



New John Deere Electric Riding Mower



The New John Deere Electric 90 brings you quiet, carefree lawn care

With a John Deere Electric 90 Riding Mower you'll discover how wonderfully pleasant and carefree lawn care can be.

You'll notice how remarkably quiet the new Electric 90 is. So quiet you'll perhaps be more relaxed than ever before while cutting grass—and more rested after you've finished. So quiet you can cut grass anytime from sunrise to sunset without disturbing your neighbors. And there's no engine heat or exhaust fumes.

The 90 speaks softly because power is supplied by three electric motors that are almost "whisper quiet". The traction motor, which propels the unit, can scarcely be heard at all. And when you switch on the two electric motors that power the 34-inch, twin-bladed mower, the noise is limited largely to the whirling sound and cutting action of the blades.

The Electric 90 requires little maintenance. It's easy on your budget and very gentle on your mind. For example, the three 12-volt batteries supply plenty of power to operate the 90 for about 1½ hours and cut about an acre in average conditions. To charge the batteries, simply plug the charger, which is in the battery compartment under the hood, into any household electrical outlet. In 12 hours, battery power is restored completely. And while you're operating an Electric 90, thermal sensors are on guard to detect any abnormal heat in the electric motors. The sensors will shut off the motors instantly and prevent damage due to overheating.

With this John Deere you never concern yourself with changing of engine oil, air filters and spark plugs, or with refueling. An occasional check to maintain battery water and periodic lubrication keeps the Electric 90 Riding Mower running smoothly. It's the ultimate Weekend Freedom Machine. And it's an exclusive you see only at your John Deere dealer's.

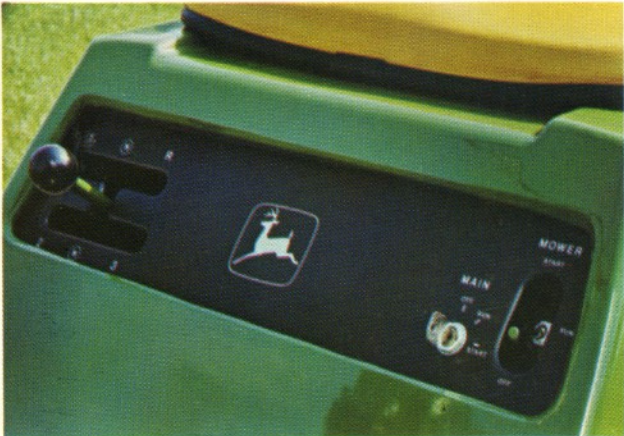


The Electric 90 Riding Mower has superb, functional styling. The clean, uncluttered lines give you an excellent view of your mowing. The fiberglass hood won't fade or rust; it keeps the "like-new" appearance. Notice the completely shielded mower. That's just one of more than 20 safety features you'll find on the Electric 90.



Mower cutting height (Figure 1) adjusts to any distance from one to four inches above the ground. Mower is raised and lowered easily with the lift lever (Figure 2). When the mower is lowered it automatically returns to the preset position. The two-bladed mower is designed for non-scalp mowing. It produces an even discharge of clippings.

This deep foam-cushioned adjustable seat offers comfort and support. And because the Electric 90 is quiet, fumeless, nearly vibration-free, and requires very little maintenance, it's a pleasure to operate.



Controls are located on a panel beneath the seat. The gearshift controls ground speed; there are three forward and one reverse speeds. A key switch starts the traction motor and a toggle switch starts the mower. As a safety measure, the traction motor cannot be started unless the clutch is depressed. And if the key is turned off while the mower is running, the mower toggle switch must be recycled before the mower can be restarted.

To charge the batteries, just plug the charger cord into any household outlet and turn the charger dial to the "on" position. The charger can be left plugged in all week, all month, or all winter. A few minutes every 24 hours electricity is "trickled" into the batteries to maintain a complete charge.



The oscillating front axle helps keep the Electric 90 level when it is operated on uneven ground. Excellent stability is provided by a low center of gravity, uniform distribution of weight, and high-flotation tires.

This 500-pound-capacity 50 Dump Cart is a perfect match for the Electric Rider. It's ideal for numerous hauling jobs. High-flotation tires hold tracking to a minimum. A trailer-type lawn sweeper and 20-gallon sprayer are two more items of timesaving equipment you'll want to hitch on to your Electric 90.



This handy, 38-inch, front-mounted blade is designed for light snow removal. It angles to the right and left of center, raises or lowers easily, and is attached or removed quickly without tools. The rubber squeegee on the blade protects the unit from damage, protects the operator and prevents marring the driveway or sidewalk. A belt drive protects the drive train from damage should the Rider strike an unyielding object.

Your John Deere dealer offers you the kind of service you desire and deserve

The new Electric 90 Riding Mower was designed to be as trouble-free as possible. Because it is powered by electric motors, it has fewer parts than a gasoline-engine-powered machine. So fewer things should go wrong.

But if you ever do need service, your John Deere dealer has experienced, factory-trained personnel ready to help. He stocks a large inventory of parts to help prevent unnecessary delays.

See your John Deere Dealer. Ask him for complete details about the new Electric 90 Riding Mower. (You might even test drive one right in his showroom.) Confidential financing is also available.

Specifications

(Specifications and design subject to change without notice)

DIMENSIONS AND WEIGHT

Wheelbase	40 in.
Tread	
Front	22 in.
Rear	25 in.
Height	37 in.
Length	56.2 in.
Width (incl. mower)	43 in.
Weight (approx. curb weight)	475 lb.
Tires (pneumatic)	
Front	11 x 4.00
Rear	16 x 16.50

BATTERIES

Number used	3
Weight (each, dry)	34.5 lb.
Voltage	12 volts
Type	Motive power specifically designed to give long cycle life and withstand deep charging.

CHARGER

Charger capacity	Full charge—12 hr. 80% charge—5 hr.
Line voltage	100/125V AC household current
Temperature range	Ambient compensated

TRACTION MOTOR

Type	Permanent-magnet, 2-pole
Voltage	36 volts DC
Speed	2,400 rpm
Protection	Thermal overload

MOWER MOTORS

Number	2
Type	Permanent-magnet, 2-pole
Voltage	36 volts DC
Speed	3,200 rpm

TRANSAXLE

Maximum ground speeds	1st gear, 1.8 mph 2nd gear, 3.4 mph 3rd gear, 5.0 mph Reverse, 2.5 mph
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Clutch.....V-belt from traction motor to transaxle

BRAKE

Type	Band on transaxle-mounted drum
Park	Hand set

STEERING

Type	Gear reduction
Ratio	4:1

MOWER

Width of cut	34 in.
Lift	Pedestal-mounted lever, spring assisted
Height of cut	1 to 4 in. above ground
Blades (2)	Direct driven



This OPEI certification decal placed on John Deere Mowers means that a mower model has been tested by an independent laboratory and met the specifications of American National Standard B71.1.1968, "Safety Specification for Power Lawn Mowers." These standards are intended to minimize the risk of personal injury.