

95H COMBINES



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OMH91064 C4 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.

Timing gear 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.

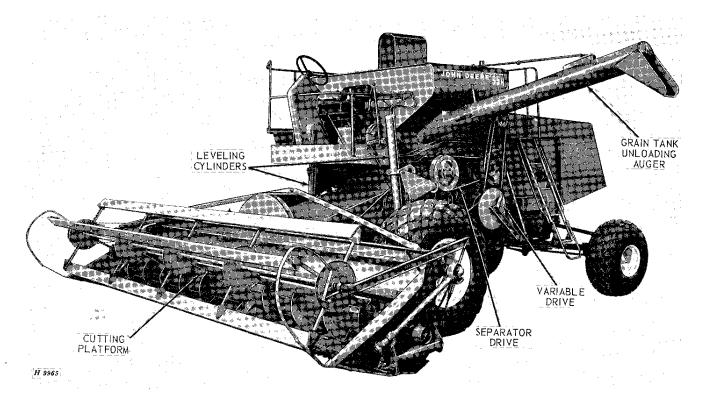
The axle serial number is on the top, lefthand end of the axle tube.

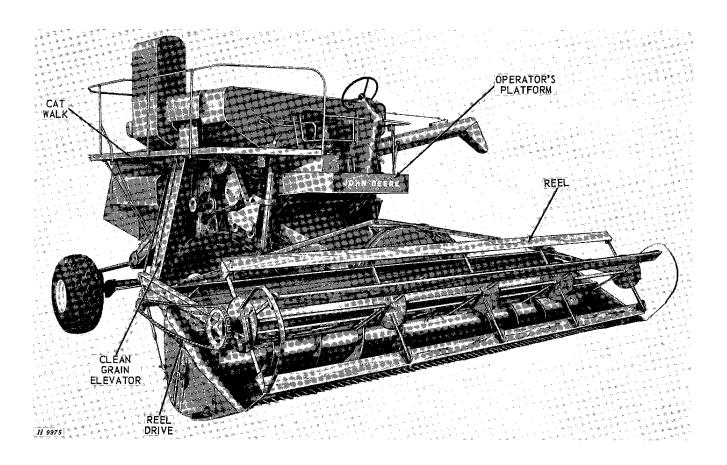
The feeder house serial number is located on the right-hand side sheet.

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

Cambina Sovial Na

| Combine ochas [10. | |
|----------------------------------|-----------|
| Engine Serial No. | |
| Axte Serial No. | |
| Cutting Platform Serial No. | ÷ |
| Date Purchased | |
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SPECIFICATIONS

| CUTTER BAR | CLEANING FAN |
|--|---|
| Width of cut 16-ft. or 18-ft. | Type 5-bladed undershot |
| Length of cutter bar 6 inches less than width of cut | Drive |
| Type of knife sections Heavy-duty overserrated | Speed range 602 rpm to 858 rpm |
| REEL | CHAFFER |
| Drive | Type . Adjustable, No. 2 No-Choke, or Petersen Adjustable |
| Number of slats 4 regular | Width |
| 3, 6, or 8 special | Length—with extensions 60-3/4-in. |
| Diameter of reel 32-in. or 40-in. | Area |
| Speed range 19.1 rpm to 50.5 rpm | • |
| bpood range / free free free free free free free f | SIEVE |
| CUTTING PLATFORM | Type Adjustable |
| Type of feed Auger | Width |
| Range of cutting height: | Length |
| With 23.1-26 tires 2-5/8-in. below wheel level | Area 1,734 sq. in. |
| to 28-5/8-in. above | |
| With 26.5-25 tires 2-1/4-in. above wheel level | CHAFFER EXTENSION |
| to 33-7/8-m. above. | Type adjustable |
| Height control 2 hydraulic cylinders | Width |
| • • | Length |
| CUTTING PLATFORM AUGER | Area |
| Diameter | |
| Diameter of auger tube 10-in. | TOTAL CLEANING AREA OF CHAFFER, |
| Type of auger fingers Round retracting | SIEVE, AND CHAFFER EXTENSION 4,071 sq. in. |
| | |
| CYLINDER | STRAW WALKERS |
| Type Rasp-bar or spike-tooth | Number Four |
| Width | Width |
| Diameter | Length—with pans extended |
| Number of bars 8 rasp-bars or 10 spike-tooth | Number of steps Five |
| bars (five 19-tooth bars and | Drive |
| five 20-tooth bars) | Bearings Oil-soaked maple |
| Drive Roller chain | Extension pans One on each walker |
| Speed range 196 rpm to 1190 rpm | Extension pans One on cach warner |
| CONCAVE | GRAIN TANK |
| Type 12-bar open type or spike-tooth type | Capacity 60-bushel, approx. (Type and condition of |
| Width | crop will determine actual volume) |
| | |
| NOTE: Open type concave is equipped with adjustable | Type of unloading Hinged auger |
| bottom cover plates. | |
| | BRAKES |
| BEATER (Behind the cylinder) | Type Individual, mechanical disk-type |
| Type Drum (Spike-tooth type with removable covers) Width | TREADING AND |
| Diameter | TRANSMISSION Automotive—4 speeds forward, 1 reverse |
| Speed | reverse |
| Speed | STEERING Power (Hydraulically-assisted) |
| SEPARATOR | STEERING Fower (Hydraumcany-assisted) |
| Type Grain conveyor, straw walker | LEVELING MECHANISM |
| Width | Type Automatic — electrically |
| Length of separating surface. 140-in. (Straw walker pans | activated-hydraulical- |
| extended) | ly controlled—can be |
| Area of separating surface 5,600 sq. in. | activated manually |
| | Maximum degree of leveling 0 to 42% |
| GRAIN CONVEYOR | |
| | WEIGHT |
| Type | Combine with 16-ft. cutting |
| Type | |

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 TI | 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 John Deere—HB 248-G Bore 3-7/8-in. Stroke 3-1/2-in. Brake horsepower 95* |
|---|
| Number of cylinders 6 |
| Piston displacement 247.67 cu. in. |
| Maximum load speed 2,500 rpm |
| Firing order 1-5-3-6-2-4 |
| Crankcase Cast integral with block |
| Type of lubrication Force-feed by gear pump to all connecting rods, main bearings, governor, oil pump drive. Oil strainer in bottom of pan. |
| Valve arrangement Valve-in-head (Rotators on exhaust valves) |
| Valve clearance: |
| Intake 0.12-in. (cold) Exhaust 0.18-in. (cold) |
| Make of governor Pierce |

| Make of carburetor Zenith (Dual down draft type) Distributor setting |
|--|
| Size |
| Gap |
| Electrical system 12-volt (Two 6-volt batteries) |
| Cooling system Water pressure type |
| Type of fuel Gasoline (regular grade) |
| |
| CAPACITIES (Approx.) |
| P .1 |
| Fuel tank 60 U.S. gallons |
| Cooling system (Radiator) 6 U.S. gallons |
| Engine crankcase 4 U.S. quarts |
| Air cleaner 1 U.S. quart |
| Automatic leveling, |
| Cutting platform lift, and variable speed |
| hydraulic unit (Including hydraulic oil |
| lines and cylinders) 20 U.S. quarts |
| Power steering |
| Hydraulic unit (Including hydraulic oil |
| lines and cylinders) 2 U.S. quarts |

^{*}Calculated at 60° F. and 29.92 of Hg. at sea level.

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