

# 111 SELF-PROPELLED PEANUT COMBINE



JOHN DEERE

## OPERATORS MANUAL 111 SELF-PROPELLED PEANUT COMBINE

OMH63969 (01APR66) English

**OMH63969 (01APR66)**

LITHO IN THE U.S.A.  
ENGLISH





# TO THE PURCHASER

The Self-Propelled Peanut Combine you have purchased has been carefully designed and manufactured to provide years of dependable, economical service.

To further insure trouble-free service we recommend that you follow closely all instructions concerning operation, lubrication, adjustments and service. Preventive maintenance has proved to be much more economical than corrective maintenance. Should you require information not covered in this manual, consult your John Deere dealer.

## KEEP YOUR COMBINE A JOHN DEERE COMBINE

Genuine John Deere parts fit properly and insure satisfactory service because they are made from the original patterns and from the same materials as used in new machines. Should your combine require replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts—accept no substitutes.

## SPECIAL EQUIPMENT

In addition to the equipment furnished with your combine, there is special equipment available to help you do a better job of combining in a special crop or condition. This special equipment, illustrated and described in the SPECIAL EQUIPMENT section, is available from your John Deere dealer.

## LOCATION REFERENCE

"Right-hand" and "left-hand" sides are determined by facing in the direction the combine will travel when in use.

Radiator end of the engine is referred to as the "front," flywheel end as the "rear."

The service policy which you received with your new combine certifies that the combine was

properly inspected and prepared for delivery by your John Deere dealer. Keep this policy in a safe place and present it to the dealer whenever services which it authorizes are required.

Your John Deere dealer wants to help you get the most value from your combine. His skilled servicemen can handle every job efficiently. These men are trained in modern service methods and they have the necessary tools and equipment. If new parts are needed, only genuine John Deere parts will be installed. These parts are exact duplicates of the originals, made from the same patterns and of the same high-quality materials.

## SERIAL NUMBERS

Your combine, axle and engine have serial numbers.

The combine serial number is on a plate located on the support bracket for the selective ground speed sheaves.

The engine serial number is on a plate located on top of the flywheel housing.

The axle serial number is on the rear of the left-hand axle support bracket.

When ordering parts, be prepared to furnish the model and serial numbers as given on the serial number plates. By doing so, you will assist your John Deere dealer in giving you prompt, efficient service.

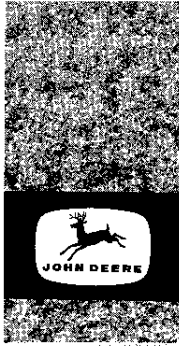
Combine serial no. \_\_\_\_\_

Engine serial no. \_\_\_\_\_

Axle serial no. \_\_\_\_\_

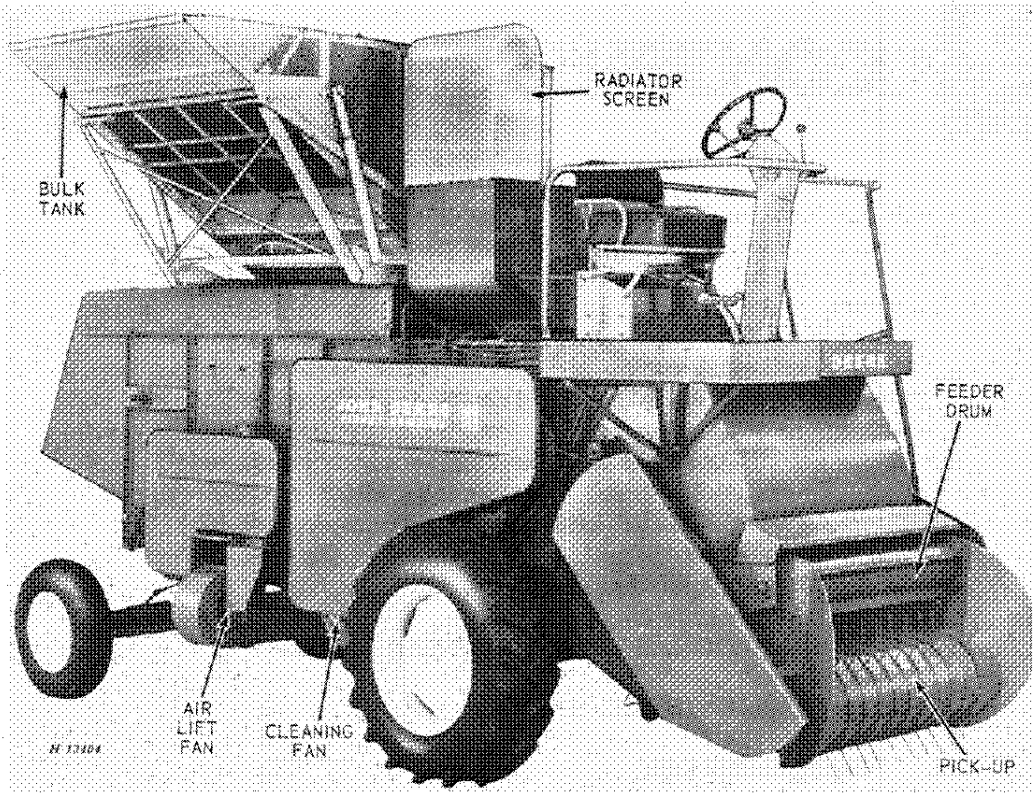
Date Purchased \_\_\_\_\_

Operator's Manual Price

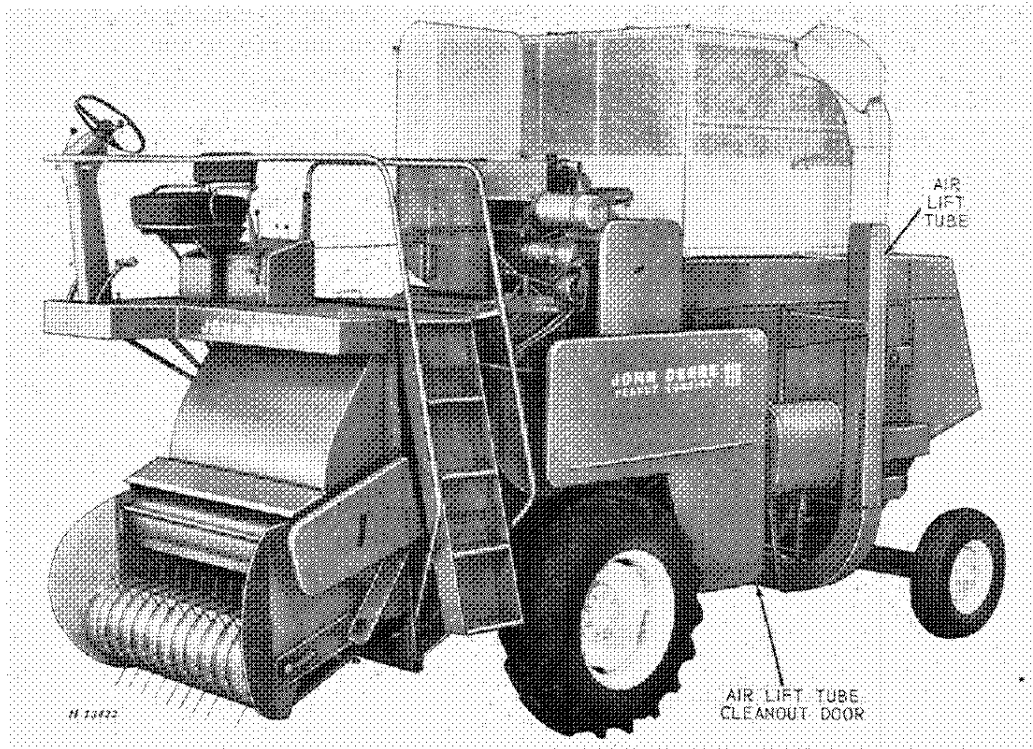


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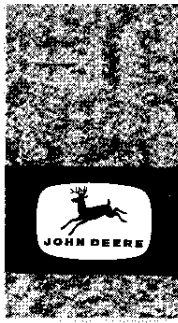
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*Right-Hand Front View - John Deere 111 Self-Propelled Peanut Combine*



*Left-Hand Front View - John Deere 111 Self-Propelled Peanut Combine*



# SPECIFICATIONS

## COMBINE

### PICKUP

Width of gather . . . . . 60 inches  
Width, front of bands . . . . . 52 inches  
Drive . . . . . V-belt and chain  
Speed . . . . . 48 rpm to 75 rpm  
Lift mechanism . . . . . Hydraulic

### FEEDER DRUM OVER PICKUP

Width . . . . . 46-1/4 inches  
Diameter . . . . . 12 inches  
Drive . . . . . Chain  
Speed . . . . . 90 rpm

### SEPARATOR BODY

Width . . . . . 47-1/2 inches  
Length of separating surface . . . 168 inches

### FRONT CYLINDER

Width . . . . . Full width of separator  
Diameter to tips of teeth . . . . . 42 inches  
Speed . . . . . 110 rpm

### BEATER BETWEEN CYLINDERS

Width . . . . . Full width of separator  
Diameter to tips of fingers . . . . . 19 inches  
Speed . . . . . 512 rpm

### REAR CYLINDER

Width . . . . . Full width of separator  
Diameter to tips of teeth . . . . . 28 inches  
Speed . . . . . 218 rpm

### CONCAVES

Front . . . . . 5 rows of teeth independently  
adjusted  
Rear . . . . . 3 rows of teeth independently  
adjusted

### BEATER BEHIND REAR CYLINDER

Type . . . . . Wing  
Width . . . . . Full width of separator  
Diameter . . . . . 7-1/2 inches  
Speed . . . . . 101, 129, 171 & 368 rpm

### VINE WALKERS

Number . . . . . Five  
Width . . . . . 9 inches  
Length . . . . . 103 inches  
Type of walker . . . . . one step  
Drive . . . . . V-belt  
Bearings . . . . . Oil-soaked maple

### TOTAL SEPARATING

AREA . . . . . 7975-1/4 sq. inches

### CANVAS CONVEYOR

Width . . . . . Full width of separator  
Working length . . . . . approx. 88 inches  
Type . . . . . Rubber coated with vulcanized slats  
Speed . . . . . 245 rpm—162 feet per minute  
Drive . . . . . V-belt

### CLEANING FAN

Type . . . . . 6 metal blades—overshot  
Drive . . . . . V-belt  
Speed . . . . . 1059 rpm

### STEMMING SAWS

Number . . . . . 2 rows—35 saws per row  
Drive . . . . . V-belt

### SHOE

#### UPPER GRID

Type . . . . . Wood-cell  
Width . . . . . 44 inches  
Length—with finger bar . . . . . 38 inches  
Area . . . . . 1672 sq. inches

#### MIDDLE GRID

Type . . . . . Metal-louver  
Width . . . . . 44 inches  
Length—with finger bar . . . . . 31 inches  
Area . . . . . 1364 sq. inches

#### LOWER GRID

Type . . . . . Metal-louver  
Width . . . . . 43-1/2 inches  
Length . . . . . 31 inches  
Area . . . . . 1348-1/2 sq. inches  
Total cleaning area . . . 4384-1/2 sq. inches

### AIR LIFT FAN

Type . . . . . 6 metal blades  
Drive . . . . . V-belt  
Speeds . . . . . 3491 rpm and 3991 rpm

### BULK TANK

Capacity . . . 70 Bushel—Approx. 2200 Pounds  
Lift mechanism . . . . . Hydraulic

### BRAKES

Type . . . . . Individual, mechanical disk-type

TRANSMISSION . . . Automotive—3 speeds forward, 1 reverse

WEIGHT . . . . . 8885 Pounds (Approx.)

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