

3010 Row-Crop Utility LP-Gas Tractor



OPERATORS MANUAL

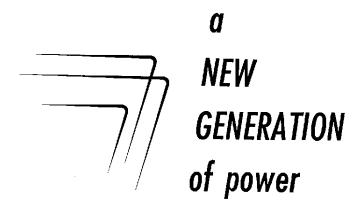
3010 Row-Crop Utility LP-Gas Tractor

OMR28875 IO English

John Deere Tractor Works OMR28875 I0

> LITHO IN U.S.A. ENGLISH





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.

FILL IN THESE SPACES

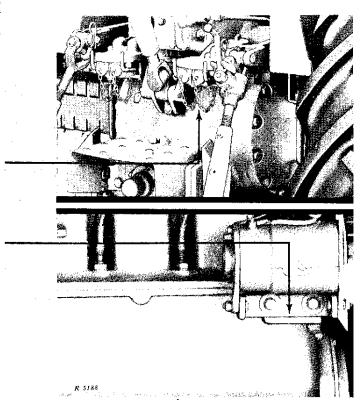
CHASSIS SERIAL NUMBER

ENGINE SERIAL NUMBER

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.





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lubrication and

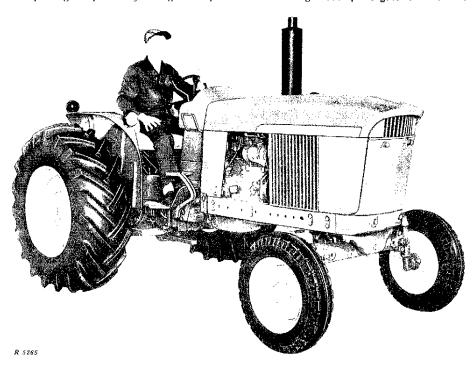


specifications

HORSEPOWER:*	CAPACITIES:
PTO	Fuel tank 25 U.S. gals.
Drawbar	Crankcase 8 U.S. qts.
ENGINE:	Transmission-hydraulic
Type 4-cylinder, in-line,	system 9-1/2 U.S. gals.
valve-in-head	Air cleaner 2-1/4 U.S. pints
Engine speeds:	Cooling system 16 U.S. qts.
Idle for engine shut-off 450 rpm	Belt pulley 2-1/2 U.S. pints
Normal slow idle 600 rpm	CLUTCH: Single, 11-in. plate,
Working range 1500 to 2200 rpm	• ,
Transport speeds Up to 2500 rpm	motive-type, foot-op LUBRICATION SYSTEM: Force-feed pressu
PTO operating speed 1900 rpm	probb.
Bore and stroke 4 in. x 4 in.	type with full-flow oil
Displacement 201 cu. in.	FUEL SYSTEM:
Compression ratio 9 to 1	Carburetor Single barrel, updra
Firing order	Air cleaner Oil-wash type
Valve elearance 0.015 in. intake	COOLING SYSTEM:
0.028 in. exhaust	Type Pressurized with ce
	ugal pump
GROUND SPEEDS: **	Engine temperature con-
1st	trol Heavy-duty thermos:
2nd	IGNITION SYSTEM:
3rd	Distributor point gap 0.022 in.
4th	Distributor timing 25 degrees BTDC a
5th	G
6th	rpm Spark plugs:
7th	Size 18 mm.
8th	
3rd reverse	Spark plug gap 0.015 in.
5th reverse 5 mph	ELECTRICAL SYSTEM:
7th reverse 8-1/2 mph	Starter, generator 12 volts
	Lights, accessories 12 volts
	Battery

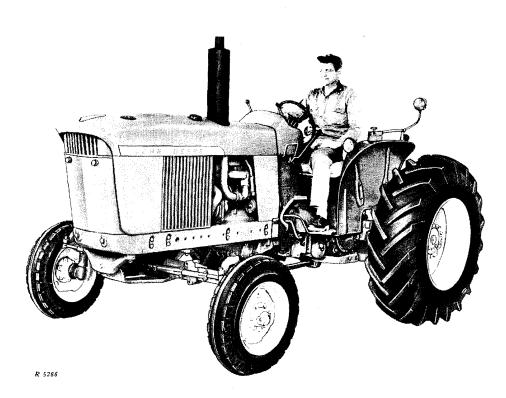
*Maximum observed horsepower at 2200 engine rpm (Nebraska Test No. 764).

**Calculated at 1900 rpm engine speed only. For ground speeds at 1500 through 2500 rpm engine speeds, see page 14.



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

TRANSMISSION:		PTO CLUTCH: Single 10-in. plate, au-
Type	Syncro-Range, constant mesh	tomotive type, hand- operated
Gear selections	8 forward and 3 reverse 4 stations, synchronized shifting within sta- tions	BELT PULLEY (SPECIAL EQUIPMENT): Diameter
HYDRAULIC SYSTEM: Type	pressure. Includes	Engine speed
	power steering, pow- er brakes, implement control, and trans-	FRONT TIRES: Size 6.50 - 16, 6-ply 7.50 - 16, 6-ply
Maximum pressure	mission differential lubrication 2250 psi	REAR TIRES: Size
BRAKES:	Hydraulically power ac- tuated, disk-type, op- erating in oil	FRONT WHEEL TREAD: Fixed tread front axle 55-1/2 and 60-3/4 in.
POWER TAKE-OFF: Type	Independent, dual-speed PTO shaft with front and rear power take- off. Rear stub shafts for PTO speed con- version	Adjustable tread front axle 50 to 79-1/4 in. REAR WHEEL TREAD: Regular 24 in. wheels 62 and 78 in. Regular 28 in. wheels 60 and 80 in. Power-adjusted 24 in. wheels 58 to 80 in. Power-adjusted 28 in. wheels 56 to 80 in. DIMENSIONS:
PTO speed (at 1900 engine rpm)	Front PTO - 1000 rpm Rear PTO - 540 or 1000 rpm	Wheel base
Rear PTO ahead of drawbar hitch point	540 rpm - 14 in.; 1000 rpm - 16 in.	Height to steering wheel 64-1/2 in. Width (with regular axle) 73-3/4 in. Clearance 17-7/16 in. Turning radius 120 in.
PTO shaft above ground	18-1/2 in.	SHIPPING WEIGHT:



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

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