

## JOHN DEERE 95H COMBINES



### **OPERATORS MANUAL**

JOHN DEERE 95H COMBINES

OMH60253 C5 English

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LITHO IN THE U.S.A.
ENGLISH



#### TO THE PURCHASER

The 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. If your combine requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere Parts—accept no substitutes.

#### ATTACHMENTS

In addition to the equipment furnished with your combine, there are attachments available to help you do a better job of combining in a special crop or condition. These attachments, illustrated and described in the Attachment section, are 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.''

#### SERIAL NUMBERS

Your combine, cutting platform, axle, and engine have serial numbers.

When ordering parts, always bring with you 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. For your convenience a space is provided below for recording these numbers.

The combine serial number is on a plate located on the support bracket at the rear end of the fuel tank.

The engine serial number is on a plate located between the distributor and generator.

The axle serial number is on the top, left-hand end of the axle tube.

The cutting platform serial number is located on the right-hand side sheet.

Combine Serial No.	
Engine Serial No.	<u> </u>
Axle Serial No.	
Cutting Platform Serial No.	
Date Purchased	

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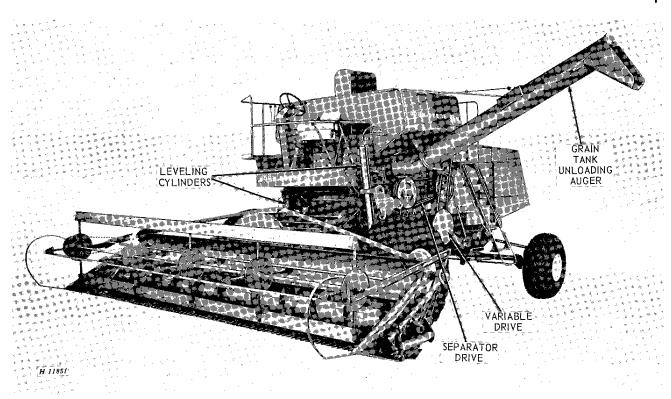
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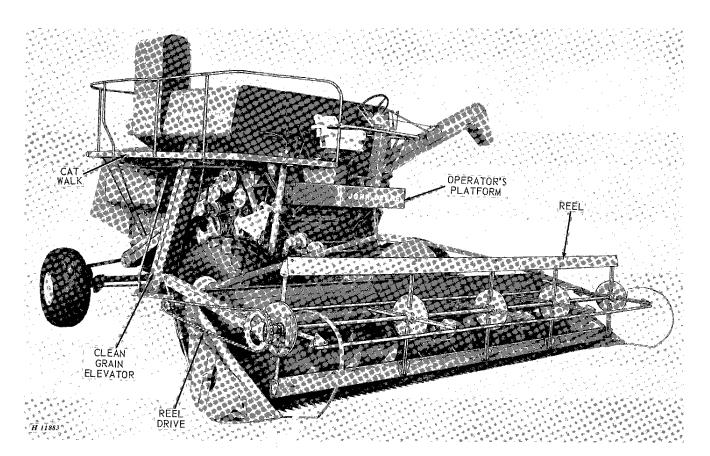
Operator's Manual Price



# **SPECIFICATIONS**

CUTTER BAR Width of cut	CLEANING FAN Type 5-bladed undershot Drive V-belt
Type of knife sections Heavy-duty overserrated	Speed range 602 rpm to 858 rpm
REEL	CHAFFER
Drive	Type       Adjustable         Width       38-1/2-in.         Length—with extensions       60-3/4-in.         Area       2,337 sq. in.
Speed range 19.1 rpm to 50.5 rpm	, •
CUTTING PLATFORM	SIEVE Type Adjustable
Type of feed Auger Range of cutting height:	Width
With 23.1-26 tires 2-5/8-in. below wheel level to 28-5/8-in. above	Area 1,734 sq. in.
With 26.5-25 tires 2-1/4-in, below wheel level to 33-7/8-in, above.	CHAFFER EXTENSION  Type adjustable
Height control 2 hydraulic cylinders	Width       38-1/2-in         Length       12 in
CUTTING PLATFORM AUGER	Area
Diameter	TOTAL CLEANING AREA OF CHAFFER, SIEVE, AND CHAFFER EXTENSION 4,071 sq. in.
CYLINDER	STRAW WALKERS
Type Rasp-bar or spike-tooth Width	Number         Four           Width         9-1/2 in           Length—with pans extended         123 in           Area         4,920 sq. in           Number of steps         Five           Drive         V-belt
five 20-tooth bars)  Drive Roller chain  Speed range 196 rpm to 1190 rpm	Bearings Oil-soaked maple Extension pans One on each walker
CONCAVE	GRAIN TANK
Type 12-bar open type or spike-tooth type Width	Capacity 80-bushel, approx. (Type and condition of crop will determine actual volume)
NOTE: Open type concave is equipped with adjustable bottom cover plates.	Type of unloading Hinged auger
	BRAKES
BEATER (Behind the cylinder)  Type Drum (Spike-tooth type with removable covers)	Type Individual, mechanical disk-type
Width	TRANSMISSION Automotive-4 speeds forward, 1 reverse
-	STEERING Full power
SEPARATOR Type Grain conveyor, straw walker	LEVELING MECHANISM
Width	Type Automatic — electrically
Length of separating surface. 140-in. (Straw walker pans	activated-hydraulical-
extended) Area of separating surface 5,600 sq. in.	ly controlled—can be activated manually  Maximum degree of leveling 0 to 42%
on the governor	WEIGHT
GRAIN CONVEYOR  Type Slat	Combine with 16-ft. cutting platform and 23.1-26 tires 13,800 lbs. (Approx.)
Drive Chain (CA550 roller)	DIMENSIONS See page 4.





WHEEL TREAD DIMENSIONS		
Tire Size	Center-to-Center	
23.1-26	112 inches	
26.5-25	115-1/2 inches	
18.4-16A	106 inches	

TIRE INFLATION CHART			
Tire Size	Ply Rating	Pressure	
18.4-16A (Low profile)	6	10 lbs.	
23.1-26 (Low profile)	10	18 lbs.	
26.5-25 (Low profile)	12	16 lbs.	

#### SELECTIVE GROUND SPEED CONTROL RANGE

23.1-26 TI	RES		26.5-25 TH	RES	
	(Min.)	(Max.)		(Min.)	(Max.)
1st Gear	.7 to	1.6 mph	1st Gear	.8 to	1.8 mph
2nd Gear	1.5 to	3.3 mph	2nd Gear	1.6 to	3.7 mph
3rd Gear	2.9 to	6.5 mph	3rd Gear	3.3 to	7.4 mph
4th Gear	5.8 to	13.1 mph	4th Gear	6.6 to	14.8 mph
Reverse	2.0 to	4.5 mph	Reverse	2.3 to	5.1 mph

#### ENGINE

Make of engine
Valve arrangement Valve-in-head (Rotators on exhaust valves)
Valve clearance:       0.12-in. (cold)         Intake

Make of carburetor Zenith (Dual down draft Distributor setting	2-in.
Size	5-in. ries) type
CAPACITIES (Approx.)	
Fuel tank       60 U.S. ga         Cooling system (Radiator)       6 U.S. ga         Engine crankcase       4 U.S. qa         Automatic leveling unit	llons
(Including hydraulic oil lines and cylinders)	uarts
(Including lines and cylinders) 12 U.S. q	uarts

<sup>\*</sup>Calculated at 60° F. and 29.92 of Hg. at sea level.

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