

# **30 COMBINE**



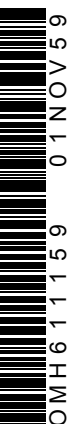
## **OPERATORS MANUAL**

### **30 COMBINE**

OMH611159 (01NOV59) English

**JOHN DEERE HARVESTER WORKS  
OMH611159 (01NOV59)**

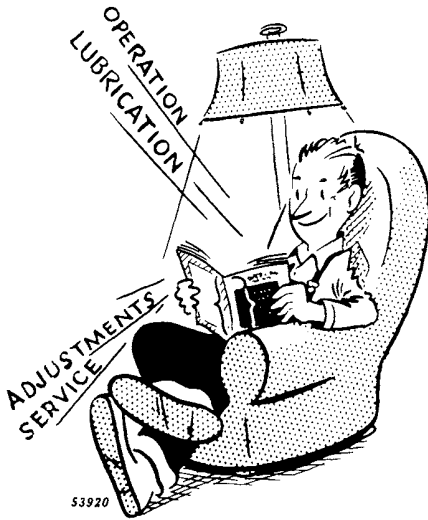
LITHO IN THE U.S.A. (REVISED)  
ENGLISH



## • FOREWORD •

The combine you have just purchased was designed and manufactured to the traditional high quality standards of all John Deere Farm Equipment. We are confident that you will receive years of dependable economical service from your John Deere 30 Combine.

This manual has been carefully prepared and illustrated to provide you with the necessary information to hook up, adjust, service, lubricate and operate your new John Deere 30 Combine to best advantage.



**Read and Study This Manual Carefully. Keep It in a Handy Place and Refer to It Often.**

A combine must be constructed to harvest in a wide range of conditions. Average conditions can be handled by the standard equipment with which the combine is shipped. However, unusual conditions may require some special equipment.

The information given in the Manual will afford a clear understanding of the fundamentals of combine harvesting. **The proper use of these fundamentals to suit the condition in which the combine is operating is up to the operator.**

Conditions vary, not only from year to year and section to section, but also from field to field. It is, therefore, obviously impossible to give definite rules for combine operation that will directly apply in every case. It is entirely possible that there are several solutions to any particular threshing problem. For this reason, we give numerous suggestions, some

of which may conflict; you can use the one that best suits your needs.

It is often necessary to settle on a compromise of adjustments to save the maximum amount of the crop. To illustrate, in a trashy condition where a large volume of straw stems, weed joints, etc., is being delivered to the cleaning unit along with the grain, it is advisable to open the chaffer and sieve a little wider and accept a slightly dirtier sample rather than to close the chaffer and sieve and receive a cleaner sample but allow too much grain to pass out of machine with the blanket of trash.

If you should find that you require information not covered in this manual, consult your John Deere dealer. He will be glad to answer any questions that may arise regarding the operation and service of the combine. He has trained mechanics who are kept informed on the best methods of John Deere Combine servicing and can give you prompt know-how service in the field or in his shop.

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

## LOCATION REFERENCE

“Right-hand” and “Left-hand” sides are determined by facing in the direction the combine will travel when in use.

## SERIAL NUMBERS

Record the serial number of your combine (and engine if so equipped) in the spaces provided below.

The combine serial number is stamped on the name plate, located on the right-hand side of the separator just above the tailings auger.

The engine serial number is on the engine name plate, located on the front of the engine just above the crankcase oil level gauge.

Combine Serial No. ....  
Engine Serial No. ....  
Date Purchased .....

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Because the first thing every day, I

- ✓ Lubricated the combine properly.
- ✓ Made the proper adjustments for the crop and field conditions.

**THESE DAILY PRECAUTIONS WILL INSURE GOOD PERFORMANCE AND LONG SERVICE.**

## SPECIFICATIONS

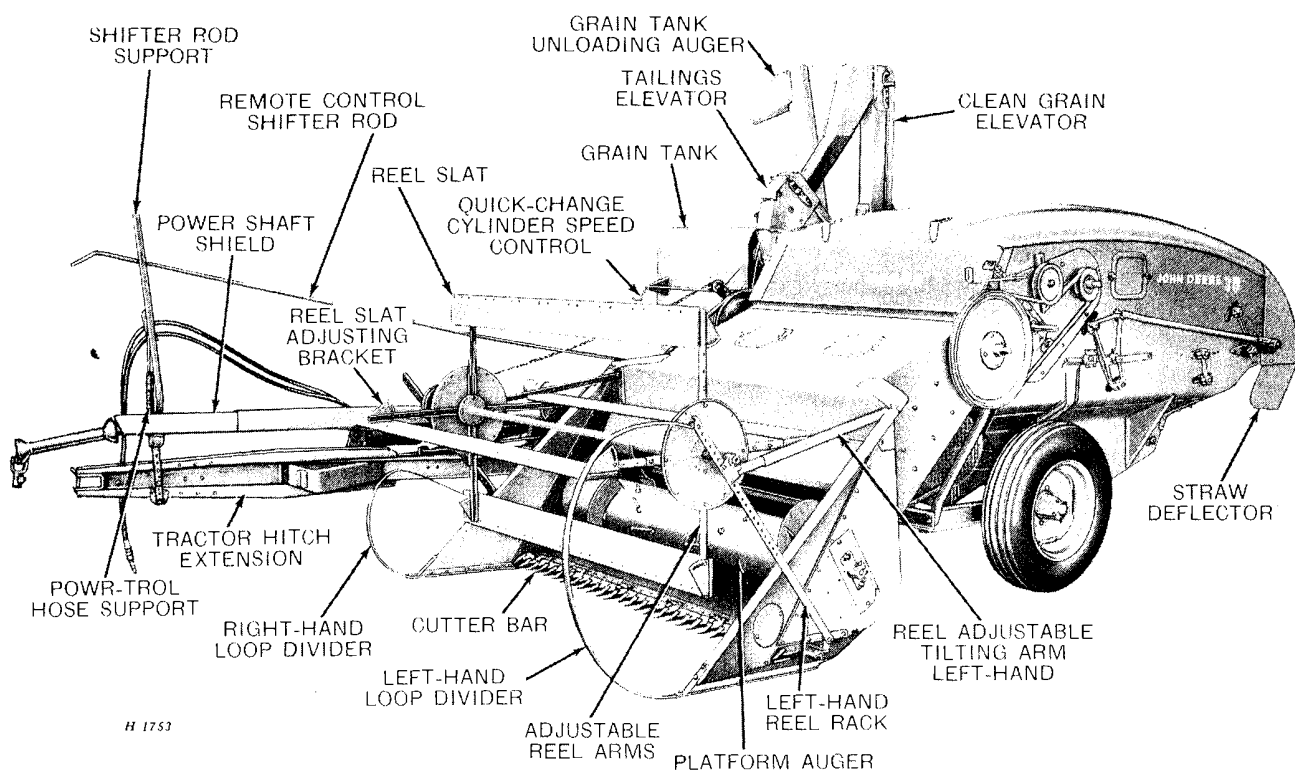
Distance Between Divider Points.....	84 in.	Width and Length of Chaffer and Cleaning Sieves.....	36 x 34 in.
Length of Cutter Bar.....	78 in.	Width of Separator, Rear.....	60 in.
Right- or Left-Hand Cut.....	Left-Hand	Recleaner Available.....	Yes
Cutter Bar in Front or to Side of Cylinder.....	Front	Type of Drive.....	Power Take-Off or Engine
Type of Platform.....	Hinged	Drive to Cylinder.....	V-Belt
Range of Cutting Height.....	1-1/2 in. to 30 in.	Number of Wheels.....	2
Type of Conveyor.....	Conveyor Chain	Tire Size.....	7.50 x 16
Reel Drive.....	Ground-Driven	Wheel Tread—Center-to-Center at Ground Line—Wheels Dished Out.....	105 in.
Reel Adjustable from Tractor Seat.....	Yes, on Power- Controlled Reel	Cylinder Bearings.....	Sealed Ball
Number of Slats on Reel.....	4 Slats (Six or Eight Slats Optional)	Fan and Beater Bearings.....	Sealed Ball
Type of Cylinder.....	Rasp-Bar	Wheel Bearings.....	Tapered Roller
Width of Cylinder.....	60 in.	Length Over-All (With Tractor Hitch Extension).....	19 ft., 4-in.
Diameter of Cylinder.....	15 in.	Width Over-All.....	10 ft., 11-1/2 in.
Speed Range of Cylinder.....	430 to 1685 rpm	Height Over-All.....	9 ft., 2 in.
Type of Separation.....	Unit Rack	Capacity of Grain Tank.....	25 bu.
Length of Separating Surface....	76 in.	Shipping Weight, Standard Equipped.....	Approx. 3800 lbs.
(Measured in a straight line from center of cylinder shaft to point of discharge of straw.)			

*(Specifications and design subject to change without notice.)*

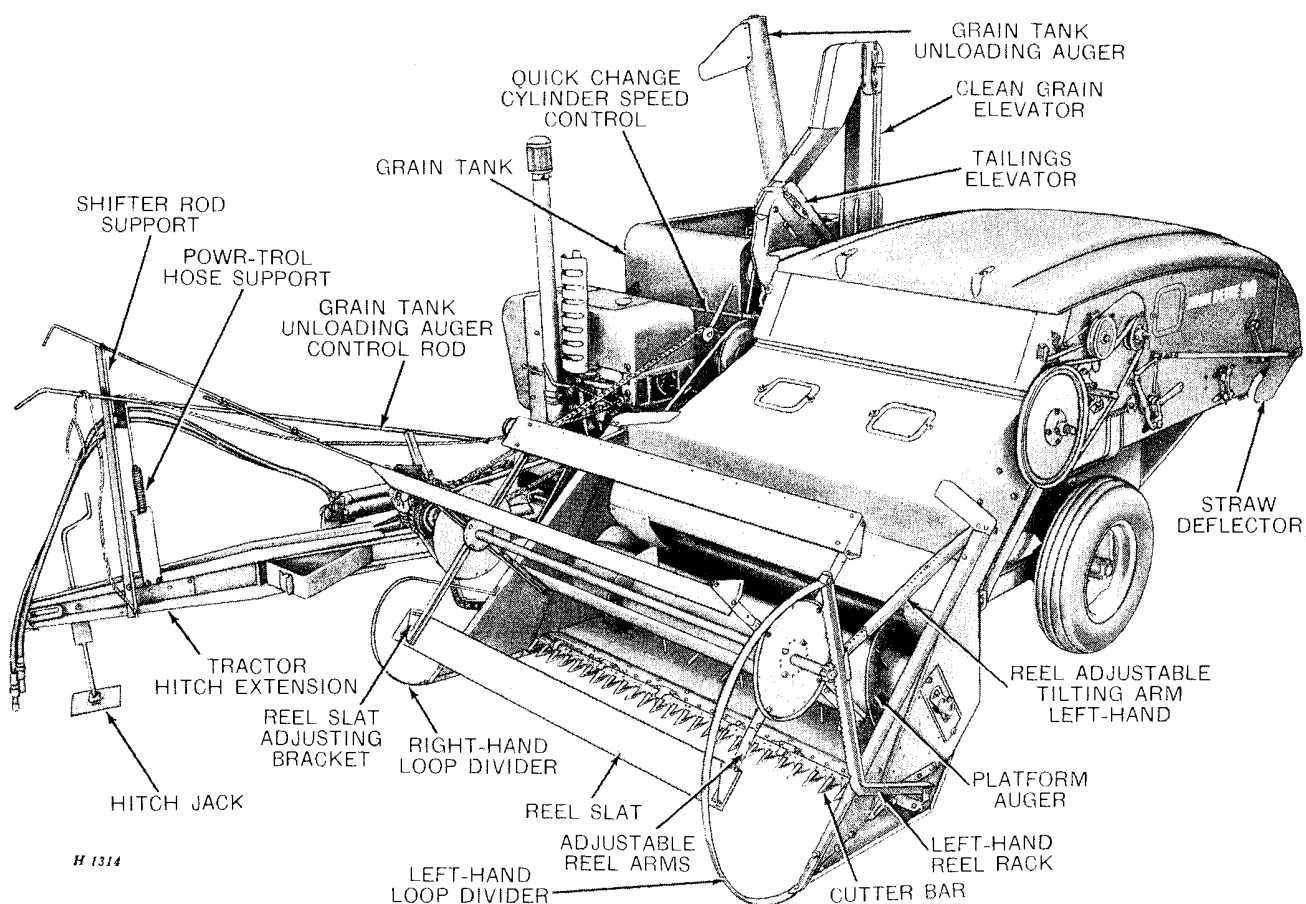
Keeping your equipment in proper adjustment  
will help to keep it operating efficiently and  
economically.

### BE SAFE

It pays to be careful,  
It costs to be careless!



**John Deere 30 Combine—PTO-Driven Grain Tank Machine**



**John Deere 30 Combine—Engine-Driven Grain Tank Machine with Hydraulic Remote Cylinder**

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