



# 3010 Row-Crop Utility LP-Gas Tractor



JOHN DEERE

## OPERATORS MANUAL

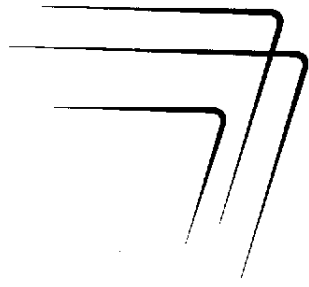
3010 Row-Crop  
Utility LP-Gas Tractor

OMR28875 I0 English

John Deere Tractor Works  
OMR28875 I0

LITHO IN U.S.A.  
ENGLISH





*a*  
**NEW  
GENERATION  
of power**

Your new John Deere Tractor is an entirely new concept of farm power. Developed through years of design and test, built to the traditionally high standards of John Deere, this versatile tractor meets the exacting requirements of modern farming.

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 economy and dependability, modern styling, and simplicity of lubrication and service are all in this great new tractor.

We are confident this modern tractor, combined with equally advanced John Deere tools and implements, will help you to farm better, easier, and more profitably.

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 advantage 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.

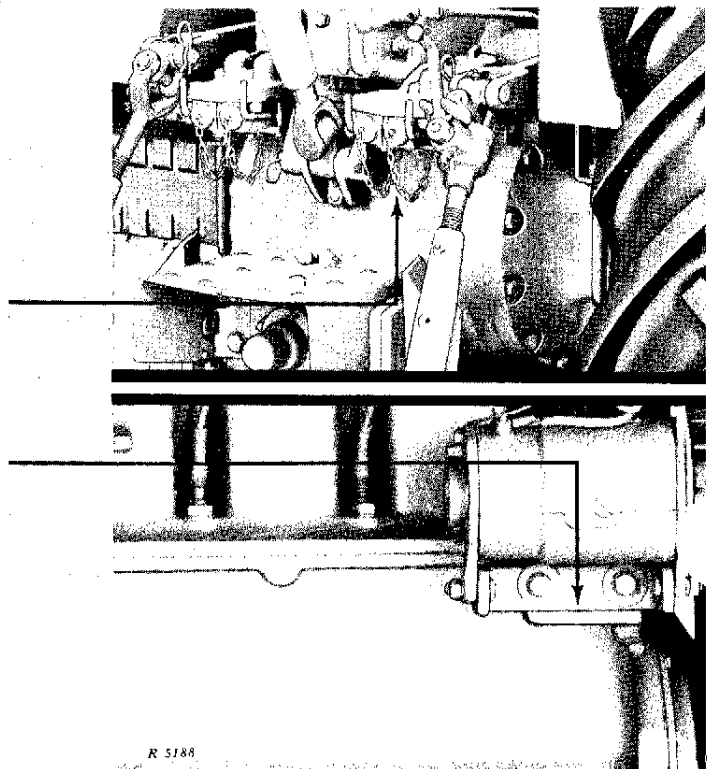
Your John Deere dealer wants to help you get the most value from your new tractor. His skilled servicemen can handle every job efficiently. These men are trained in modern service methods; they have all necessary tools and equipment. If new parts are needed, only genuine John Deere parts will be installed. These parts are exact duplicates of the originals, made from the same patterns and of the same high-quality materials.

When in need of new parts, be prepared to furnish your dealer with the engine serial number, the tractor chassis serial number, and the tractor model number. The location of the serial numbers is illustrated below. For ready reference, record the numbers in the spaces provided.

**FILL IN THESE SPACES**

**CHASSIS SERIAL NUMBER**

**ENGINE SERIAL NUMBER**





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# specifications

## HORSEPOWER:\*

PTO .....	55.39 hp
Drawbar .....	49.22 hp

## ENGINE:

Type .....	4-cylinder, in-line, valve-in-head
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## Engine speeds:

Idle for engine shut-off .....	450 rpm
Normal slow idle .....	600 rpm
Working range .....	1500 to 2200 rpm
Transport speeds .....	Up to 2500 rpm
PTO operating speed .....	1900 rpm
Bore and stroke .....	4 in. x 4 in.
Displacement .....	201 cu. in.
Compression ratio .....	9 to 1
Firing order .....	1-3-4-2
Valve clearance .....	0.015 in. intake 0.028 in. exhaust

## GROUND SPEEDS:\*\*

1st .....	1-3/4 mph
2nd .....	2-1/2 mph
3rd .....	3-1/4 mph
4th .....	4-1/4 mph
5th .....	5-1/4 mph
6th .....	7 mph
7th .....	8-3/4 mph
8th .....	14-1/2 mph
3rd reverse .....	3-1/4 mph
5th reverse .....	5 mph
7th reverse .....	8-1/2 mph

## CAPACITIES:

Fuel tank .....	25 U.S. gals.
Crankcase .....	8 U.S. qts.

## Transmission-hydraulic

system .....	9-1/2 U.S. gals.
Air cleaner .....	2-1/4 U.S. pints
Cooling system .....	16 U.S. qts.
Belt pulley .....	2-1/2 U.S. pints

## CLUTCH: .....

Single, 11-in. plate,  
motive-type, foot-op  
Force-feed pressu  
type with full-flow oil

## LUBRICATION SYSTEM: ...

## FUEL SYSTEM:

Carburetor .....	Single barrel, updra
Air cleaner .....	Oil-wash type

## COOLING SYSTEM:

Type .....	Pressurized with ce ugal pump
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Engine temperature con-  
trol .....

Heavy-duty thermos:

## IGNITION SYSTEM:

Distributor point gap .....	0.022 in.
Distributor timing .....	25 degrees BTDC a rpm

## Spark plugs:

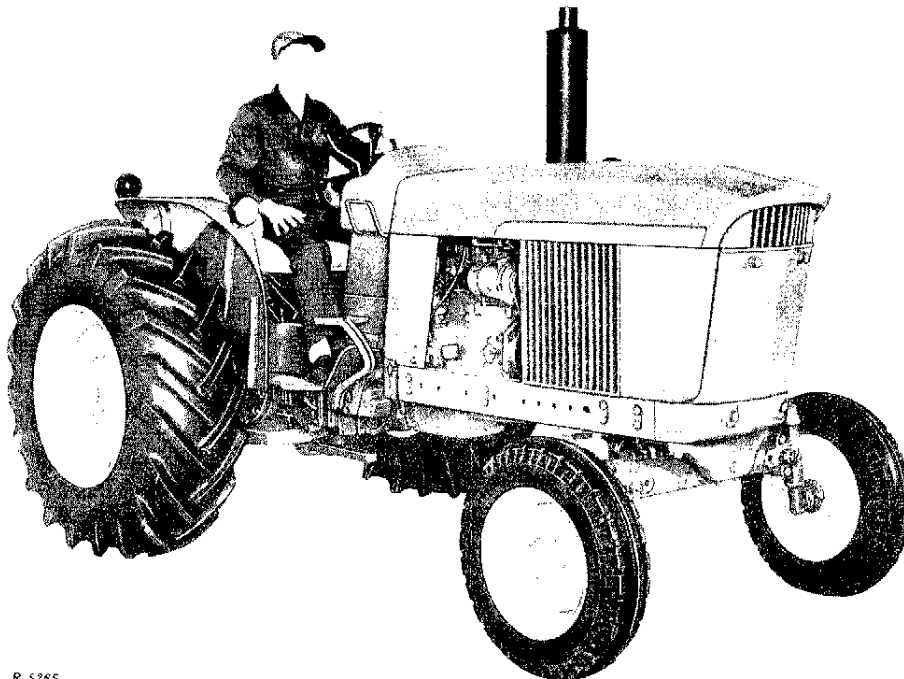
Size .....	18 mm.
Spark plug gap .....	0.015 in.

## ELECTRICAL SYSTEM:

Starter, generator .....	12 volts
Lights, accessories .....	12 volts
Battery .....	70-ampere-hour, SAI agricultural type

\*Maximum observed horsepower at 2200 engine rpm (Nebraska Test No. 764).

\*\*Calculated at 1900 rpm engine speed only. For ground speeds at 1500 through 2500 rpm engine speeds, see page 11.



R 5265

John Deere 3010 Row-Crop Utility LP-Gas Tractor with long wheelbase



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