

5E Series

UTILITY TRACTORS



JOHN DEERE



BUILT TO PERFORM.

DESIGNED FOR YOU.

John Deere 5E Utility Tractors are designed to help you do more with one versatile machine. With options for an open operator station, standard cab, or premium cab, a range of 50–100 horsepower engines, three heavy-duty transmissions — including the first eHydro™ transmission available in a John Deere 5 Series Utility Tractor¹ — and plenty of implements, you can confidently configure the tractor that's right for your operation.



John Deere PowerTech™ engines

Match your 5E's engine performance to the task at hand with 50–75 horsepower options on 3-cylinder models and 90–100 horsepower options on 4-cylinder models.



Personalized comfort

Enjoy plenty of legroom in the open operator station, stay comfortable year-round in the standard, climate-controlled cab, or customize your comfort and control in the premium cab with a swiveling air-suspension seat,² electronic quick raise-lower (EQRL) hitch controls, Go Home Lighting,² and more.



Built-in connectivity

JDLink™ modems, John Deere Operations Center™, Equipment Mobile, and John Deere Connected Support™ all help you run more efficiently with near real-time machine data³ and remote support from your John Deere dealer whenever you need it.

¹eHydro transmission available on select 5E 3-cylinder models only.

²Air-suspension seat with swivel available on select 5E 3-cylinder models only. Go Home Lighting available on all 5E 3-cylinder models.

³You can turn on JDLink connected service in your John Deere Operations Center account for free. JDLink requires a cellular connection to transfer information from machine to Operations Center. Consult your John Deere dealer for coverage availability.

Which model is right for you?

Tackle tasks around your property, heavy-duty chores on the farm, or roadside mowing with the perfect combination of engine power, operator comfort, and power take-off (PTO) output.

3-CYLINDER

5050E

Great for everyday chores like mowing, hauling small loads, and seasonal property tasks.



5060E

Ideal for managing a wide range of chores and loader work on large properties, mid-sized farms, and landscaping sites.



4-CYLINDER

5090E

Handles frequent mowing, spraying, loader work, tillage, food-plot seeding, and implement changes on farms and large operations.



5067E

Made for more demanding land maintenance and material handling, like moving heavier loads and running larger implements.



5075E

Built for dairy and livestock operations with the PTO power and daily performance needed to feed cattle, move hay bales, spread manure, and operate heavy equipment.



5100E

Designed for high-output operations with the maximum power to take on intensive daily fieldwork, heavy-duty hauling, tillage, baling hay, and more.



COMPARE THE 5E SERIES

	5050E	5060E	5067E	5075E	5090E	5100E
Engine horsepower ⁴	50.1 hp (37.4 kW)	60.5 hp (45.1 kW)	67.5 hp (50.4 kW)	71.3 hp (53.2 kW)	90 hp (67.4 kW)	100 hp (74.6 kW)
PowerTech engine type	3 cylinders	3 cylinders	3 cylinders	3 cylinders	4 cylinders	4 cylinders
Rear hitch lift capacity ⁵	3,192 lb. (1,448 kg)	3,192 lb. (1,448 kg)	3,192 lb. (1,448 kg)	3,192 lb. (1,448 kg)	4,630 lb. (2,100 kg)	4,630 lb. (2,100 kg)
2WD or MFWD	Both	Both	Both	Both	MFWD	MFWD
TRANSMISSION OPTIONS						
SyncShuttle™ (TSS)	●	●	●	●		
PowrReverser™ (PR)		●	●	●	●	●
eHydro		●	●	●		
OPERATOR STATION OPTIONS						
Open operator station (OOS)	●	●	●	●	●	●
Standard cab		●	●	●	●	●
Premium cab		●	●	●	●	●

⁴Engine power PS (hp ISO) at max engine power speed (ECE-R120). John Deere Standard RES10080, SAE Standards J1995.

⁵Rear hitch lift capacity measured at 24 inches (60.9 cm) behind lift point using electrohydraulic (EH) hitch.



One tractor for every operator

With the first eHydro transmission available in a John Deere 5E Utility Tractor, the 5060E, 5067E, and 5075E make it easier than ever to feel comfortable and in control — within minutes of getting behind the wheel. Side-by-side Twin Touch™ foot pedals, smart performance features, and familiar controls help operators master the tractor 25% faster⁶ while delivering the steady, predictable power, smooth speed transitions, and all-day comfort needed to take on a variety of demanding tasks with one versatile machine.

Premium operator experience

Complete common tasks with up to 40% less effort⁷ by configuring your 3-cylinder tractor with an eHydro transmission and premium cab. With simple, automotive-style controls, instant directional changes, and an ergonomic layout, your operators can work in comfort while getting the job done with confidence.

Easy forward and reverse

Driving feels more natural from the start with Twin Touch foot pedals and four gear ranges that make it easy to match your speed to almost any task. Simply move your foot two inches (5.08 cm) to the right to change from forward to reverse and enjoy smooth, directional transitions — no clutching required.



SpeedMatch™ and automotive-style cruise control

Operators can set and maintain their preferred speed for improved comfort and more consistent results during repetitive tasks.

STAY PRODUCTIVE AND IN CONTROL

Optimize performance from one job to the next with the eHydro's smart transmission features. eThrottle, LoadMatch, and MotionMatch let you fine-tune how your 3-cylinder tractor responds under heavy loads, helping make every job more efficient from start to finish.

eThrottle™

Aids in smoother operation and improved fuel efficiency by allowing the engine and transmission to work together. Simply press the foot pedal to automatically increase the engine RPM and tractor speed at the same time.

LoadMatch™

Helps prevent engine stalls by optimizing the engine's performance under heavy load applications, like grading and loader work. Comes preset in the ON position.

MotionMatch™

Tailors how quickly you transition from forward to reverse with seven adjustable settings. Use level one for sharp, immediate transitions and level seven for the smoothest transitions.

Save time where it counts

Finish loader work up to two hours⁸ sooner each week with faster, cleaner loader cycles and responsive controls that keep every lift, dump, and return smooth and efficient.



Next generation digital display

Puts machine vitals and diagnostics right at your fingertips. View the hydraulic temperature, maintenance intervals, and diagnostic trouble codes all on one easy-to-read screen. Available on open operator station and cab models.

HANDLE ADDITIONAL HYDRAULIC JOBS

The 5E 3-cylinder models feature a true third 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, helping you move logs and debris with no diverter. You can order the third function SCV from the factory or easily stack on a dual function later.

No regen required

3-cylinder PowerTech engines meet EPA Final Tier 4 (FT4) emissions requirements and are easy to maintain with no regen required, no diesel exhaust fluid (DEF) to manage, and no diesel particulate filter (DPF) to change.



⁸Based on an internal productivity study with John Deere employee operators comparing the John Deere MY27 eHydro transmission vs the John Deere PowrReverser transmission completing the same loader cycle task at 1,500 rpm and assuming three hours of loader work a day, recurring six days a week.



Power up for your toughest chores

When you need a machine that can raise your productivity even higher, look no further than the 5090E and 5100E 4-Cylinder Utility Tractors. With a 4,630-pound (2,100 kg) rear hitch lift capacity,⁹ higher engine horsepower, and heavier-duty frame,¹⁰ these tractors are built to power through your toughest chores and conditions.

RISE TO THE CHALLENGE

Lift more, push harder, and clear faster with mechanical self-leveling (MSL) and non-self-leveling (NSL) loader options. Features like an integrated parking stand and quick attach option make attaching and removing your loader a snap. The loader's design and hydraulic system work together to help improve your cycle times and productivity, so you can get your loader work done fast.





WORK WITHOUT STOPPING

Powerful yet efficient, John Deere PowerTech 4-cylinder engines keep you working without stopping thanks to automatic regen. Plus, a two-percent power bulge helps you bale in hilly areas with consistent power to accomplish the job.

BOOST YOUR PRODUCTION

All 5E models come standard with a Category 2 rear hitch and feature an independent PTO that allows for separate control of both the tractor and PTO. Two rear SCVs in base and an optional third rear SCV let you attach larger loaders and implements for high production jobs. The durable three-point hitch makes tilling and rotary cutting easy and convenient.

Premium features meet exceptional comfort

Experience enhanced comfort on every job in the premium cab built with you in mind.



Swiveling air-suspension seat

Swivel your seat 15 degrees to the right or seven degrees to the left for an easy view of your rear implements. An adjustable backrest, armrests, and fore/aft suspension enable operators to find their most comfortable position. An instructional seat is also included in the premium cab and available as a dealer-installed kit on the standard cab.

Refined steering wheel design

Additional legroom and improved ergonomics help you feel your best after a long day in the seat.



Electronic quick raise-lower (EQRL) feature

Raise the rear hitch to transport mode, then lower it again to a set depth at the touch of a button. The EQRL is perfect for headland turns while tilling and rotary cutting or picking up round bales with a rear bale fork.



Sunroof with sunshade

Keep an eye on stacking hay bales and other loader work with the premium cab's sunroof. Need to block out unwanted sunlight? Pull the sunshade closed and keep right on going.

Bright LED lights

Don't let short days stop you from finishing your chores. Extend your hours into the early mornings and well after dusk with bright LED lighting. Premium cabs include LED headlights and work lights. Standard cabs include LED headlights only.

Go Home Lighting

Three adjustable timer settings let you choose how long the tractor's lights stay on, so you can see where you're headed after dark. Simply press the button with the ignition key in the OFF position to light your way after exiting the tractor.



Implements

Get the job done right with the rugged and reliable performance of John Deere and Frontier™ implements.



Disc mower

Get a clean, even cut over rough ground and through tough, thick crop. iMatch™ or Quick-Hitch™ compatible.



Flex-wing grooming mower

Get a quality cut over uneven fields. Features wider widths to make quick work of sod farms, golf courses, and parks. Standard grooming mowers also available.



Wheel rake

Enhance hay quality and retain feed value with fast raking speeds and the performance and consistency to engage nearly every type of terrain. Choose from heavy-duty, high-capacity, and carted wheel rakes.



Rotary cutter

Enjoy fast, reliable mowing and trimming while cutting heavy grass, thick brush, and weeds down to size. Available in four- to 15-foot (121.9 to 457.2 cm) cutting widths.



Rotary rake

A gentle sweeping action helps reduce drying time while keeping dirt and debris out of your windrows for higher-quality bales.



Hay tedder

Provides thorough conditioning and even distribution in all types of hay to improve feed quality and drying time.



Round bale hugger

Treat regular or silage bales with care and maintain volume and nutritional value while moving large, round bales.



Disk

Break up hard ground and distribute the soil to prepare seedbeds or food plots. Large blades, deep penetration, and heavy-duty frames make even the biggest projects manageable. Heavy offset and tandem disks available.



Grapple

Save time clearing up brush, rocks, tree branches, and other debris.



Box blade

Simplify grading and level uneven ground. iMatch or Quick-Hitch compatible.



Land plane

Level driveways, fill potholes, and recondition gravel areas. iMatch or Quick-Hitch compatible.



485 Backhoe

Dig trenches, excavate footings and foundations, remove tree stumps, and more. Connects quickly and securely right from the operator's seat. Available for select open-station and cab models.



Pallet fork

Lift pallets, load lumber, move bulky materials, and clear construction sites quickly and efficiently with a fork capacity up to 5,500 pounds (2,494.8 kg).



Rotary tiller

Prepare seedbeds for planting. Adjustable skid shoes and a rear tailgate let you set your desired tilling depth for a smooth finish. Available in forward and reverse configurations.



Three-point snow blower

Remove snow from long driveways, barnyards, parking lots, and more. A chute deflector and hydraulic chute rotation make it easy to direct the snow right from the operator's seat.

Explore all the John Deere and Frontier implements available for 5E Series Utility Tractors.

US: BuyFrontier.com
CA: BuyFrontier.ca

Stay connected to what counts

Manage your land, equipment, crops, or herds with technology, support, and service, designed to keep you moving.

JOHN DEERE CONNECTED SUPPORT

Resolve maintenance challenges quickly with prompt alerts about potential issues, no matter where you are. Your John Deere dealer can also receive alerts and, with your permission, connect to your equipment remotely for further diagnostics.¹¹

What you can do:

- Monitor alerts, engine hours, utilization, and more from your machine remotely
- View machine location and get driving directions to work sites
- Track Machine Health Insights in Operations Center
- Diagnose, repair, and reprogram¹² equipment using John Deere Operations Center™ PRO Service tools
- Perform select software updates remotely on eligible machines

What your dealer can do:

- Monitor alerts coming from your machine
- Remotely connect to your machine for near real-time diagnostics
- Use Machine Health Insights from John Deere to stay ahead of potential issues
- Perform software updates from the dealership



JDLINK MODEMS

Connect your machines with JDLink modems for fast data transfer and bring connectivity to your fleet, regardless of equipment brand or age. Stream machine and field data to your Operations Center account¹¹ and get remote support from your John Deere dealer to resolve issues and get back up and running quickly.



EQUIPMENT MOBILE

Equipment Mobile makes it easy to set up, operate, and maintain your equipment, whether you have one tractor or an entire fleet. Prepare for work, access key information from your Operator's Manual, find replacement parts fast, and track routine maintenance all from the palm of your hand.



JOHN DEERE OPERATIONS CENTER

This free online fleet management system collects, stores, and provides access to all your machine data from any connected device. Track machine locations and performance data, analyze fleet productivity, monitor service intervals, and plan machine maintenance anytime — and from anywhere.

¹¹You can turn on JDLink connected service in your John Deere Operations Center account for free. JDLink requires a cellular connection to transfer information from machine to Operations Center. Consult your John Deere dealer for coverage availability.

¹²Certain engine related tests and calibrations are not currently available. Reprogramming functionality may not be available for all non-John Deere controllers; see JohnDeere.com/PROService for further details.

Specifications

5E SERIES UTILITY TRACTORS		3 CYLINDER			4 CYLINDER			
		5050E	5060E	5067E	5075E	5090E	5100E	
ENGINE								
Type of John Deere engine		PowerTech 3029 (2.9L) EWR	PowerTech 3029 (2.9L) EWR	PowerTech 3029 (2.9L) EWR	PowerTech 3029 (2.9L) EWR	PowerTech 4045 (4.5L) PWL	PowerTech 4045 (4.5L) PWL	
Rated engine horsepower ¹³		50.1 hp (37.4 kW)	60.5 hp (45.1 kW)	67.5 hp (50.4 kW)	71.3 hp (53.2 kW)	90 hp (67.1 kW)	100 hp (74.6 kW)	
Rated PTO horsepower ¹³	PR/TSS	OOS 38 hp (28.3 kW)	48.3 hp (36.0 kW)	55.3 hp (41.2 kW)	57.0 hp (42.5 kW)	76.7 hp (57.2 kW)	85 hp (63.4 kW)	
	Cab	N/A	46.3 hp (34.5 kW)	53.3 hp (39.7 kW)	55.0 hp (41.0 kW)			
	eHydro	OOS/Cab N/A	38.3 hp (28.5 kW)	44.5 hp (33.2 kW)	51.4 hp (38.3 kW)	N/A	N/A	
Aftertreatment type		DOC/EGR	DOC/EGR	DOC/EGR	DOC/EGR	DOC/SCR	DOC/SCR	
FUEL SYSTEM								
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	
Fuel tank capacity	OOS	19 U.S. gal. (72.5 L)	19 U.S. gal. (72.5 L)	19 U.S. gal. (72.5 L)	19 U.S. gal. (72.5 L)	25 U.S. gal. (94.6 L)	25 U.S. gal. (94.6 L)	
	Cab	N/A	21 U.S. gal. (82 L)	21 U.S. gal. (82 L)	21 U.S. gal. (82 L)	30 U.S. gal. (114 L)	30 U.S. gal. (114 L)	
DEF tank capacity		N/A	N/A	N/A	N/A	3.17 U.S. gal. (12.0 L)	3.17 U.S. gal. (12.0 L)	
HYDRAULICS								
Pump rated output ¹⁴	PR/TSS	18.2 gpm (68.6 L/min), two pumps	18.2 gpm (68.6 L/min), two pumps	18.2 gpm (68.6 L/min), two pumps	18.2 gpm (68.6 L/min), two pumps	22.5 gpm (85.1 L/min)	22.5 gpm (85.1 L/min)	
	eHydro	N/A	29.6 gpm (112 L/min), three pumps	29.6 gpm (112 L/min), three pumps	29.6 gpm (112 L/min), three pumps	N/A	N/A	
Number of rear SCVs	Standard	One	One	One	One	Two	Two	
	Optional	Two	Two	Two	Two	Three	Three	
Number of mid SCVs	Standard	Zero	Zero	Zero	Zero	Zero	Zero	
	Optional	Up to three	Up to three	Up to three	Up to three	Up to three	Up to three	
TRANSMISSION								
Type	Standard	SyncShuttle 9F/3R TSS	SyncShuttle 9F/3R TSS	SyncShuttle 9F/3R TSS	SyncShuttle 9F/3R TSS	PowrReverser 12F/12R	PowrReverser 12F/12R	
	Optional	N/A	PowrReverser 12F/12R; eHydro	PowrReverser 12F/12R; eHydro	PowrReverser 12F/12R; eHydro	PowrReverser 24F/12R Hi-Lo	PowrReverser 24F/12R Hi-Lo	
Reverser	No		SyncShuttle: no; PowrReverser: yes (lever); eHydro: yes (pedals)	SyncShuttle: no; PowrReverser: yes (lever); eHydro: yes (pedals)	SyncShuttle: no; PowrReverser: yes (lever); eHydro: yes (pedals)	Yes	Yes	
Clutch (wet/dry)	Dry		SyncShuttle: dry; PowrReverser: wet; eHydro: hydrostatic	SyncShuttle: dry; PowrReverser: wet; eHydro: hydrostatic	SyncShuttle: dry; PowrReverser: wet; eHydro: hydrostatic	Wet	Wet	
REAR PTO								
PTO type	SyncShuttle	Independent 540	Independent 540	Independent 540	Independent 540	N/A	N/A	
	PowrReverser	Independent 540/540E	Independent 540/540E	Independent 540/540E	Independent 540/540E	Standard: 540/540E; Optional: 540/1,000	Standard: 540/540E; Optional: 540/1,000	
	eHydro	N/A	Independent 540/540E	Independent 540/540E	Independent 540/540E	N/A	N/A	
Hitch category		Cat. 2; convertible to 1	Cat. 2; convertible to 1	Cat. 2; convertible to 1	Cat. 2; convertible to 1	Cat. 2; convertible to 1	Cat. 2; convertible to 1	
Rear hitch lift capacity ¹⁵		3,192 lb. (1,448 kg)	3,192 lb. (1,448 kg)	3,192 lb. (1,448 kg)	3,192 lb. (1,448 kg)	4,630 lb. (2,100 kg)	4,630 lb. (2,100 kg)	
DIMENSIONS								
Wheelbase		80.7 in. (2,050 mm)	80.7 in. (2,050 mm)	80.7 in. (2,050 mm)	80.7 in. (2,050 mm)	92.5 in. (2,350 mm)	92.5 in. (2,350 mm)	
Overall length		144.5 in. (3,670 mm)	144.5 in. (3,670 mm)	144.5 in. (3,670 mm)	144.5 in. (3,670 mm)	159.13 in. (4,042 mm)	159.13 in. (4,042 mm)	
Approx. shipping weight	2WD	OOS	5,335 lb. (2,420 kg)	5,445 lb. (2,470 kg)	5,555 lb. (2,520 kg)	5,555 lb. (2,520 kg)	N/A	N/A
		Cab	N/A	6,480 lb. (2,939 kg)	6,590 lb. (2,989 kg)	6,590 lb. (2,989 kg)	N/A	N/A
	MFWD	OOS	5,809 lb. (2,634 kg)	5,919 lb. (2,685 kg)	6,029 lb. (2,735 kg)	6,029 lb. (2,735 kg)	7,275 lb. (3,300 kg)	7,275 lb. (3,300 kg)
		Cab	N/A	6,702 lb. (3,040 kg)	6,812 lb. (3,090 kg)	6,812 lb. (3,090 kg)	8,150 lb. (3,700 kg)	8,150 lb. (3,700 kg)
TIRES								
Rear		14.9-28 R1 bias	14.9-28 R1 bias	16.9-28 R1 bias	16.9-28 R1 bias	18.4-30 R1 bias	18.4-30 R1 bias	
Turning radius with brakes	2WD	10.2 ft (3.1 m)	10.2 ft (3.1 m)	10.2 ft (3.1 m)	10.2 ft (3.1 m)	N/A	N/A	
	MFWD	12.9 ft (3.94 m)	12.9 ft (3.94 m)	12.9 ft (3.94 m)	12.9 ft (3.94 m)	14.3 ft (4.36 m)	14.3 ft (4.36 m)	
Turning radius without brakes	2WD	11.5 ft (3.5 m)	11.5 ft (3.5 m)	11.5 ft (3.5 m)	11.5 ft (3.5 m)	N/A	N/A	
	MFWD	15.3 ft (4.65 m)	15.3 ft (4.65 m)	15.3 ft (4.65 m)	15.3 ft (4.65 m)	11.6 ft (3.54 m)	11.6 ft (3.54 m)	
OPERATOR'S STATION								
Rollover protective structure		OOS: foldable	OOS: foldable	OOS: foldable	OOS: foldable	OOS: foldable	OOS: foldable	
Cab options		N/A	Standard; premium	Standard; premium	Standard; premium	Standard; premium	Standard; premium	
Seat	Standard	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	
	Optional for cab	N/A	Air-suspension; air-suspension with swivel	Air-suspension; air-suspension with swivel	Air-suspension; air-suspension with swivel	Air-suspension	Air-suspension	
POWERTRAIN WARRANTY ¹⁶								
Duration		5 years/2,000 hours, whichever comes first	5 years/2,000 hours, whichever comes first	5 years/2,000 hours, whichever comes first	5 years/2,000 hours, whichever comes first	5 years/2,000 hours, whichever comes first	5 years/2,000 hours, whichever comes first	

¹³Horsepower is rated @ 2,100 rpm for 3-cylinder models and @ 2,400 rpm for 4-cylinder models.

¹⁴On TSS/PR, pumps are engine mounted; on eHydro, two pumps are engine mounted, one is drivetrain mounted.

¹⁵Rear hitch lift capacity measured at 24 inches (60.9 cm) behind lift point using electrohydraulic (EH) hitch.

¹⁶All 5E Utility Tractors purchased new from an authorized John Deere dealer come standard with a five-year/2,000-hour (whichever comes first) Powertrain Warranty. See the Limited Warranty for new John Deere Turf & Utility Equipment at an authorized John Deere dealer or at JohnDeere.com/TUWarranty or JohnDeere.ca/TUWarranty for details.

US: [JohnDeere.com/5Series](https://www.johndeere.com/5Series)

CA: [JohnDeere.ca/5Series](https://www.johndeere.ca/5Series)

Visit your John Deere dealer.



“The eHydro helps get me in position to do work with less effort and with more speed. It’s smoother... You’re just ready to do the work faster.”

David Sprinkle, Sawmill Operator

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