

# John Deere 3010



1961 - 1963 New Generation Series

Row-Crop tractor

Next model: [John Deere 3020](#)

Series next: [John Deere 4010](#)

Series back: [John Deere 2010](#)

The John Deere 3010 was available in row-crop, row-crop utility, standard, and orchard versions.

## Production:

Manufacturer:	John Deere
Factory:	Waterloo, Iowa, USA Mexico
Total built:	44,000
Original price (USD)	
	\$4,700 (1963 )

## Variants:

3010:	ag tractor
3010 Wheel:	industrial tractor

## John Deere 3010 Engines:

John Deere 3.3L 4-cyl gasoline

John Deere 3.3L 4-cyl LP gas

John Deere 4.2L 4-cyl diesel

[full engine details ...](#)

## Capacity:

Fuel:	29 gal [109.8 L]
Hydraulic system:	9.5 gal [36.0 L]

## 3-Point Hitch:

Rear Type:	II
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## Power Take-off (PTO):

Rear PTO:	independent
Rear RPM:	540, 1000

## Dimensions & Tires:

Wheelbase:	90 inches [228 cm]
Weight:	6,500 lbs [2948 kg]
Front tire:	9.00-18
Rear tire:	16.9-24

[full dimensions and tires ...](#)

## 3010 Serial Numbers:

Location:	Rear of transmission case
1961:	1000
1962:	19801
1963:	32400

## John Deere 3010 Power:

Drawbar (claimed):	52.0 hp [38.8 kW]
PTO (claimed):	55.09 hp [41.1 kW]
Plows:	4
Drawbar (tested):	52.77 hp [39.4 kW]
PTO (tested):	59.44 hp [44.3 kW]

## Mechanical:

Chassis:	4x2 2WD
Steering:	power
Brakes:	differential hydraulic wet disc
Cab:	Open operator station

## Hydraulics:

Type:	closed center
Capacity:	9.5 gal [36.0 L]
Pressure:	2250 psi [155.1 bar]
Valves:	2

## Electrical:

Ground:	positive (12V) floating (24V)
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## Battery:

Gas/LP Number:	2
Diesel Number:	4
Volts:	6

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Contact:	<a href="mailto:Peter@TractorData.com">Peter@TractorData.com</a>

# John Deere 3010 - engine



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## Engine Detail:

John Deere

gasoline

4-cylinder

liquid-cooled

201 ci [3.3 L]

Bore/Stroke: 4.00x4.00 inches [102 x 102 mm]

Air cleaner: oil bath

Compression: 7.5:1

Rated RPM: 2200

Starter volts: 12

## Engine Detail:

John Deere

LP gas

4-cylinder

liquid-cooled

201 ci [3.3 L]

Bore/Stroke: 4.00x4.00 inches [102 x 102 mm]

Air cleaner: oil bath

Compression: 7:1

Rated RPM: 2200

Starter volts: 12

## Engine Detail:

John Deere

diesel

4-cylinder

liquid-cooled

254 ci [4.2 L]

Bore/Stroke: 4.125x4.75 inches [105 x 121 mm]

Air cleaner: oil bath

Compression: 16.4:1

Rated RPM: 2200

Starter volts: 24

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# John Deere 3010 - transmission



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## Transmission:

Transmission: John Deere Syncro-Range

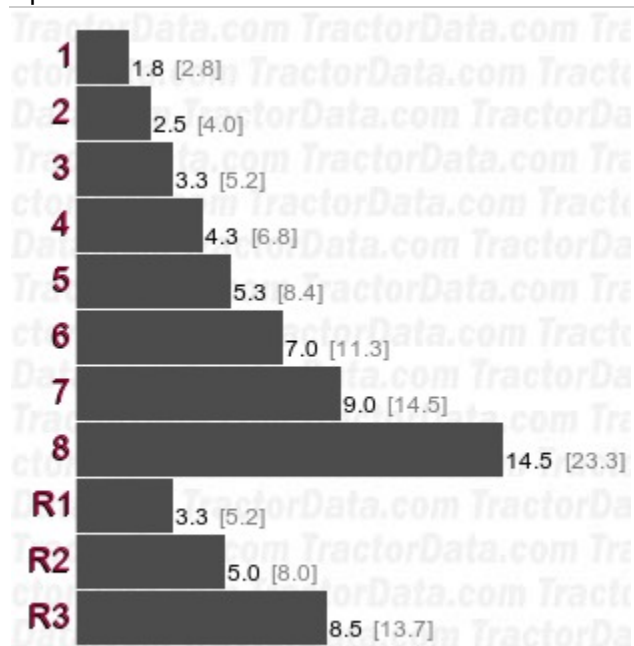
Type: partially synchronized

Gears: 8 forward and 3 reverse

Clutch: dry disc

Syncro-Range requires the tractor to be stopped and clutch depressed to select one of four shift stations. Once a station is selected the tractor can be shifted on the move between the two forward gears (and single reverse in stations 1, 2, and 3) by using the clutch.

## Speeds:



Speeds at 1900 rpm  
Miles-per-hour [kph]. Copyright TractorData.com

# John Deere 3010 - dimensions



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## John Deere 3010 Tires:

Ag front: 9.00-18

6.00-14

6.50-16

7.50-16

7.50-18

Ag rear: 16.9-24

13.6-28

13.6-30

18.4-30

12.4-36

13.9-36

## Dimensions:

Weight (operating): 6,500 lbs [2948 kg]

Wheelbase: 90 inches [228 cm]

Row-crop 48 to 80 inches 8.75 inches [22 cm]  
row-crop}

[121 to 203 cm] {row-crop} 55  
inches [139 cm] {standard} 52

to 66 inches {standard}  
[132 to 167 cm] {standard}

55.5/61 inches {row-crop  
utility}

[140/154 cm] 50 to 79 inches  
{row-crop utility}

[127 to 200 cm] {row-crop  
utility} Front tread:

Row-crop 57 to 88 inches

[144 to 223 cm] row-crop}

62 to 98 inches {row-crop}

[157 to 248 cm] {row-crop}

52 to 79 inches {standard}

[132 to 200 cm] {standard}

60/80 inches {row-crop utility}

[152/203 cm]

50 to 79 inches {row-crop  
utility}

[127 to 200 cm] {row-crop  
utility} Rear tread:

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# John Deere 3010 - tests



1961 - 1963 New Generation Series

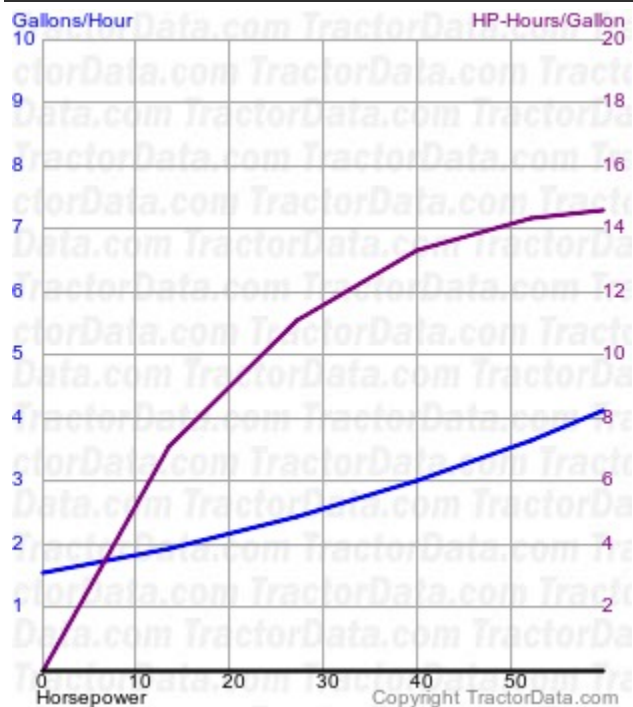
Row-Crop tractor

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## Nebraska Tractor Test 762:



Test Date: September 19 - 24, 1960

Type: Diesel 8-speed 2WD

PTO power (rated engine speed): 59.44 hp [44.3 kW]

PTO fuel use (engine speed): 4.1 gal/hour [15.5 l/hour]

PTO power (rated PTO speed): 55.29 hp [41.2 kW]

PTO fuel use (PTO speed): 3.6 gal/hour [13.6 l/hour]

Drawbar power (max): 52.77 hp [39.4 kW]

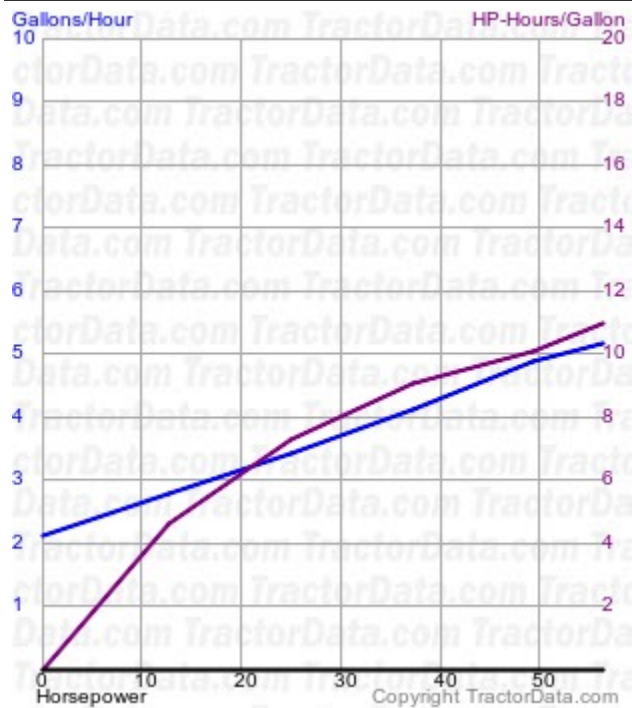
Drawbar fuel use (max): 4.1 gal/hour [15.5 l/hour]

Drawbar pull (max): 6,323 lbs [2868 kg]

Max pull gear: 6,323

Test report: [PDF file](#)

## Nebraska Tractor Test 763:



Test Date: September 24 - 28, 1960

Type: Gasoline 8-speed 2WD

PTO power (rated engine speed): 55.09 hp [41.1 kW]

PTO fuel use (engine speed): 5.1 gal/hour [19.3 l/hour]

PTO power (rated PTO speed): 50.54 hp [37.7 kW]

PTO fuel use (PTO speed): 4.8 gal/hour [18.2 l/hour]

Drawbar power (max): 50.98 hp [38.0 kW]

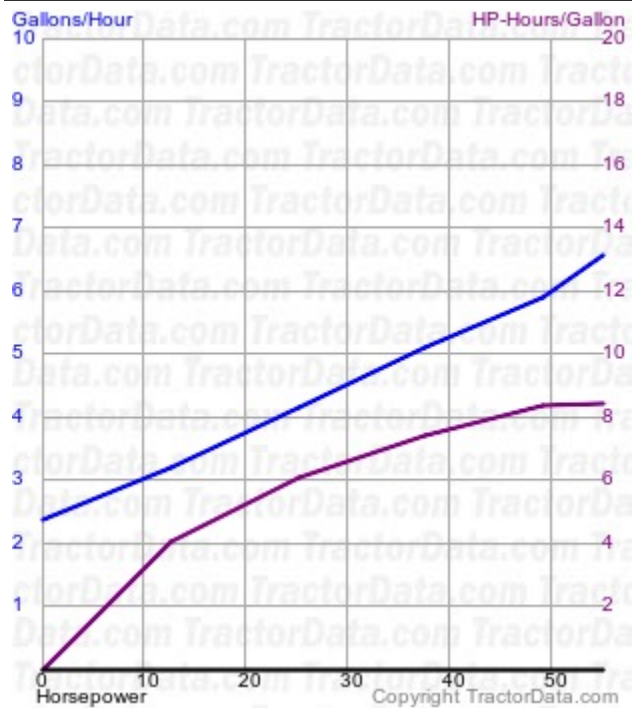
Drawbar fuel use (max): 5.2 gal/hour [19.7 l/hour]

Drawbar pull (max): 6,660 lbs [3020 kg]

Max pull gear: 2

Test report: [PDF file](#)

## Nebraska Tractor Test 764:



Test Date: September 24 - 29, 1960

Type: LP gas 8-speed 2WD

PTO power (rated engine speed): 55.39 hp [41.3 kW]

PTO fuel use (engine speed): 6.5 gal/hour [24.6 l/hour]

PTO power (rated PTO speed): 50.80 hp [37.9 kW]

PTO fuel use (PTO speed): 5.9 gal/hour [22.3 l/hour]

Drawbar power (max): 49.22 hp [36.7 kW]

Drawbar fuel use (max): 6.5 gal/hour [24.6 l/hour]

Drawbar pull (max): 6,598 lbs [2992 kg]

Max pull gear: 2

Test report: [PDF file](#)

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