

John Deere  
**5060E**  
Utility Tractor

## Key Specs

<b>Engine description</b>	John Deere PowerTech™ 3029 EWR
<b>Engine displacement</b>	3 cylinders: 2.9 L 179 cu in.
<b>Rated engine power</b>	At 2100 rpm: 45 kW 60 hp
<b>Maximum engine power</b>	45 kW 60 hp
<b>Rated PTO power (hp SAE)</b>	At 2100 rpm: OOS 34 kW (45.6 hp) Cab 32 kW (42.9 hp)
<b>Transmission type</b>	Standard: SyncShuttle™ 9F/3R Optional: PowrReverser™ 12F/12R
<b>Hydraulic pump rated output</b>	68.8 L/min 18.2 gpm
<b>Rear hitch category (SAE designation)</b>	Category 2; convertible to 1

## Engine specifications

<b>Description</b>	John Deere PowerTech™ 3029 EWR
<b>Engine type</b>	3029HPY110
<b>Engine family</b>	NJDXL02.9339
<b>Rated speed</b>	2100 rpm

<b>Aspiration</b>	Turbocharged
<b>Cylinders liners</b>	Wet sleeved
<b>Emission level</b>	Final Tier 4
<b>After treatment type</b>	DOC/EGR
<b>Displacement</b>	3 cylinders: 2.9 L 179 cu in.

## Engine performance

<b>Rated power</b>	At 2100 rpm: 45 kW 60 hp
<b>Rated PTO power (hp SAE)</b>	At 2100 rpm: OOS 34 kW (45.6 hp) Cab 32 kW (42.9 hp)
<b>Power boost</b>	0 percent
<b>Maximum engine power</b>	45 kW 60 hp
<b>Engine peak torque</b>	At 1500 rpm: 250 Nm 184 lb-ft
<b>PTO torque rise</b>	22 percent

## Transmission

<b>Type</b>	Standard: SyncShuttle™ 9F/3R Optional: PowrReverser™ 12F/12R
<b>Reverser</b>	SyncShuttle™: No PowrReverser™: Yes
<b>Clutch; wet/dry</b>	SyncShuttle™: Dry PowrReverser™: Wet
<b>Creeper</b>	Kit available for OOS SyncShuttle™ 9F/3R transmission

## Hydraulic system

**Type** Open Center

**Pump rated output** 68.8 L/min  
18.2 gpm

**Available flow at a single rear SCV** 43.1 L/min  
11.4 gpm

**Number of rear selective control valves (SCVs)** Standard: One  
Optional: Two

**Number of mid selective control valves (SCVs)** Standard: Zero  
Optional: Up to Three

**Joystick SCV control** Mechanical

## Rear hitch

**Hitch draft control load sense type** Mechanical

**Remote control valves available** Standard: One  
Optional: Two

**Hitch category (SAE designation)** Category 2; convertible to 1

**Maximum lift capacity behind lift points** 1448 kg  
3192 lb

**Sensing type** Top link

## Drawbar

**Maximum vertical load**

Road/field use (short position): 1120 kg  
2470 lb  
Field use (fully extended): 760 kg  
1675 lb

## Rear power take-off (PTO)

**Type**

SyncShuttle™: Independent 540  
PowrReverser™: Independent 540/540E

**Engine rpm (at rated PTO speeds)**

540 at 2100 rpm  
540E at 1588 rpm

**PTO actuation**

SyncShuttle™: Mechanical (lever)  
PowrReverser™: Electrohydraulic

## Rear axle

**Type**

Flange

**Final drive type**

Planetary

**Differential controls**

Mechanical (pedal)

**Brakes, type and control**

Hydraulic wet disc

## Front axle

**Type**

Standard: Two-Wheel Drive (2WD)  
Optional: Mechanical Front Wheel Drive (MFWD)

## Tires

**Rear**

2WD: 14.9-28 R1 Bias  
MFWD: 14.9-28 R1 Bias

<b>Turning radius with brakes</b>	2WD: 3.1 m 10.2 ft MFWD: 3.94 m 12.9 ft
<b>Turning radius without brakes</b>	2WD: 3.5 m 11.5 ft MFWD: 4.65 m 15.3 ft

## Electrical system

<b>Alternator size</b>	OOS: 70 amp Cab: 110 amp
<b>Battery options</b>	12 V
<b>Working lights</b>	Standard: Halogen Premium Cab: LED
<b>Type of bulb in headlight (Halogen, Zenon, LED)</b>	OOS: Halogen Cab: LED
<b>Type of bulb in beacon (Halogen, Zenon, LED)</b>	Kit: Halogen

## Operator station

<b>Rollover protective structure, OOS</b>	Rigid - foldable - telescopic Foldable, 2-post Platform - flat/straddle Straddle Gearshift location - console/floor Floor, on the side
<b>Seat</b>	Standard: Mechanical Premium Cab: Air Ride
<b>Instructional seat</b>	Optional
<b>Display</b>	Simple automotive-style instrument cluster

<b>Radio</b>	Optional
<b>dB(A) rating</b>	81 dBA

## Dimensions

<b>Wheelbase</b>	2WD and MFWD: 2050 mm 80.7 in.
<b>Overall length</b>	3639 mm 143.3 in.
<b>Approximate shipping weight, Open;Cab</b>	2WD OOS: 2470 kg 5445 lb 2WD Cab: 2939 kg 6480 lb MFWD Open: 2685 kg 5919 lb MFWD Cab: 3040 kg 6702 lb

## Capacities

<b>Fuel tank</b>	OOS: 72.5 L 19 U.S. gal. Cab: 82 L 21 U.S. gal.
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<b>Diesel exhaust fluid (DEF) tank</b>	Not Applicable
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## Miscellaneous

<b>AutoTrac ready</b>	No
<b>ISOBUS ready</b>	No
<b>Country of manufacture</b>	Sub assembly in Pune, India, Final assembly in Augusta, GA

**Date collected**

6-Jan-2023