

# NEW 6E Series

105–135 Engine Horsepower Utility Tractors



*Everything you need.  
Nothing you don't.*



## Versatile. | Reliable. | Economical.

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*





**Cab or open station.  
2WD or MFWD.**

*More applications.  
More implements.  
More budgets.*



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## The 6E Series Tractors

Model	Engine Horsepower <sup>‡</sup>
6105E	105 hp (89 PTO hp)
6120E	120 hp (102 PTO hp)
6135E	135 hp (115 PTO hp)

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



***Presenting the John Deere 6E ... this is what a utility tractor should be. A no-nonsense machine built to take on just about any utility chore you've got on the ranch, farm, roadside or worksite. And the newest member of the popular line of affordable E Series Tractors.***

Got a hay field to cut? A roadside to mow? A drive to maintain? Need a tractor that's at home pulling a baler or rake, lifting dense round bales, loading the feed mixer or moving a mountain of gravel? With the 6E, versatility is the name of the game.

Go for the utility tractor that's known for durability, performance and efficiency ... choose 105-135 hp, open operator station or cab, 2WD or MFWD, and get the performance that goes with it.

You'll get everything you need. And nothing you don't.







*Easy-to-operate, economical ...  
and ready to go the distance*

*We took the performance, class-leading low cost-of-operation, and legendary ease-of-use the John Deere 6D was known for ... and made it even better.*



## *Everything right where it should be*

*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.

Of course, when Mother Nature chooses to make the day more challenging, you'll be right at home in the climate controlled cab – incredibly comfortable for such an economical utility tractor.

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 made to keep you comfortable.







- 1 **Stay comfortable all day long:** One of the most comfortable cabs you can get on a value-spec utility tractor.
- 2 **15 degrees of seat swivel** will help you feel less fatigued if you back frequently, spend all day pulling an implement or handle transport chores.
- 3 **Instructional seat.** Perfect for training new operators, the optional instruction seat offers comfortable, easy-to-stow seating for trainees.
- 4 **Simple, intuitive controls** make the 6E a highly productive utility tractor for any operator.



## *Productivity starts with PowerTech™*

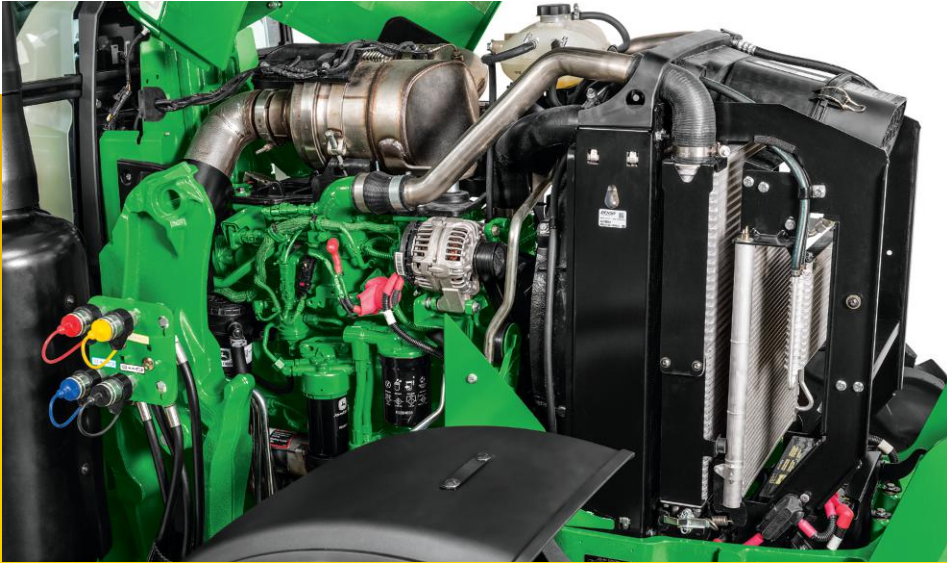
*With a Final Tier 4, PowerTech™ engine under the hood, you can count on clean, consistent power, and class-leading fluid economy.*

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 less downtime so you can stay on the job and get more done.

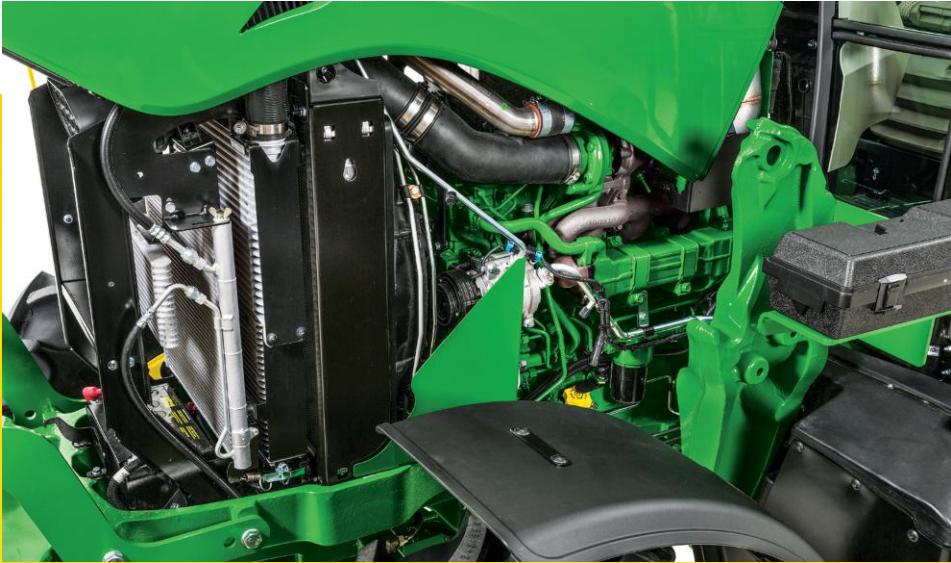
The 6E also raises the bar on utility tractor efficiency and performance. High-pressure common rail fuel injection provides superior, predictable power at lower engine speeds for maximizing fuel efficiency. And there's a torque reserve to give you that extra muscle to meet changing conditions.







**Low cost of operation** goes beyond fluid economy. The 6E maintains the low cost of maintenance that made the 6D so popular.



**Simple to service** ... it's a big part of the 6E value story. Regular maintenance checks are easy so you can get on the job quick. The lifetime DPF filter won't require costly or time-consuming replacement either.

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

	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 <sup>‡</sup>	105	120	135
PTO hp	89	102	115
Injection	HPCR electronic	HPCR electronic	HPCR electronic
Rated engine speed (rpm)	2200	2200	2200

\*All models meet U.S. federal emissions regulations while increasing horsepower and fuel efficiency. ‡ Manufacturer's estimate of power (ISO) per 97/68/EC.  
±Hour and/or usage limitations apply and vary by model. See the LIMITED WARRANTY FOR NEW JOHN DEERE AGRICULTURAL EQUIPMENT at dealer for details.



## *Gear up for utility work*

*With two PowrReverser™ transmission choices, you'll find the speed you need for the work you do.*

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. With the reliable, oil-cooled clutch, shifting gears and ranges while moving is easy while reducing maintenance needs over the long haul.

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.







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



Shift on the fly: Don't stop to change gears. The 6E transmissions are synchrozed when shifting from B to C, C to D and D to C ranges



Get 11 speeds in the working range of 5 to 13 miles per hour (8 to 20 km/h) and a top transport speed of 25 mph (40 km/h) with the optional 24/12 transmission.



## Get ready to move mountains

*With a 6E and H 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 an H Series Loader and the John Deere 6E.

Versatility is the name of the game here. 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 so you can move faster. Integrated parking stands make it easy for quick, tool-free removal and attachment. And with the optional loader-ready package, your tractor will be ready for a loader directly from the factory.

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



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



With 3,946 pounds (1789 kg) of lift capacity, an H Series Loader handles round bales ... and can even lift and stack two 5X6 bales easily.



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.)

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

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

Cast steel components add strength and durability.



## H Series Loader and Tractor Compatibility

Model #	Tractor Compatibility	Leveling Options
H260	5M   5083-5101E   6E	NSL or MSL
H310	6E   5M   6105-6125M/R	NSL or MSL



## Heavy lifting is all in a day's work

*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 lpm) 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 (2484 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.

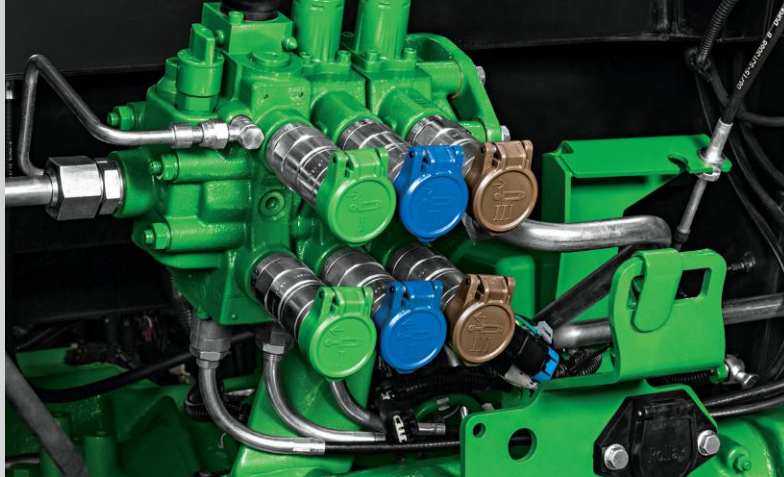
If you need even more power, you've got it. The optional heavy-duty hitch package pushes lift capacity to 7,300 pounds (3311 kg).

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



Lift capacity for the 6E Series 3-point hitch is an impressive 5,500 pounds (2494 kg) at 24 inches behind the lift point, with an optional 7,300 pounds (3311 kg) of lift capability available ... more than enough for round bales, heavy seeders, or a tillage tool.





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.



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.



- 1 The Category II drawbar can handle big implements like flex-wing rotary cutters.
- 2 With optional sway bars featuring sway control, hook up and adjustment are easy.

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 switching from 540 to 1000 rpm takes less than 30 seconds, 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 in less than 30 seconds 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 lets you operate the widest possible variety of implements; run your posthole digger, round baler, square baler, or just about any other implement.



# *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*

*Core aerators*

*Offset disks*

*Wood chippers*

*Bale huggers*

*Bale spears*

*Rotary cutters*

*Rotary tillers*

*Disk*

*Sickle mowers*

*Posthole diggers*

*Wheel rakes*

*Rear blades*

*Grooming mowers*

*Tedders*

*Snowblowers*

*Bale wrapper*

*Food plot seeders*

*Land planes*







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

2. 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. Save money by grinding and mixing your own feed with a 6E Tractor and a Frontier Equipment Grinder Mixer.  
*GX1117 Grinder Mixer shown.*

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





## *Time tested, farmer approved*

*Producers around the world trust us to help them succeed, making John Deere one of the top names in agricultural equipment. They know they can trust and rely on our products, service, and support.*

*When you invest in a John Deere, you get more than the latest tractor technology. You get the unmatched support of your John Deere dealer. Whether you need routine service and parts, in-field repair ... or just some friendly advice, John Deere and your local dealer are committed to your success. Your success is our success ... and it's been that way for more than 175 years.*

### John Deere **PowerGard™** Protection Plan<sup>+</sup>

**All John Deere tractors come with a 24 total month/2,000 total hour factory basic limited warranty.\*\*** For greater control over the unexpected, it pays to check out our PowerGard Protection Plans<sup>+</sup>. A broad range of plans are available to match your usage, trade cycles, and budget. See your dealer for pricing and details, or go online to [www.powergard.com](http://www.powergard.com) or [www.powergard.ca](http://www.powergard.ca).

<sup>+</sup>PowerGard Protection Plan extended warranty covers failures due to defective materials or original workmanship of covered components. Customers have a choice between either the Limited (engine & powertrain) coverage form or the Comprehensive (full-machine) coverage form. See your dealer or [www.deere.ca](http://www.deere.ca) for details.

\*\*Warranty coverage includes both parts and labor when your dealer installs the component on your machine, otherwise the coverage is for parts only. See your dealer, [www.deere.com](http://www.deere.com) or [www.deere.ca](http://www.deere.ca) for details.



Not enough time in your day?

**+ Add more.**

Optional LED lighting provides daytime color output for excellent field definition. Plus, LED bulbs have a significantly longer service life compared to halogen bulbs and reduce drain on the battery and alternator.



#### Tractor Utility Box

With loads of capacity, two removable shelves and innovative front door and lid design, this new tractor utility box breaks new ground for convenience, versatility and rugged design.

**+ Add more comfort, convenience, security, productivity ...**

Set your tractor up just the way you want by adding quality John Deere attachments and accessories. Plus, when it comes time to trade or sell, your investment could be worth more. This is just a sampling of the attachments available for the 6E Series Tractors. See your John Deere dealer for all your parts and attachments needs.



#### Door Locks

The door lock kit features a new handle and high-security dedicated cab door key that is different from the standard ignition key.



#### Instructor Seat

Foldable seat provides space for instructor. Includes seat belt and rear netting for additional storage.



#### Tool Box

This lockable tool box with a convenient carrying handle holds tools and a selection of linkage balls, hitch and lynch pins for implement attachment.

#### Accessory Mounting Bracket Kit

The new mounting bracket kit allows the operator to mount, adjust and position key controls and displays within the cab for maximum accessibility without compromising visibility. Shown with Cell Phone Mount and Tablet Mount Kits.



#### Canopies

Beat the summer heat and protect yourself from UV rays with a canopy or umbrella from John Deere. For your comfort and convenience, the umbrellas' fore/aft and height can be adjusted. The umbrella also features a 54-inch (1.37 m) water-resistant canvas and easy no-drilling installation.



#### Rear Wheel Weights

Add these convenient, easy-to-attach rear wheel weights to ballast your 6E Tractor for improved traction and performance.



#### Lockable fuel and DEF Caps

Protect yourself against vandalism or fuel/DEF theft. Caps are designed to fit on current and previous tractor models.



#### Beacon Lights

Being visible to others on the road is important. John Deere beacon light kits bring on-road visibility to a whole new level. For your convenience, a cab-mounted rocker switch turns the light on and off.



## 6E Series Specifications





	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 IIlb)	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 IIlb)	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 IIlb 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.



U.S.A. [www.JohnDeereFinancial.com](http://www.JohnDeereFinancial.com) | Canada [www.JohnDeereFinancial.ca](http://www.JohnDeereFinancial.ca)



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DSAA64339 Litho in U.S.A. (15-09)

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