

JOHN DEERE 95H COMBINE



OPERATORS MANUAL

JOHN DEERE 95H COMBINE

OMH65683 B9 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.''

WARRANTY INFORMATION

Information concerning warranty on this combine appears on your copy of the Purchase Order which you should have received from your dealer when the combine was delivered to you.

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 above the starter.

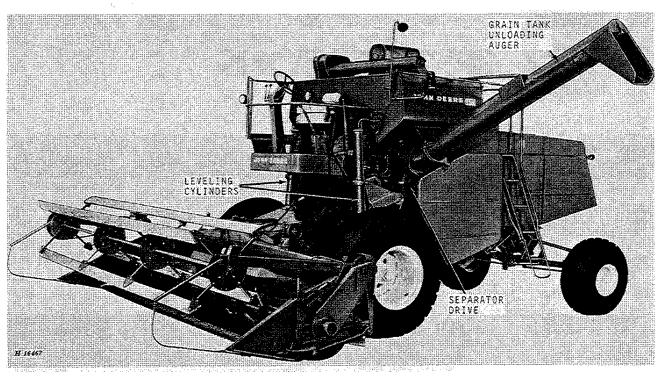
The axle serial number is on the top, lefthand side of the leveling beam support.

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

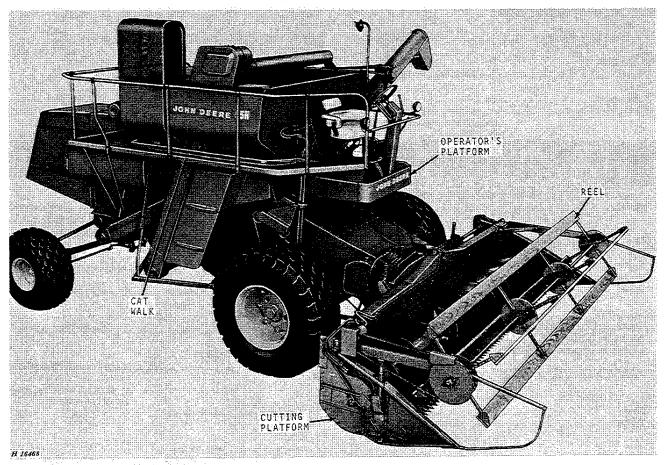
Combine Serial No. ______ Engine Serial No. ______ Axle Serial No. ______ Cutting Platform Serial No. ______ Date Purchased ______

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SPECIFICATIONS

 $\mathbb{P}^{n} \in \mathbb{N}$

CUTTER BAR Width of cut
REEL Drive Chain Number of slats 4 regular 3, 6, or 8 special Diameter of reel 30-in., 32-in. or 40-in. Speed range Regular 8 rpm to 64 rpm Pick up 5 rpm to 40 rpm
CUTTING PLATFORM Type of feed Auger Range of cutting height: With 23.1-26 tires 2-5/8-in. below wheel level to 28-5/8-in, above
With 26.5-25 tires 1-in. below wheel level to 33-7/8-in. above. Height control 2 hydraulic cylinders
CUTTING PLATFORM AUGER Diameter
CYLINDER TypeRasp-bar or spike-tooth Width
Drive Roller chain Speed range 196 rpm to 1190 rpm
CONCAVE Type 12-bar open type or spike-tooth type Width
BEATER (Behind the cylinder) Type Drum (Spike-tooth type with removable covers) Width 40-in. Diameter 12-in. Speed 680 rpm
SEPARATOR TypeGrain conveyor, straw walker Width40-in. Length of separating surface. 140-in. (Straw walker pans extended) Area of separating surface
GRAIN CONVEYOR Type

CLEANING FAN

Type 5-bladed undershot
Drive Variable speed, V-belt
Speed range 400 rpm to 1000 rpm

CHAFFER

Туре	Adjustable
Width	38-1/2 in.
Length—with extension	60-3/4 in.
Area	,337 sq. in.

CHAFFER EXTENSION

Type	Adjustable
Width	
Area	

SIEVE

Туре	
Width	38-1/2-in.
Length	
Area 1	,734 sq. in.

TOTAL CLEANING AREA OF CHAFFER,

SIEVE, AND CHAFFER EXTENSION. 4,071 sq. in.

STRAW WALKERS

Number
Width
Length-with pans extended 123 in.
Area 4,920 sq. in.
Number of steps Five
Drive V-belt
Bearings Oil soaked maple
Extension pans One on each walker

GRAIN TANK

Capacity.... 80-bushel, approx. (Type and condition of crop will determine actual volume) Type of unloading..... Hinged auger

BRAKES

Туре	Individual,	mechanical	disk-type
------	-------------	------------	-----------

TRANSMISSION. . . . Automotive-4 speeds forward, 1 reverse

STEERING Full power

STEERING
LEVELING MECHANISM
Type Automatic -electrically
activated-hydraulical-
ly controlled—can be
activated manually
Maximum degree of leveling 42%
WEIGHT
Combine with 18-ft, cutting

Combine with 18-it, cutting	
platform and 23.1-26 tires	15,8451bs. (Approx.)
DIMENSIONS	See page 4.

Specifications 3

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

CAPACITIES (APPROX.)

Fuel tank 40 U.S. gallons-diesel 60 U.S. gallons-gaso-
line
Cooling system
Engine crankcase 10 U.S. quarts
Transmission
Final drives (2) $\ldots \ldots \ldots 4-1/2$ U.S. pints each
Hydraulic system reservoir 12 U.S. quarts
Automatic leveling system hydraulic
reservoir
Variable speed reel oil reservoir 15 U.S. quarts

GASOLINE ENGINE

Make and model of engine John Deere HC303G
Bore
Stroke
Brake horse power
Number of cylinders 6
Piston displacement
Maximum load speed 2500 rpm
Firing order
Crankcase Cast integral with
block
Type of lubrication Force feed by gear
pump
Valve arrangement Valve in head
Valve clearance:
Intake
Exhaust
Make of governor John Deere
Make of carburetor Marvel-Schebler
Air cleaner
Spark Plug Size 14 mm-gap .025-in.
Electrical system
Make of batteries John Deere
Cooling system Water pressure
Type of fuel Gasoline (regular)
Oil filter

TIRE INFLATION CHART			
Tire Size	Ply Rating	Air Pressure	
18.4-16A (Low profile)	6	10 psi	
23.1-26 (Low profile)	10	22 psi	
26.5-25 (Low profile)	12	16 psi	

DIESEL ENGINE

Make and model of engine	
Bore	
Stroke	4.33 in.
Brake horse power	
Number of cylinders	6
Piston displacement	303 cu. in.
Maximum load speed	2500 rpm
Firing order	
Crankcase	Cast integral with
	block
Type of lubrication	. Force feed by gear
	pump
Valve arrangement	Valve in head
Valve clearance:	
Intake	
Exhaust	
Make of injection pump	
Make of fuel injection nozzles	
Air cleaner	
Electrical system	12 volt
Make of batteries	
Cooling system	Water pressure
Type of fuel	
	Diesel fuel
Oil filter	Full flow

*Factory observed at 85°F. and 29.38 in. Hg. at 500 ft. above sea level.

(Specifications and design subject to change without notice.)

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