

8020 DIESEL TRACTOR



JOHN DEERE

OPERATORS MANUAL

8020
DIESEL TRACTOR

OMR37261 B4 English

JOHN DEERE TRACTOR WORKS
OMR37261 B4

LITHO IN THE U.S.A.
ENGLISH



TO THE PURCHASER

Your new John Deere 8020 Tractor is a powerful, versatile, heavyweight performer. Built to the traditionally high standards of John Deere, this tractor will handle large-capacity tools in the toughest field conditions at high speed and with unequalled economy. Added to the tractor's tremendous capacity for work are such modern features as four-wheel drive, power steering, air brakes, heavy-duty hydraulic clutch, "on the go" gear shifting within ranges, and oscillating front and rear sections which enable the tractor to cross over rough ground and cling to hillsides with great stability. New operating ease and comfort, hydraulic power when and where you need it, the ability to match engine power and transmission speed to any job, outstanding dependability, and simplicity of lubrication and service are all in this great new tractor.

When used with equally advanced John Deere tools and implements, your 8020 will deliver all the power you need for better, easier, and more profitable farming.

At the time the tractor was delivered, the John Deere dealer discussed with you its safe operation and proper care. However, before putting the tractor to work, read this manual. It contains complete instructions for operating the tractor, caring for it, and taking full advan-

tage of its many time and labor-saving features. After reading the manual, keep it in a convenient place for quick and easy reference if questions arise concerning operation, lubrication, or service.

The service policy which you received with your new tractor certifies that the tractor 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 new tractor. His skilled servicemen can handle every job efficiently. These men are trained in modern service methods and have all necessary tools and equipment.

When in need of parts, be prepared to furnish your dealer with the serial number of the tractor and the serial number of the engine or other component for which parts are required. This information will help the dealer give you quick, efficient service.

The tractor serial number plate is located on the left-hand side of the front section (bogie). The serial number of the engine is located on the right-hand side of the valve rocker arm cover. Serial numbers of other components are prominently displayed.





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SPECIFICATIONS

POWER

Engine horsepower More than 200 h.p.
 Drawbar pull Approx. 22,000 lbs.

Displacement 425 cu. in.
 Compression ratio 17 to 1
 Rated speed 2100 rpm

SPEEDS

1st 2-7/8 mph
 2nd 3-7/8 mph
 3rd 5 mph
 4th 6-1/3 mph
 5th 8-1/8 mph
 6th 11 mph
 7th 14 mph
 8th 18 mph
 Low reverse 1-7/8 mph
 High reverse 5-5/8 mph

CAPACITIES (U.S. MEASUREMENTS)

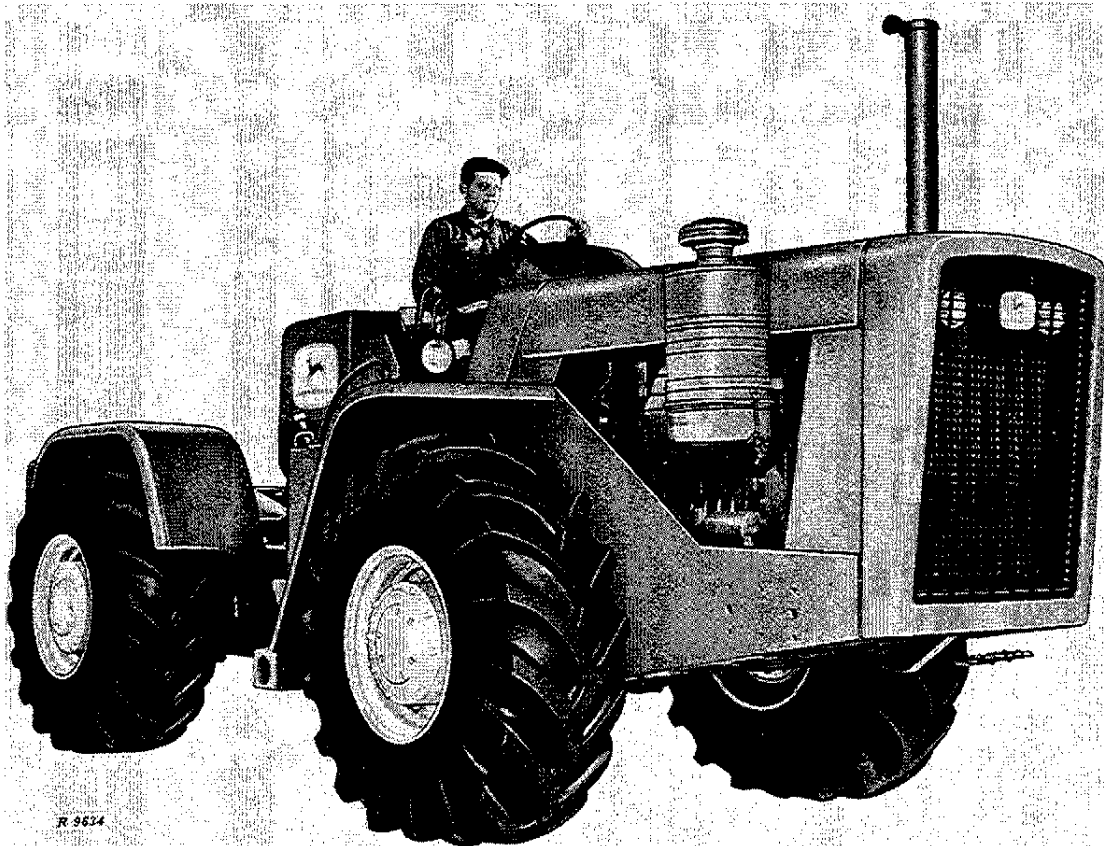
Fuel tank 106 gals.
 Hydraulic system 25 gals.
 Cooling system 12 gals.
 Crankcase 4.5 gals.
 Clutch-transmission oil
 reservoir 15 gals.
 Axle housing and planetary 7 gals.
 Oil bath air cleaner 1.6 gals.

ENGINE GM 2-cycle, 6-cylinder
 Bore 4.25 in.
 Stroke 5.00 in.

ELECTRICAL SYSTEM

Starting 24 volts
 Lights and accessories 12 volts

FUEL SYSTEM Recirculating bleed type with
 full-flow strainer and filter



R 9824

John Deere 8020 Diesel Tractor, Right-Hand Side View

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