

6E TRACTORS

105-135 Horsepower



JOHN DEERE



VERSATILE. RELIABLE. ECONOMICAL.

- Cab **or** Open Station • 2WD **or** MFWD

More applications. More implements. More budgets.

The 6E Series utility tractors are no non-sense, versatile machines built to take on just about any chore around farms, ranches, roadsides, or worksites. It's exactly what a utility tractor should be. Offering 105 to 135 horsepower (77.2 to 99.3 kW), each model features a reliable 4.5L PowerTech™ diesel engine for efficient performance. Designed for durability and simplicity, the 6E provides you with intuitive controls, multiple transmission options, and configurations including cab or open station and two- or mechanical four-wheel drive. Available with a factory-installed loader or built with loader-ready capability, the 6E is ideal for a wide array of everyday tasks.

BY THE NUMBERS

3 Horsepower Options

135 Maximum HP (102.2 kW)

2 Transmission Options

2 Drive Types - 2WD or MFWD

2 Operator Station Options



THE 6E IS A UTILITY TRACTOR MADE TO MEET YOUR NEEDS.

- Simple, intuitive controls
- Economical to own and operate
- Unsurpassed fluid efficiency
- Easy to maintain for maximum uptime

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6E Horsepower

Model	Engine Horsepower*
6105E	105 HP (88.3 kW / 89 PTO HP)
6120E	120 HP (89.5 kW / 102 PTO HP)
6135E	135 HP (100.6 kW / 115 PTO HP)

Manufacturer's estimate of power based on (ISO) 97/68 EC Standards.
Specifications and design subject to change without notice. Horsepower
will vary based on tractor configuration.

EVERYTHING IN ITS RIGHT PLACE

A well-designed operating environment puts control within reach and makes your days on the job easier.

Economical doesn't have to mean uncomfortable. And with the 6E, it doesn't. All the critical controls are right where you expect them, within easy reach of your right hand. This makes operating the 6E intuitive, simple and productive, even for those who are new to running a utility tractor.

To up the comfort a couple of notches, we've added 15 degrees of seat swivel to the 6E. If you do loader work, look back frequently, handle transport chores or pull an implement, you'll twist and turn less to see the work around you. All that glass means better visibility, too.

When Mother Nature chooses to make the day more challenging, you'll be right at home in the climate-controlled cab, featuring a well-organized operator area and easy-to-access and use controls.

Even if you live in a moderate climate and choose an open station 6E, you'll still benefit from a well-designed cockpit with intuitive controls and a seat designed for extended hours of operation.



1

Stay comfortable all day long with a cab that is designed with the operator in mind, helping you stay productive no matter the conditions

2

15 degrees of seat swivel makes it easy to watch implements, helping to increase efficient operation for a wide variety of chores.

3

Simple, intuitive controls are designed to make the 6E a highly productive tractor for almost any operator.

4

Instructional seat is perfect for training new operators, the optional instruction seat offers comfortable, easy-to-stow seating for trainees.

PRODUCTIVITY STARTS WITH POWERTECH™

With a Final Tier 4, PowerTech™ engine under the hood, you can count on clean, consistent power, and class-leading fluid economy.

Productivity is the name of the game on a 6E and everything about the PowerTech™ engine is geared toward keeping you moving. Daily service checks are simple and quick so you're ready to roll in no time. You won't have to complete numerous parked DPF regenerations, either. Simply leave the regeneration switch in auto mode and keep on working. And John Deere durability comes standard. That means more uptime to help you accomplish the many tasks that are required during your busy day.

The 6E also raises the bar on utility tractor efficiency and performance. High-pressure common rail fuel injection provides reliable power at lower engine speeds, helping maximize fuel efficiency. There is also a torque reserve to give you that extra muscle to meet changing conditions.

*Every 6E Series Tractor is backed by the trusted John Deere name ... and a two-year, 2,000-hour warranty.**

	6105E	6120E	6135E
4.5 L Engine	PowerTech PWL	PowerTech PWL	PowerTech PWS
Emission Level	Final Tier 4	Final Tier 4	Final Tier 4
Cylinders	4	4	4
Engine HP†	105 (88.3 kW)	120 (89.5 kW)	135 (100.6 kW)
PTO HP	89 (66.4 kW)	102 (76.1 kW)	115 (85.8 kW)
Injection	HPCR electronic	HPCR electronic	HPCR electronic
Rated Engine Speed (RPM)	2,200	2,200	2,200

† Manufacturer's estimate of power (ISO) per 97/68/EC.

± Hour and/or usage limitations apply and vary by model. The warranty for new John Deere agricultural and turf equipment is set forth in a separate document provided by the dealer. Contact your local dealer for more information.





Durable components help keep maintenance costs low, while easy service access and efficient design help improve uptime. All of this supports long-term productivity and value.



Simple to service; a big part of the 6E value story. A robust Diesel Particulate Filter (DPF) system is designed for easy maintenance with automated regeneration cycles and on-screen service prompts. By automatically removing accumulated soot and minimizing manual intervention, the DPF helps keep tractors operating at peak performance for maximum uptime.

GEAR UP FOR UTILITY WORK



Be Smooth

The PowrReverser helps you smoothly change directions without needing to change gears or touch the clutch, which is a must-have for loader work.



Shift on the Fly

Don't stop to change gears. The 6E transmissions are synchronized when shifting from B to C, C to D and D to C ranges.





YOU HAVE OPTIONS

With two PowrReverser™ choices with creeper mode, you can adjust your speed to tasks you are performing.

Want to overcome varying field conditions? Need a loader-loving shuttle shift for clutch-free forward and reverse? Want to shift on the fly to get more work done?

You got it.

The 6E has two choices to meet your needs. The standard 12F/12R PowrReverser and the optional 24F/12R hi-lo PowrReverser, both of which give you a number of options to choose in fine-tuning your speed to

the PTO and application. The 6E Series also offers an optional creeper transmission, which is an enhancement to the PowrReverser gearbox. This adds a dedicated ultra low speed range for precision work.

If your day includes loading, you'll love the one-finger simplicity of the PowrReverser. To change direction you simply push the lever on the left side of your steering wheel forward or back and you'll change direction without the need to hit the brakes or engage the clutch. The optional PowrReverser modulation kit allows you to change how quickly your direction changes happen.

6E TRACTORS TECHNOLOGY



PRODUCTIVITY-FOCUSED INTELLIGENCE FOR ENHANCED CONTROL AND EFFICIENCY



JDLink™ Modem

Seamlessly exchange data between your equipment and your John Deere Operations Center™ account through a JDLink connection.¹ With convenient remote access, you can improve diagnostics and troubleshooting while keeping a closer eye on machine and field data. View vital information from anywhere, at any time, and enable machine to machine communication to help you drive a more efficient farming operation.



AutoTrac™ Universal 300

AutoTrac Universal 300 is a portable guidance solution that supports operator productivity by maintaining consistent accuracy and efficiency, allowing operators to confidently create evenly spaced rows even in challenging conditions like rain, dust, or fog. It also helps enable consistent passes, supports operator comfort, and provides the flexibility to move the guidance system between machines throughout the season.



G5 Universal Display

The G5 Universal Display is designed to provide an intuitive interface for managing precision ag applications across a range of equipment. With a large 10.1 inch (25.7 cm), high-definition touchscreen, fast processing, and customizable options, it helps support visibility to key information and enables efficient operation and data documentation.



StarFire™ 7500 Receiver

The StarFire™ 7500 Receiver is designed to deliver reliable positioning and guidance to support consistent field performance. Featuring reliable satellite coverage, fast signal acquisition, and exceptional pass-to-pass accuracy, it helps improve efficiency, reduce overlap, and support repeatable field operations.



Equipment Mobile App

The Equipment Mobile app helps you keep your equipment ready for demanding tasks with maintenance information and instructions, parts information, and other specifics that are vital to machine health and performance. It provides factory-installed maintenance plans that can give you step-by-step instructions on the specific components of your machine you should inspect at certain points in time. By utilizing these intuitive maintenance schedules, you can help ensure your equipment stays in top condition.

¹ JDLink™ hardware comes standard with the machine. You 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.

GET READY TO MOVE MOUNTAINS

With a 6E and M Series Loader, you've got a team built to dig in and get it done. When your loader matches your tractor, you've got a big win in the productivity column. And that's exactly what you'll get with a 600M Series Loader and the John Deere 6E.

Versatility is the name of the game here. The durable and powerful 600M loader is available in both Mechanical Self-Leveling and Non-Self Leveling options. Go from moving bales to stacking pallets. Move several tons of gravel, then get on to the next chore. There's nothing here to slow you down.

The low torque tube and concealed oil lines improve visibility. Integrated parking stands make it easy for quick, tool-free removal and attachment. Each model can be delivered with a factory-installed loader, making it ready for lifting chores immediately.

The green on green advantage is real, and you can see it in action every day when you run a 6E and M Series Loader.

With 3,946 pounds (1,790 kg) of lift capacity, a 600M Self-Leveling Loader handles round bales, and can even lift and stack two 5X6 bales easily.

You can depend on true loader/tractor integration to give you the strength and reliability you need, year after year, for increased productivity.



Cast steel components add strength and durability.



Concealed oil lines improve visibility and protect the hydraulic system from damage.



The global carrier – with its single lever for attachments – helps you move from job to job quickly.

False rod bucket cylinders require a smaller displacement of oil on the head end of the cylinder allowing the cylinder to dump significantly faster than a normal cylinder. The result? Faster bucket dumping cycle times. (False rod bucket cylinders are only available on Mechanical Self-Leveling configurations.)

The low torque tube and redesigned attachment carrier improves visibility, making it easier to operate and switch attachments. With a wide range of John Deere and Frontier attachments you can quickly go from moving bales, to moving pallets, to loading the feed mixer.

Concealed oil lines, routed through the boom arm and torque tube, protect the hydraulic system.



HEAVY LIFTING- ALL IN A DAY'S WORK



Loader Control

The loader control is comfortably located right where your hand will be, making it easy to reach and use. 20 gpm (1.26 L/min) of hydraulic flow makes for faster loader cycle times.



Two or Three SCVs

The 6E comes standard with an intuitive hydraulic stack featuring two color-coded and numbered SCVs to make your job easier. An optional third deluxe SCV with flow control is also available.



Category II Drawbar

The Category II drawbar can handle big implements like flex-wing rotary cutters.

LIVE TO LIFT

Up front or out back, the 6E delivers the one-two punch.

The numbers tell the real story here. The 6E delivers 20 gpm (75 L/min) of hydraulic flow at 2,828 psi, so you can handle some heavy lifting up front. And cycle loads faster and more efficiently.

Out back, the hard-working Category II 3-point hitch has 5,500 pounds (2,484 kg) of lift capacity, so big rotary cutters and 2,000 pound (907 kg) round bales are all in a day's work. Each 6E comes standard with two SCVs and is available with a third SCV with flow control so you can match power to the implement for consistent results.

If you need even more power, you've got it. The optional heavy-duty hitch package pushes lift capacity to 7,300 pounds (3,311 kg).



Lift capacity for the 6E Series 3-point hitch is an impressive 5,500 pounds (2,494 kg) at 24 inches (61 cm) behind the lift point, with an optional 7,300 pounds (3,311 kg) of lift capability available, more than enough for round bales, heavy seeders, or a tillage tool.



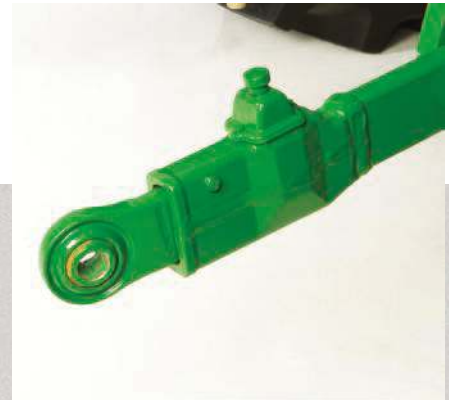
Console Control

The conveniently located console makes operating the hitch intuitive. Raise and lower the hitch with the control lever and set the stop knob for preset depth.



Sway Bars

With optional sway bars featuring sway control, hook up and adjustment are easy.



Draft Arms

Telescoping draft arms make implement hook up faster and easier.

MATCH UP TO ANY IMPLEMENT... AND GO

With the powerful, reversible PTO, you'll move from chore to chore with ease.

If you've got a day filled with just about every type of application there is, the 6E has the answer.

Bring it on!

Whether you're baling, chipping wood, digging postholes, running a grinder/mixer or pulling a flex-wing mower, you'll have the power to get it done.

The electrohydraulic engagement system allows you to power the PTO up or down with one simple move. Because the PTO is fully independent, you can handle tough, start-and-stop conditions. It keeps the power flowing whether you're clutching, stopping or changing gears, and can quickly switch from 540 to 1000 rpm, making it easy to handle any implement you've got... even those requiring higher power within a constant power range.



Take on a wide range of PTO-powered jobs with the 540/1000 RPM independent PTO system.



The 6E Series includes both the PTO Neutral Safety Start System and the Seat-Activated PTO Warning.

The 540/1000 rpm PTO shaft is easily reversible because of the dry sump PTO housing.

Engaging the PTO is an easy, smooth push-pull operation. And because the system is independent, stopping or downshifting the tractor won't change the PTO rpm levels.



The 540/1000 PTO allows you to operate a wide range of implements; run your posthole digger, round baler, rotary cutter, and many other attachments.



JOHN DEERE AND FRONTIER EQUIPMENT: THE GET-IT-DONE GREEN TEAM

John Deere and Frontier equipment are a perfect fit for performance, uptime and value.

With a complete line of tools covering a wide array of jobs, Frontier Equipment is your first and last stop for front- or rear-mounted implements and attachments.



Stop by your John Deere dealer, or visit us online to find out more about our complete line of attachments from John Deere and Frontier Equipment, including:

Box blades
Overseeders
Rotary rakes
Soil pulverizers
Manure spreaders
Disc mowers

Rotary tillers
Disk
Sickle mowers
Posthole diggers
Wheel rakes
Rear blades

Core aerators
Offset disks
Wood chippers
Bale huggers
Bale spears
Rotary cutters

Grooming mowers
Teddars
Snowblowers
Bale wrapper
Food plot seeders
Land planes



- 1 **Frontier Equipment Bale Carrier**
Handle large round bales with a 6E Tractor and a Frontier Equipment Bale Carrier.
BC1108 Bale Carrier shown.

- 2 **Frontier Manure Spreaders**
Put a 6E Tractor in front of any of the Frontier Manure Spreaders, and you're making quick, easy work of even the dirtiest jobs.

- 3 **Frontier Grinder Mixer**
Grind and mix your own feed with a 6E Tractor and a Frontier Equipment Grinder Mixer.
GX1117 Grinder Mixer shown.

- 4 **Frontier Grooming Mowers**
Athletic fields, municipal parks, or large landscape installations... give them all a quality cut with 6E Series Tractors and Frontier Grooming Mowers.



REASSURANCE TO KEEP YOU IN THE FIELD

With the purchase of a new John Deere 6E Tractor, you can get additional peace of mind with a PowerGard™ extended warranty and a John Deere Protect™ extended service plan. Both will help you manage expenses, increase uptime, and maintain original performance related to the ownership and operation of 6E Tractors.¹

PowerGard

You can buy a PowerGard Protection Plan² from the date of tractor delivery up to 12 months or 1,000 engine hours with no surcharges. After this period, you can still purchase a plan within 24 months or 2,000 engine hours from the date of delivery.

Length of terms includes 36, 48, 60, or 72 months for both *Comprehensive Plans* (main components of entire machine) and *Limited Plans* (main components of engine and powertrain).

PowerGard also offers the following benefits:

- No pre-approval of claims necessary
- Availability of service at any authorized John Deere dealership
- John Deere OEM parts used for all repairs
- Transferability to a new owner

Learn more about PowerGard plans at JohnDeere.com/PowerGard or JohnDeere.ca/PowerGard.

¹ All new John Deere tractors purchased from an authorized John Deere dealer come standard with a 12 month/unlimited hours (full machine) warranty and 24 month/2000 hours (engine only) warranty. Terms, conditions, exclusions, and warranty limitations apply. See your John Deere dealer or JohnDeere.com and JohnDeere.ca for details.

² The PowerGard Protection Plan (comprehensive or limited) does not cover headers, attachments, maintenance, or high-wear items, nor other non-covered components specifically mentioned in the contract terms.

RUN IT YOUR WAY

When you choose John Deere, you get more than just horsepower. You get game-changing technology that provides clear, reliable information for you to get the most out of your new 6E Tractor.

With digital tools like **John Deere Operations Center™** and **Equipment Mobile** — along with the convenience of purchasing parts, attachments, and accessories online at **Shop.Deere.com** or **Shop.Deere.com/ca** — it's now easier to use, maintain, diagnose, repair, and protect your tractor for the long run.

Whether you perform the work yourself — or partner with your local John Deere dealer and/or alternative service provider — be sure to keep running with products and parts made for your new tractor.

Learn more at JohnDeere.com/RunItYourWay or JohnDeere.ca/RunItYourWay.



Oils

PLUS-50™ II SAE 15W-40 engine oil and HyGard™ transmission/hydraulic oil are specially formulated to enhance the performance of John Deere tractors.



Filters

From oil, fuel, and transmission filters to air and diesel exhaust fluid (DEF) filters, John Deere manufactures OEM replacements for tractors.



Greases & Lubricants

John Deere produces a proprietary line of greases and lubricants for its equipment to help owners keep up with routine maintenance.



Hydraulic Hoses

Your local John Deere dealer can replace worn or damaged hydraulic hoses on your tractor with all new hoses.



SCV Components

Change out worn selective control valve (SCV) components — like couplers and valve spools — with new John Deere parts.



Equipment Mobile

Use Equipment Mobile to easily track service intervals, view Operator's Manual, and access parts information for your tractor. Download for free.

**ORDER FROM YOUR LOCAL JOHN DEERE DEALER
IN-STORE OR ONLINE AT SHOP.DEERE.COM
OR SHOP.DEERE.COM/CA**

6E

TRACTORS



	6105E	6120E	6135E
POWER * estimated			
Rated PTO power (hp SAE) at engine speed (2100 erpm)	89 hp (66 kW)	102 hp (76 kW)	115 hp (86 kW)
Rated Engine power hp (hp ISO) at 2200 engine rpm (97/68EC)*	105 hp (77 kW)	120 hp (88 kW)	135 hp (99 kW)
Engine Peak Torque (Nm) (xx% @ 1600rpm)	432 N-m (318 lb.-ft)	494 N-m (364 lb.-ft)	539 N-m (397 lb.-ft)
Constant Power Range (rpm)	1800 - 2200 rpm		1900 - 2200 rpm
ENGINE			
Manufacturer (US EPA Interim Tier4/EU Stage IIIB)	PowerTech™ PWL (B20 Diesel Compatible)	PowerTech™ PWL (B20 Diesel Compatible)	PowerTech™ PWS (B20 Diesel Compatible)
Rated Speed	2,200 rpm		
Type	Diesel, in-line, 4-cylinder, wet-sleeve cylinder liners with 4 valves-in-head		
Aspiration (US EPA Interim Tier4/EU Stage IIIB)	Wastegate turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation		
Filter, engine air	Dual stage with aspiration		
Displacement	275 cu. In. (4.5L)		
Bore and stroke	4.17 in. (106 mm) x 5.00 in. (127 mm)		
Compression ratio	16.8:1		
Lubrication	Full-pressure, full-flow filtration with bypass		
Filter, oil	Replaceable cartridge style oil filter		
TRANSMISSION			
12F/12R Top Shaft Synchronized (TSS) Transmission w/ PowrReverser (30K)	Standard		
24F/12R Top Shaft Synchronized (TSS) Transmission w/ PowrReverser and Hi Lo (40 k)	Option		
AXLES			
Rear Axle Final Drive	Inboard planetary		
Rear Axle - Flange	Standard		
2WD – tread range 60.4 to 80.4 in. (1533 to 2043 mm)	Optional	N/A	
MFWD – tread range 59.7 to 79.4 in. (1516 to 2016 mm)		Standard	
DIFFERENTIAL LOCK			
Front Axle - 2WD	N/A		
Front Axle - MFWD	Limited Slip		
Rear Axle - Full-Locking mechanical	Standard		
HYDRAULIC SYSTEM (type)			
	Open center, gear driven		
Selective control valves	2 Mechanical SCVs Standard; 3 Mechanical SCVs Optional		
Main pump, axial piston (displacement)	36.5 cc		
Maximum pressure	2,828 psi (19,500 kPa)		
Rated flow (@ 90% Advertised Efficiency)	20 US gpm/75.7 lpm		
Available flow at a single SCV	20 US gpm/75.7 lpm		
3-POINT HITCH (rear) - Electrohydraulic Sensing			
Category 2 (5500 lbs (2500 kg) Standard Lift @ 610mm behind hitchpoint)	Standard		
Category 2 (7300 lbs (3318 kg) Heavy Duty Lift @ 610mm behind hitchpoint)	Optional		
Draft Sensing	Optional		
DRAWBAR			
Cat 2 1000 kg (2205 lb.) - 1250 kg (2756 lb.) Maximum Vertical Load dependent on drawbar position	Standard		
Cat 2 1200 kg (2645 lb.) - 1900 kg (4189 lb.) Maximum Vertical Load dependent on drawbar position	Optional		
PTO (power take off)	Independent		
1-3/8 in., 540/1000 reversible shaft	Standard		
PTO Speed @ Engine RPM	540 PTO @ 2085 Engine rpm or 1000 PTO @ 2067 Engine rpm		
WHEELBASE			
2WD	96.7 in. (2456 mm)		
MFWD	96.5 in. (2450 mm)		
Max Ballast Level	14250 lb (6464 kg)		
Max Payload Capacity	17636 lb (8000 kg)		

Nominal data is metric. Standard data is converted from metric data. Use metric for all calculations. US EPA Interim Tier4/EU Stage IIIB Tractor power and specifications. Manufacturers Estimates.

* 97/68/EC power refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. It is equivalent to internal Deere Standard RES10080, and SAE Standards J1349, J1995.

YOU HAVE A LOYAL SIDEKICK,
SO SHOULD YOUR OPERATION.

As you face the demands of your day, it's good to have company you can count on. You can rely on us when you need financing for your operation. With John Deere Financial, you have a resource that gives you many options to choose from.

*At the end of the day —
and every day forward —
we'll be there at your side.*



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