near machine while it is in operation.

Disengage clutch and shift into neutral before starting traction drive motor.

To stop ground travel, depress both the brake and clutch pedals. The Electric 90 Mower will coast if only the clutch pedal is depressed.

Always stop ground travel before shifting gears.

Mow only in daylight or in good artificial light.

Do not allow passengers to ride on your mower.

Do not operate mower too close to a ditch or terrace. Stay alert for holes or other hidden hazards.

Shift to a lower gear to reduce speed on slopes and sharp turns. Prevent tipping or loss of control.

This machine is not for street or highway use. Watch for traffic when mowing near roadways.

Stop your Electric 90 after striking a solid object. Check for damage and make necessary repairs prior to restarting and operating.

Stop all motors, set the brake and remove the key whenever you leave the mower, even for a moment.

Use caution when towing heavy loads.

Maintenance and Storage

Disconnect a battery cable when working on the electrical system.

Frequently check all fasteners, guards, and parts. Built-in safety features are effective only if maintained.

Follow maintenance instructions in this manual. Have a competent serviceman inspect the mower each year.

Charge batteries in a ventilated area.

Keep shroud raised while charging batteries until timer returns to "OFF."

Keep flames away and avoid smoking while working around batteries to avoid fires or explosion.

Do not tip mower on end unless batteries are first removed from the mower. Acid could cause injury or machine damage.

Do not remove battery cover except to disconnect battery cables.

Do not service battery while recharging.



Contents

	Page
Safety Precautions	Inside Front Cover
To The Purchaser	2
Mower Identification	3
Controls	4
Before Starting Mower	6
Operation	8
General Maintenance	10
Adjustments and Service	12
Storage	14
Trouble Shooting	14
Assembly	15
Activating Batteries	16
Specifications	17



To the Purchaser

Read this operator's manual before you start the motors. You will be able to do a better, safer job of mowing.

⚠ This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and read carefully the message that follows.

The Electric 90 Mower is designed and manufactured to the traditionally high standards of John Deere. It has many quality features to bring you new mowing efficiency and convenience, as well as greater ease of operation and maintenance. If given proper care, your mower will give you long, efficient service.

The Electric 90 Mower has an electric traction drive motor to power the 3-speed transaxle. The mower is driven by two individual electric motors, one on each blade. Cutting width is 34 inches.

When in need of parts or major service, see your John Deere Consumer Products Dealer. For prompt, efficient service, give the dealer the mower serial number.

The mower serial number is located on the rear of the battery box.

Record the mower serial number in the space provided on page 17.

The warranty on this mower appears on your copy of the purchase order which you should have received from your dealer when you purchased the mower.

In addition to the warranty shown on the back of the purchase order, the batteries used in the Electric 90 Mower are warranted for a five year period. The batteries are warranted against defects for the first two years with a prorated charge for the last three years. This warranty does not apply if the unit is leased, used for hire, or commercial mowing.





DRIVE CLUTCH PEDAL

This pedal, located at the left of the steering console, is used to engage or disengage the transaxle drive for ground travel. When depressed, the drive is disengaged. The drive clutch pedal must be depressed when starting the tractor-motor used to drive the transaxle. Depressing the drive clutch pedal

MOWER DEPTH CONTROL

The mower depth control knob is located on the rear of the steering console. It is used to raise or lower the cutting height by turning the knob clockwise for higher cutting height and counterclockwise for lower cutting height.

Mower Identification



M10510

John Deere Electric 90 Mower

