

# 5E Utility Tractors

Choice & Confidence



JOHN DEERE



# 5E UTILITY TRACTORS

## 50-100 HP

Handle heavier-duty chores around the farm, perform multiple tasks on your property, or mow the roadside with the 5E Series.



## 3-Cylinder

### 5050E 50 Engine HP, 3-Cylinder

The 5050E is available with an open operator station (OOS) with a 9F/3R SyncShuttle™ that is perfect for property maintenance. Mow, move wagons and perform other simple tasks with the 3-cylinder 5050E.

### 5067E 67 Engine HP, 3-Cylinder

The 5067E lets you move heavier materials and perform land maintenance tasks. The 3-cylinder 5067E features premium cab, standard cab, or OOS options.

### 5060E 60 Engine hp, 3-Cylinder

Move materials, level land or gravel and handle other chores on your property with the 5060E. The 3-cylinder 5060E is available with the premium cab, standard cab, or OOS options.

### 5075E 73 Engine HP, 3-Cylinder

The 5075E is perfect for feeding cattle, moving hay bales, spreading manure and other work on a livestock or dairy farm. Choose premium cab, standard cab, or OOS options on the 3-cylinder 5075E.

## 4-Cylinder

### 5090E 90 Engine HP, 4-Cylinder

If you need to seed a feed plot or do tillage work, the 4-cylinder 5090E is perfect for you. Available in cab or OOS options.

### 5100E 100 Engine HP, 4-Cylinder

The 5100E is perfect for baling in hilly conditions and heavy-duty loader work. Available in cab or OOS options.

## 5 SERIES UTILITY TRACTORS. WHICH IS RIGHT FOR YOU?

### 5E

#### 3-Cylinder/4-Cylinder

#### 50-100 HP

If you need a simple, reliable tractor to perform a variety of tasks on your property or mow the roadside the 5E Tractors may be right for you. Available in 3- or 4-cylinder models, 9F/3R SyncShuttle, 12F/12R or 24F/12R Hi-Lo PowrReverser™ transmission options.

### 5M

#### PowrReverser™

#### 73- 118 HP

The 5M PowrReverser models feature 16F/16R and 32F/16R Hi-Lo transmission options, climate-controlled cab or OOS options and hitch lift capacity of 5,150 lbs. with an option of 5,950 lbs.

### 5M

#### PowrQuad™ PLUS/Powr8™

#### 93- 128 HP

The 5Ms feature PowrQuad PLUS or Powr8 transmission options, climate-controlled cab, AutoTrac™ and hitch lift capacity of 6,970 lbs. with an option of 7,860 lbs.



# PREMIUM CAB OFFERS PREMIUM VALUE

Now John Deere 5E 3-Cylinder models feature a premium cab option, in addition to the standard cab and open operator station (OOS) options.

## Enjoy Premium Comfort -

All operators can find the perfect driving position by raising or lowering the tilt and telescopic steering wheel, available on all 5E PowrReverser™ cabs. **#1**

The Air Ride seat adjusts for your weight, and features adjustable back rest, seat arm rests and fore/aft adjustments providing the most comfortable ride for every operator, available in the premium cab.

Open and close the rear window easier thanks to the improved grab handle, available on the 5E 3-Cylinder premium cab and the 5E 4-Cylinder cab. **#2**

Keep the rear window clean and improve visibility with the rear windshield wiper.

An instructional seat is also included in the premium cab and available as a dealer install kit on the standard cab.

A right-hand door and steps are standard on the premium cab and optional on the standard cab.

## Controls at Your Fingertips

The premium cab features ergonomic controls, including a redesigned right-hand console making the controls more intuitive and easier to use. **#3**

## Go-Home Lighting

Exit the cab and find your way home or to your truck thanks to go-home lighting available on 5E 3-Cylinder premium cab models. Simply press the button in the premium cab with the ignition key off to light your way for 30 seconds of light.

## Gain Visibility Above the Roofline

Stacking bales and loader work above the cab gets easier with increased visibility of the sunroof in the premium cab. You'll also love the ability to open the sunroof for extra ventilation on a nice day. **#4**

## Light the Night with LED Lighting

The premium cab on the 5E 3-Cylinder models feature full LED lighting on both headlights and work lights for improved visibility. Standard cabs feature LED headlights. **#5**

## Wet Clutch

You'll enjoy high-performance with less wear and tear on your gears, thanks to the wet clutch on the 5E 3-Cylinder 12F/12R PowrReverser™ models. The 5050E with the 9F/3R transmission features a dry clutch.







#2



#4



#6



#9

### ***Raise & Lower Rear Hitch with Ease***

Raise the rear hitch to transport mode and then lower it again to a set depth at the touch of a button using the Electronic Quick Raise-Lower feature. This is perfect for headland turns for tillage work and rotary cutting or picking up round bales with a rear bale fork. **#6**

### ***No Regen Required***

You'll get the same powerful, reliable engine you love, but now the 5E 3-Cylinder models can meet emission requirements with no Regen required. This makes maintenance easier, with no need for a diesel particulate filter. With no DEF fluid, DPF filter, and no Regen required, it keeps maintenance simple on the 5E 3-Cylinder models.

### ***Tire Options***

Additional flotation and traction are available with larger tire options than previous models. Choose from 2WD offerings for turf, road, or general agriculture use, as well as a variety of MFWD options to meet general use with bias tires, grass and municipality needs with turf tires, and transportation needs with radial tires. You'll find the right fit for your job and budget among our tire offerings. **#7**

### ***Open Operator Station***

You'll enjoy plenty of legroom and a comfortable and durable vinyl seat, ergonomic controls and halogen lights.

### ***Standard Cab***

Keep comfortable all year round with the climate-controlled cabs. Get great visibility for quick implement hookup due to a back window that opens 70 degrees and fuel tank tucked out of your line of sight. You'll also enjoy LED headlights, halogen work lights and a quieter ride thanks to an isolated cab and unibody design that eliminates common vibrations, squeaks and rattles. **#8**

### ***Handle Additional Hydraulic Jobs***

The new 5E 3-Cylinder models feature a true 3rd function mid-selective control valve (SCV) that allows you to handle additional hydraulic jobs. The SCV can be activated while lifting or curling to open or close the grapple at the same time, helping you move logs and debris with no diverter. You can order the 3rd function SCV from the factory or easily stack on a dual function later to fit the needs of your operation. **#9**

### ***Responsive Brakes***

Work in total confidence thanks to the highly responsive dual-stage brake system on all 5E models. **#10**



#7



#10



## Pull with Confidence

Get additional pulling power for more taxing jobs with a heavier-duty frame and larger components than many competitors.

5E TRACTORS/4-CYLINDER



### ***Cab & Open Operator Station Options***

You can choose between cab and open operator station (OOS) options for the 5E 4-Cylinders.

### ***Less Wear & Tear on Gears***

You'll enjoy high-performance with less wear and tear on your gears, thanks to the wet clutch on all 5E models.

### ***PowerTech™ Engine with automatic Regen***

With the powerful yet efficient John Deere PowerTech™ Engine, the 5E 4-Cylinder models feature automatic Regen.

### ***Gain Greater Traction***

Choose from MFWD options to meet general use with bias tires and transportation needs with radial tires. You'll find the right fit for your job and budget among our tire offerings.

### ***Handle more demanding chores***

With the powerful yet efficient John Deere PowerTech™ Engine, the 5E 4-Cylinder models feature automatic Regen. You can choose between standard cab and open operator station options for the 5E 4-cylinders.

### ***Confidence in Responsive Brakes***

Work in total confidence thanks to the more responsive\* dual-stage brake system on all 5E models.

## **TRACTOR/LOADER COMPATIBILITY**

5E 4-Cylinder	5E 3-Cylinder 2WD	5E 3-Cylinder MFWD
520M Non-Self-Leveling	512 Non-Self-Leveling	520M Non-Self-Leveling
520M Mechanical Self-Leveling	520M Non-Self-Leveling	520M Mechanical Self-Leveling

\* compared to previous models



# FIND THE RIGHT IMPLEMENT TO DO THE JOB

*The 5Es are right in nearly any application, but to do the job right, you need the right implement. That's where John Deere and Frontier™ Equipment can help.*

## Disc Mower



## Disc Mower

Easily hook up John Deere and Frontier disk mowers to the three-point hitch. You can hook them up from the tractor with the quick hitch compatibility.

## Grapple

Move debris, brush, rocks, trees and more with Frontier grapple options. Easily install and remove the Frontier grapples and increase the versatility to complete more tasks with your tractor and loader.

## Land Plane



## Land Plane

Level land with Frontier Land Planes that are iMatch™ quick-hitch compatible, ensuring a super-quick connection. Frontier land planes are a great tool for maintaining a gravel drive, smoothing a horse arena, leveling a garden and more.

## Pallet Fork

Move pallets, fence posts, or other bulky material easily with Frontier pallet forks with a strong steel frame. Add even more versatility to your pallet forks with a grapple.

## Box Blade



## Box Blade

Level uneven ground and simplify grading tasks with Frontier Box blades. Hook up the blade and lock and unlock the hitch from the seat in many tractors with the easy attachability and optional quick hitch compatibility.

## Mower-Conditioner

Whether you need a side-pull or center-pivot Mower-Conditioner, with cutting widths from 8 ft. 2 in. (2.5 m) to 16 ft. 4 in. (5 m) and up to four conditioning options, John Deere has a machine for you.

## Pallet Fork



## Round Baler

Find the right round baler to meet your operation and livestock needs with John Deere offerings. Maintain uniform bale density with the vertical forming chamber available on all John Deere round balers.

## Grapple



## Mower-Conditioner



## Round Baler







**Raking Equipment**

### **Raking Equipment**

Meet your hay raking needs with two different types of rakes from Frontier. Reduce crop plugging for increased productivity in the field with the high-clearance frame with maximum distance between the transport and raking wheels that allows a high-volume of crop to flow through the Frontier wheel rakes. Increase hay quality, reduce hay dry down time, and enhance baler productivity with the Frontier rotary rake.

### **Rotary Tiller**

Prepare your seedbed with Frontier rotary tillers offered in forward or reverse tine configurations. Set the tilling depth to meet your needs with adjustable skid shoes and the rear tailgate provides a smooth finish. All Frontier rotary tillers are gear driven for better efficiency and reliability.

### **Disk Harrow**

Break up the ground and distribute the soil with adjustable gangs that allow you to match the aggressiveness of the disk harrow blades to meet your application. Whether preparing a seedbed or a food plot, Frontier disk harrows are a great tool for your property or small farm.



**Rotary Tiller**



**Disk Harrow**

### **Bale Spear**

Frontier offers a full line of loader-mounted and 3-point bale spears to move round and large square bales. The loader-mounted bale spears will fit your loader carrier type with no tools required to install or remove the bale spear from John Deere loaders.

### **Rotary Cutter**

Meet the needs of your job with the full line of John Deere rotary cutters. You'll find fast, reliable mowing and trimming at a friendly price with the standard duty rigid Frontier cutters. If you need added strength or to tackle tough weeds Frontier medium and heavy-duty cutters fit the bill.



**Bale Spear**



**Rotary Cutter**



**Snow Blower**

### **3-Point Snow Blower**

Snow removal from long driveways, barn yards, and parking lots is made easy with a Frontier three-point mounted snow blower. Set the snow blower to the proper height with adjustable skid shoes and get a long-lasting performance with the durable cutter edge. Place the snow where it needs to be right from the operator's seat with hydraulic chute rotation and deflector control.



SPECIFICATIONS		3-Cylinder		
		5050E	5060E	5066E
Operator Station		OOS only	Operator Station	Operator Station
Rated Engine HP		50 hp (37.4 kW) @2100 rpm	60 hp (44.7 kW) @2100 rpm	67.6 hp (50.4 kW) @2100 rpm
Rated Power Take-Off (PTO)		3 PTO hp (27.6 kW) @2100 rpm	42.9 PTO hp (32.1 kW) @2100 rpm	49.7 PTO hp (36.6 kW) @2100 rpm
Maximum PTO HP		38 PTO hp (28.5 kW) @1800 rpm	45 PTO hp (33.6 kW) @1800 rpm	53 PTO hp (39.6 kW) @1800 rpm
PowerTech™ Engine Type		3-cylinder (2.9 L) EWR		
Aftertreatment		DOC/EG		
Transmissions		9F/3R SyncShuttle™	Standard 9F/3R SyncShuttle™ Optional: PowerReverser™	Standard 9F/3R SyncShuttle™ Optional: PowerReverser™
Rear Power Take-Off (PTO)		540 at 1800 rpm	Standard 540 at 1800 rpm Optional 540 at 1800 rpm	Standard 540 at 1800 rpm Optional 540 at 1800 rpm
Remote selective control valve (SCVs)		Rear: 1/up to 2 total with Mechanical Lever Control Mid: 0/up to total with Mechanical Joystick Control		
Total pump rated output		18.2 gpm (68.8 L/min)		
Hitch draft control type		Mechanical – top link sensing		
Rear Hitch Category 2 (convertible to 1)	Lift capacity*	3,192 lb (1448 kg)		
2WD or MFWD		2WD or FWD		
2WD Turning Radius	w/brake	10.2 ft (3.1 m)		
	w/o brakes	11.5 ft (3.5 m)		
MFWD turning radius	w/brake	12.9 ft (3.94 m)		
	w/o brakes	15.3 ft (4.65 m)		
Wheelbase		80.7 in. (2057 mm)		
Fuel tank capacity	OOS	1 gal (72.5 L)		
	Cab	21 gal (82 L)		
Diesel exhaust fluid (DEF) tank capacity		Not Applicable		

\*Hitch lift capacity measured at 24 in behind lift point using ElectroHydraulic

\*\*Field installation only



		4-Cylinder	
5075E	5075E	5090E	5100E
(OOS) r Cab		Operator t atio (OOS) r Cab	
hp (kW) @2100 rpm	73.7 h (55 kW @2100 rpm	90 hp (67. kW) @2400 pm	100 hp (74.6 kW) @2400 pm
PT hp (kW) @2100 rpm	57.6 PTO p ( kW) @2100 rpm	75 PT hp (52.2 kW) @2400 pm	85 PT hp (63.4 kW) @2400 pm
PT hp (kW) @2100 rpm	61 PT hp (45.5 kW) @1800 rpm		
		4-cylinder 4045 (4.5L) PWL	
		DOC/SCR	
uttle™ ™ 12F/12R		Standar PowrReverser™ 12F/12R Optional: PowrReverser™ 24F/12R Hi-Lo	
om/540E t 588 rpm		Standar 540 at 400 rpm/540E t 716 rpm Opt** %oa t 400 rpm/100 a t 40 r pm i t reversible tub haft	
control control		Rear: 2/up o total i t Mechanical ever ontrol Mi 0/up o **total i t Mechanical oystick ontrol	
		22.5 gpm (85.1 L/min)	
		3,213 l (1457 kg)	
		MFWD nly	
		Not Applicable	
		11.6 ft 3.54 m)	
		14.3 ft 4.36 m)	
		92.5 in. (23 mm)	
		25 gal 94.6 L)	
		30 gal 114 L)	
		3.17 al 12. L )	

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