

5E SERIES

MORE TRACTOR, MORE COMFORT



JOHN DEERE

NOTHING RUNS LIKE A DEERE





COMFORT THAT GETS IT DONE

Compact and straightforward as they are in size and design, our 5E Series tractors are 100% John Deere quality and performance.

If you're looking for highly manoeuvrable power that can work anywhere, the versatile 5E is for you. Add unmatched comfort, visibility and features like EQRL to the mix, and you're buying big quality that gets things done.

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EVERY INCH A JOHN DEERE

RELIABLE VERSATILITY

When you buy a tractor, you have some detailed questions. When we designed the 5E, we started with those very same questions. It's why we have your answers.

5E MODELS (RATED POWER 97/68EC)

5050E	49 hp (36 kW)	3-cyl.
5058E	58 hp (44.4 kW)	
5067E	67 hp (50.4 kW)	
5075E	75 hp (55 kW)	



1 | COMFORTABLE TECHCENTER CAB*

Lots to like here: air suspended seat, an unusual amount of space, and a bright, easy-to-read all-digital display. Add the optional air-conditioning and a passenger seat for total comfort.

3 | E-CONTROLS

Stay productive with electro-hydraulic four wheel drive, convenient E-Hand throttle and time saving Electrical Quick Raise and Lower. There's more: Electro-hydraulic PTO, electro-hydraulic Hi-Lo and an all-digital display.

2 | SELECTION

A 9F/3R transmission with mechanical reverser is available for the 5050E and there are two PowrReverser™ transmissions (12F/12R and 24F/12R) for the larger models.

4 | COMPACT

Weighs in at a low 3.3 t, fits everywhere at a low overall height of 2.4 m, and just 3.6 m in length.

5 | MANOEUVRABLE

The short 2.05 m wheelbase, reduced 3.94 m turning radius, and high 55° steering angle has the 5E excel in tight spaces.

*not available for 5050E

6 | VISIBILITY

New low hood design for enhanced front visibility. New A-post exhaust for an uncluttered view. Windshield wipers recessed into cowling. Up to 8 work lights.

7 | PERFORMANCE

Efficient Stage V PowerTech™ E John Deere Engine with electronic injection and Diesel Only technology. Reduced rated speed of 2,100 rpm, and a 540E-PTO at an engine speed of 1,600 rpm.

8 | VERSATILITY

Great in the field with two SCVs and Hi-Lo smooth speed adjustments. Speedy and safe transport at up to 40 km/h, with hydraulic trailer brake. PowrReverser™, powerful hydraulics – easy to drive.

9 | LOADER-READY

Every 5E can be delivered loader-ready. GSS (Gear Shift Switch) and a 3rd function diverter are available on the front loader joystick.

10 | RELIABILITY

Maximum uptime built in, with components sized and designed for 100 hp tractors.



POWERFUL ECONOMY

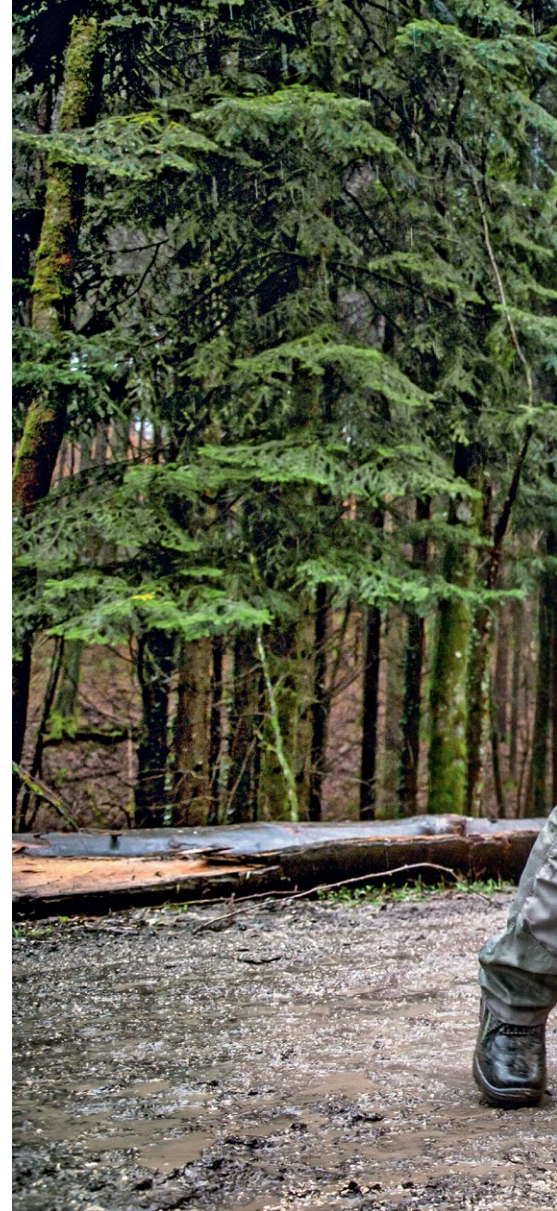
ENGINES

At the heart of the 5E is a turbocharged 2.9 l John Deere engine that was specifically developed to master the variety of tough chores you will put your 5E through all year round. The Diesel only engine combines common rail high pressure fuel injection with electronic control for a low rated engine RPM of 2,100 that keeps fuel consumption in check, produces powerful torque, and meets Stage V emission regulations.

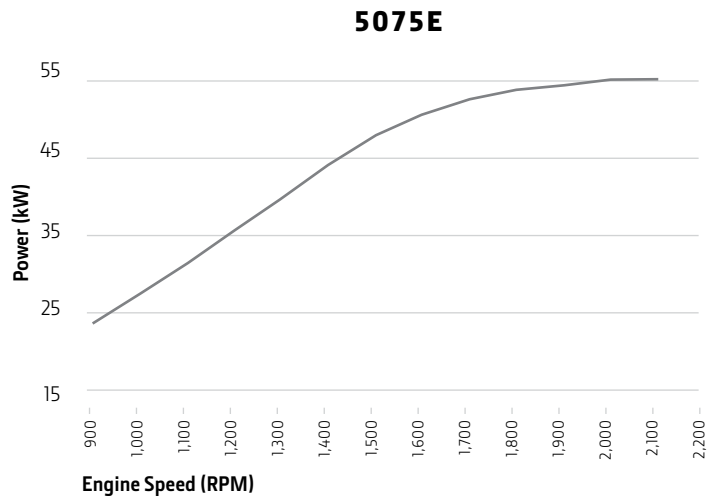


INSTANT TORQUE

The power you need, when you need it. The engine features superior elasticity and responsiveness, with maximum torque across the RPM band.



No additives required. By combining an intercooler and Diesel Particle Filter (DPF), Stage V emissions standards are met without the need for any additives.

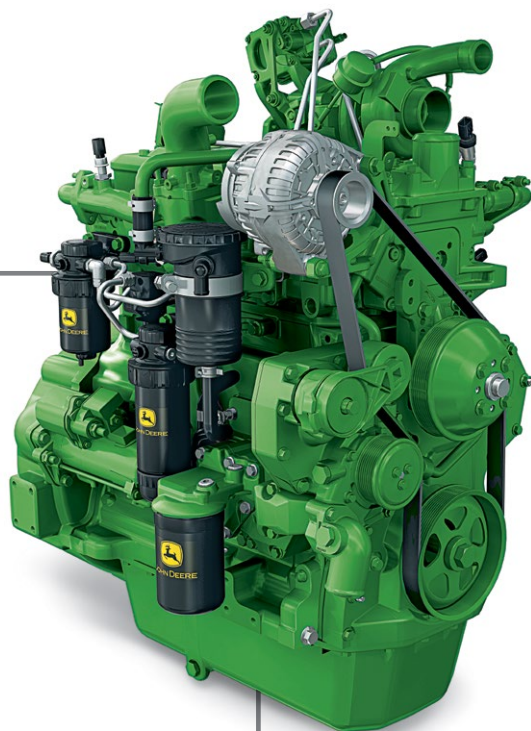




DIESEL ***ONLY***

POWERFUL CHOICES

Match your engine to the power requirements of the jobs that are most common in your day – our 3-cylinder engine is available from 49 to 75 hp.





WORKS THE WAY YOU DO

TRANSMISSIONS

Get the transmission that's right for you and your jobs. The 5050E has a 9/3 transmission with mechanical reverser, while all other models are available either with the 12/12 or 24/12 PowrReverser™ transmissions with speeds for any application.

The PowrReverser™ transmission takes the pain out of repetitive motion with no-stop, in-line, forward/reverse shifting, and the modulation control kit allows you to work with more precision by adjusting the reverser reactivity to ground conditions and the type of job.



40 km/h

There's always stuff to haul. Meet the 24F/12R PowrReverser™ transmission for a top speed of 40 km/h.



Go extra slow and steady when you need to. The creeper gear kit lets you work at speeds as low as 280 m/h.



SAFE PARKING

The park lock function makes sure your tractor stays put safely when parking on steep slopes.



CLUTCHLESS, EFFORTLESS

Frequent direction changes in front loader work become a cinch with the electro-hydraulic reverse lever – no clutching required.



SMOOTH SPEED CHANGES

You can use the high and low buttons to make fine-tuned speed adjustments without using the clutch.

The comfortable TechCenter cab includes an air-suspended seat and has more room thanks to a 50%-reduced transmission tunnel height.



FULL SIZE, FULL VIEW

COMFORT/CAB

The 5E may be compact, but that doesn't mean your workspace is. Get in and get things done comfortably, in the same size of cab the bigger 5M Series offers – with lots of glass all around. Controls and instruments are laid out for effective operation. A/C is optional, as is the air suspended seat. The entire cab is built to keep you productive.



ESSENTIAL INFORMATION IN A NEW LIGHT

Bright, crisp characters and graphics on a deep black background, for superb readability of essential information like speed, engine RPM, PTO RPM and more.

For environments where headroom is at a premium, the 5E is also available with an open station. For extremely low clearances, even the rollover protection bar folds down.



PERFECT HEADLAND TURNS

The premium-class comfort of the right-hand console, the intelligent grouping of controls for the electro-hydraulic PTO, MFWD and the electronic hand throttle give you a shot at the perfect headland turn every time.

- 1 | E-Hand throttle
- 2 | Electro-hydraulic four wheel drive engagement
- 3 | Rear hitch
- 4 | EH PTO
- 5 | EQRL (Electrical Quick Raise and Lowering)



BUILT FOR MORE

HYDRAULICS, HITCHES, PTO

Any season, any job, all your challenges. The open-centre hydraulic system with 2 pumps provides a flow of 66 l/min, and is legendary for its reliable performance. Ex-factory you get two optional SCVs, conveniently controlled from the right-hand console. All 5E Series tractors come with our enhanced efficiency 540/540E PTO.



HYDRAULIC PERFORMANCE

The outstanding hydraulic performance of the 5E Series gives you the freedom to tackle a wide variety of jobs with total confidence.



The cab-mounted Electro-Hydraulic PTO switch provides fingertip control of PTO engagement and disengagement.



Great for headland turns, Electrical Quick Raise & Lower (EQRL) lets you effortlessly control attached implements on the go with a cab mounted switch.

For your comfort and convenience, the two optional SCVs can be easily controlled by two levers on the right-hand console.



100% FRONT LOADER

FRONT LOADERS

You could say that front loader work is the true calling of the 5E Series. The short wheelbase facilitates outstanding agility and an exceptionally tight turning radius. If you choose a model with our PowrReverser™ transmission, manoeuvring back and forth is effortless, without ever touching the clutch.



JOYSTICK

You can feel the responsive accuracy of the loader control joystick as soon as you touch it. Additional joystick functions can include GSS, diverter valves and loader suspension.

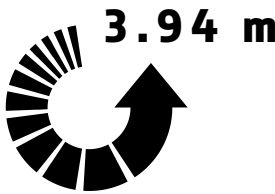
- 1 | Gear Shift Switch
- 2 | Loader Suspension ON/OFF
- 3 | Activation of diverter
- 4 | 3rd function, 4th function – activation of diverter (2+1F)



The H240 front loader is the perfect fit. A reliable, ruggedly constructed, premium loader designed for your 5E. Its geometry is perfectly aligned with the 5E so that loads are always distributed evenly across the frame and the front axle. The 5E is solid as a rock with the H240. Both mechanical self-levelling (MSL) as well as non-levelling (NSL) versions are available.



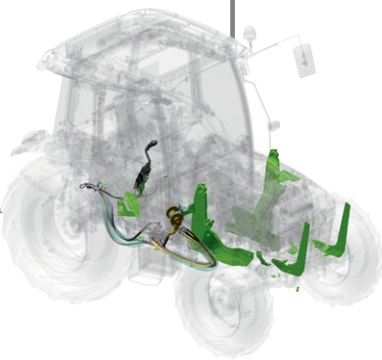
Sitting down in the 5E cab, it is striking how your field of vision extends to what is right in front of you. We've taken the hood of the 5E down as low as possible to maximise the front visibility so critical to efficient front loader work.



The short wheelbase of the 5E results in an optimised turning radius. It's perfect for efficient front loader work in tight spaces.

EASY-FIT PACKAGE

Every 5E can be fitted with a loader-ready package straight from the factory – including mounting frames, hood protection, joystick and all electrical and hydraulic connections.



ACCESS IS EVERYTHING

EASY MAINTENANCE

We've designed the 5E so that maintenance becomes a breeze. Engine air, cab fresh air and recirculation filters can be inspected and changed without tools. You get maintenance free bushings, bearings and drive shafts. The PowrReverser™ transmission has a wet clutch for extra-long life, so chances are you won't ever have to touch it.



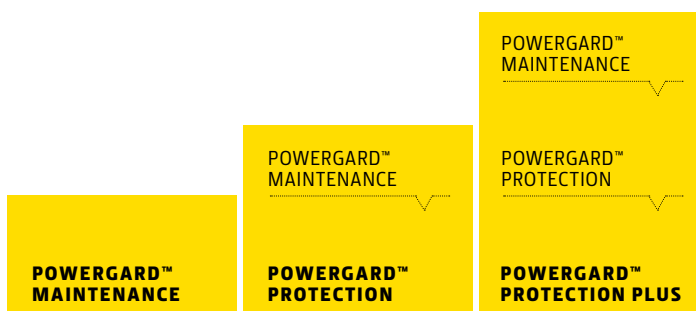
POWERGARD™

STATUS: PROTECTED



When you protect your equipment with a PowerGard™ Protection plan*, your business has the steady machine uptime and nonstop peak performance it needs to thrive.

A PowerGard™ Protection plan* covers the components that put power to the ground. Take that coverage even further with a PowerGard™ Protection Plus plan to add engine auxiliaries, electrical system, hydraulic system and operator's station to the coverage.



* PowerGard™ agreements and Financing for PowerGard™ Maintenance is currently only available with participating dealers. Country regulations apply.

SPECIFICATIONS

	UNIT	5050E	5058E	5067E	5075E
ENGINE PERFORMANCE					
Rated Speed	[rpm]	2,100			
Torque Rise	%	22			
Max. torque	[Nm]	188	247	280	304
Max. torque @ engine speed, 97/68EC (without fan)	[rpm]	1,500			
Rated power (97/68EC)	[hp]	49	60.3	68.5	74.7
	[kW]	36	44.4	50.4	55
ENGINE SPECIFICATIONS					
Engine Type		John Deere PowerTech™ E Stage V			
Aspiration		Wastegate Turbocharger with intercooler			
Cylinders and displacement		3 / 2.9 L			
Number of Valves Per Cylinder		2			
Fuel Tank Capacity	[l]	82			
Fuel Injection System & Control		Electronically controlled high pressure common rail fuel system			
Engine Control System		Electronic			
After Treatment Type		Diesel Oxidation Catalyst (DOC) and Diesel Particulate Exhaust Filter (DPF)			
Cooling System		Cooling system with Temperature Controlled Viscous Fan Drive (Eco Fan Drive)			
TRANSMISSION OPTIONS & SPECIFICATIONS					
9F / 3R Mechanic Reverser, 2.14 – 30.14 km/h		■		–	
24F / 12R PowrReverser™, EH Hi-Lo, 1.46 – 39.75 km/h		–		■	
12F / 12R PowrReverser™, 1.46 – 34.37 km/h		–		■	
Design MFWD		Mechanical Front Wheel Drive, electrohydraulic engagement			
Differential Lock		Mechanical Diff Lock Engagement			
REAR PTO					
Clutch Type		Dual dry clutch	Multi disc wet clutch		
Control Type		Mechanical engagement	Electrohydraulic engagement		
Shifting Design		In Cab Controls			
540 / 540E		■			
Engine at rated PTO speeds (540/540E rear PTO)	[rpm]	2,084 / 1,588			
STEERING AND BRAKES					
Steering		Open centre, hydrostatic, flow metering steering valve			
Primary Brake (Footbrake)		■			
Hand Emergency Brake		■			
Park Brake		■			
MFWD Braking		■			
Dual-Line Hydraulic Trailer Brakes		■			

	UNIT	5050E	5058E	5067E	5075E
HYDRAULIC SYSTEM					
System Type		Open Centre Hydraulic System			
System pressure – maximum	[bar]	197			
Base pump (Steering & Transmission Control)	[cc]	12			
Base pump – delivery rate per minute at rated speed	[l]	22.7			
Main pump (SCV & Hitch)	[cc]	23.0			
Main pump – delivery rate per minute at rated speed	[l]	43.5			
Maximum No. of SCV's (rear)		1		2	
Maximum No. of SCV couplers (rear)		2		4	
3 POINT HITCH					
Category		II			
Control Type		EQRL (Quick raise/lower) & Mechanical Hitch Control Levers			
Control Modes		Raise, lower, draft control, rate of raise & drop, quick raise/lower, height limit			
Sensing Type		Top Link Draft Sensing			
Max. Lift Capacity @ hitching point	[kg]	2,400			
Max. Lift Capacity @ 610 mm behind hitching point	[kg]	1,750			
TRACTOR DIMENSIONS					
Wheelbase 4WD	[mm]	2,050			
Total Length incl. Hood & Drawbar	[mm]	3,640			
Height Center of Rear Axle to top of Roof (Cab)	[mm]	–	1,760		
Height Center of Rear Axle to top of ROPS (IOOS)	[mm]	1,857			
Ground clearance min – max	[mm]	320-400			
Rear overall width min – max	[mm]	1,563 to 1,973 for 16.9R30 for other tires 1,513 to 2,030			
Front track width 4WD min – max	[mm]	1,408 to 1,888 for 11.2R20; 1,510 to 1,795 for 12.4R24			
TURNING RADIUS*					
MFWD engaged (with / without brakes)	[mm]	3,940 / 4,250			
Tire		320/85R24			
Position / Track Width	[mm]	1,800			
TRACTOR WEIGHTS					
Total weight IOOS	[kg]	2,950			
Total weight CAB	[kg]	–	3,320		
Maximum permissible weight	[kg]	5,100			

* Calculated Turning Radius

NOTHING RUNS LIKE A DEERE™

Chances are that when you need us, you need us right then and there, for advice, to solve a problem, or for a part. Reach out, we'll be there with technicians who are factory trained, ready to go to work for you, using only genuine John Deere parts and products. Our commitment to quality doesn't stop at your machine – we also have financing options available that are guaranteed to fit your budget and your plans.



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