





# The 8030 Series: More powerful. More fuel-efficient. More versatile.

For more than a decade John Deere 8000 Series Tractors have established a proven track record of legendary pulling power.

The 8030 Series carries on this legacy. A PowerTech Plus 9.0 L engine boasts increased power and record-breaking fuel efficiency that helps keep your operating costs low.

Add the Infinitely Variable Transmission (IVT™) for striking performance and additional fuel savings. You get the versatility of a hydrostatic/mechanical transmission utilizing a planetary drive for greater efficiency. Speed changes are seamless.

It's only part of the equation that adds up to low operating costs and high productivity.

- Check out these standard features:**
- PowerTech Plus™ 9.0 L engine
  - Vari-Cool™ cooling system
  - Roomy, quiet cab
  - Updated CommandCenter™ console
  - Integrated SmartCircuit™ CAN-bus electronics
  - Refined, field-proven 16F/4R-speed Automatic PowerShift Transmission
  - Improved hydraulic flow, hitch-lift capacity
  - GreenStar™AutoTrac-Ready (all model-year 2008 MFWD 8030 Series Tractors)
  - Acre-stretching, 180-gallon fuel tank (130 gallon on track tractors)
  - Updated, easy-to-read cornerpost monitor

- Load up on the options you need:**
- NEW 31-mph Value Package Option now available with row-crop dual tires (see page 29)
  - NEW Controlled Traffic Wheel Spacers (see your dealer for details)
  - 1500 Series Front Axle (you can add front duals without adding ILS; see page 19)
  - Intelligent Power Management option (gives you up to an extra 35 engine hp for transport or mobile rear PTO applications; see page 24)
  - Infinitely Variable Transmission (IVT is base equipment on 8530, unavailable on tracks)
  - Cat 4N/3 rear hitch (unavailable on tracks)
  - GreenStar 2 color display from John Deere Ag Management Systems
  - Exclusive John Deere ActiveSeat™ (unavailable for tracks)
  - Exclusive front Independent Link Suspension (ILS™ is base equipment on 8430 and 8530)
  - Cat 3N front hitch for 8030 Series Tractors with ILS
  - Large, Group 48 rear tires (standard on 8530)
  - FieldVision™ high-intensity discharge lighting (front and rear)



**One 2WD model**  
**8130** – 180 PTO hp

**Five MFWD models**  
**8130** – 180 PTO hp    **8230** – 200 PTO hp  
**8330** – 225 PTO hp    **8430** – 250 PTO hp  
**8530** – 275 PTO hp

**Five MFWD models with front Independent Link Suspension**  
**8130** – 180 PTO hp    **8230** – 200 PTO hp  
**8330** – 225 PTO hp    **8430** – 250 PTO hp  
**8530** – 275 PTO hp

**Three track models**  
**8230T** – 200 PTO hp    **8330T** – 235 PTO hp  
**8430T** – 255 PTO hp

**RECORD-SETTING FUEL ECONOMY!**  
*The 8430 set the record as the most fuel-efficient row-crop tractor ever tested at the Nebraska Tractor Test Lab. See page 8.*

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Visit [www.JohnDeere.com/8030](http://www.JohnDeere.com/8030) for more details, or use the online product configurator to build and price your new tractor.



# Enjoy stunning views and first-class comfort inside the CommandView cab

You'll enjoy going to the office day after day when you work inside the updated, spacious and quiet CommandView cab.

Look out the front windshield. Notice how the narrow hood profile provides excellent visibility to the tires and ground.

Intuitive, color-coded controls are all placed within close reach and view. Bright digital gauges and backlit controls ease eye strain – day or night.

The Air Quality System pressurizes air inside the cab to keep dust out, and provide a continuous supply of clean, fresh air. The optional, automatic ClimaTrak™ temperature control system, maintains pre-set temperature levels. Set it once, and forget it.

Want an extra touch of luxury? Add the leather trim package and enjoy a leather wrapped steering wheel, and heated-leather seat.

It's first-class comfort you'll appreciate day after day.

**Enjoy first-class comfort and convenience that helps reduce operator fatigue during those long days in the field.**



**A convenient beverage cooler** (above left) keep your drinks cold.

**Provide power to your cell phone, computer, or other accessories** with this handy three-prong outlet. Keep your devices powered up, even with the tractor key turned off (included with optional Deluxe Cab).

**The exclusive John Deere ActiveSeat option** (left) isolates you from up to 90 percent of the vertical seat movement. This industry-best seat lets you work at fast speeds, with greater comfort, and less fatigue (leather ActiveSeat option shown above).

**Step up and to an unprecedented level of comfort** with the impressive John Deere CommandView cab.





# Maximize your productivity with easy-to-use fingertip controls

Inside the spacious cab, displays and controls surround you, putting everything you need within easy reach and close view.

The exclusive CommandARM™ console places vital tractor controls at your fingertips.

The Automatic PowerShift, AutoTrac resume switch, engine throttle, speed control lever, hydraulic SCV controls, 3-point hitch, and IMS sequence switch, are all push-button easy.

The updated CommandCenter LCD screen lets you monitor and customize more than 20 different tractor functions such as percent slip, gallons-per-hour, acres per hour, time-to-empty and more.

Plus, you can change or adjust tractor performance settings for the PowerShift, IVT, or rear PTO. Change backlighting options or language settings to best fit your operation.

It's an unprecedented level of in-cab convenience that can maximize your productivity.

**We make tractor operation simple so you can focus on the other important aspects of managing your business.**



Whether you're an experienced operator, or a first-timer, driving the 8030 Series is hassle-free.

## Total tractor control that's within easy reach, close view

- 1. Illuminated monitor**, located on the right-hand ROPS cornerpost, displays fuel level, temperature, oil pressure, engine speed, gear selection, ground speed, plus stop-engine and warning alerts.
- 2. GreenStar-Ready wiring harness and implement connector (ISO compatible).**
- 3. ISO Radar connector.**
- 4. Electrohydraulic SCVs and 3-point hitch controls.** A fifth SCV is available as a field-installed option.
- 5. The exclusive CommandARM console** can be raised or lowered to fine-tune comfort. You get fingertip control of tractor hydraulics, throttle, gear selection, rear hitch, and more.
- 6. The CommandCenter LCD display** provides service and information alerts. Easily track engine, transmission, electrical, and hydraulic systems. Program tractor performance settings, or set it to display readings in multiple languages.
- 7. Exclusive Implement Management System (IMS)** lets you operate multiple tractor functions simultaneously. There are two sequence buttons that provide up to 20 learned commands.
- 8. Industry-leading, exclusive TouchSet™ hydraulic controls** let you adjust flow and timed-rate detents for each individual hydraulic coupler. Make adjustments from the seat and on-the-go for increased productivity.
- 9. Service ADVISOR™ connector** lets service technicians plug in computers and use Service ADVISOR to quickly diagnose and solve problems, to keep your investment up and running.
- 10. Heating, cooling, extremity lighting, and wipers** can also be managed from the right-hand console.



AutoTrac resume switch installed here on AutoTrac-equipped tractors.



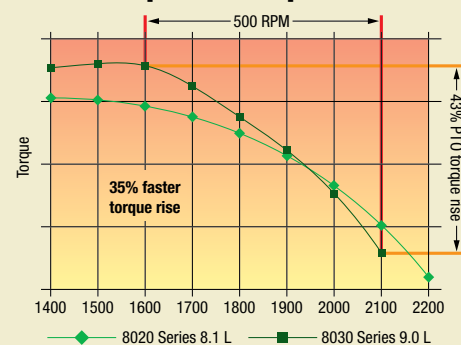
# The 8030 Series: Legendary pulling power, record-setting fuel economy

Turn the key and experience the thunderous power of the 9.0 L PowerTech Plus engine. Choose the horsepower level right for your operation with models from 180 to 275 PTO hp.

Plus, a John Deere 8430 set the record as the most fuel-efficient\* row-crop tractor ever tested at the Nebraska Tractor Test Lab.

In fact, the 8430, is 8.8 percent more fuel efficient than its 8520 predecessor. That keeps your cost of ownership low!

**9.0 L PowerTech Plus Engine Torque Rise Comparison**



Note: Engine only has to drop 500 rpm to reach peak torque, giving it a 35 percent faster torque rise than its predecessor. You get a quick response to load changes.

\*John Deere 8430 with PowerShift Transmission tested at 100% PTO load at rated engine speed, 18.65 HP-HR/Gal during official test (#1873 Summary 527) at the Nebraska Tractor Test Lab.

**Tremendous Lugging Power**

- 43 percent PTO torque rise
- 13 percent PTO power bulge
- 35 percent faster torque response\*

\* Compared to 8020 Series

Meets Tier 3 emission standards.

## INTELLIGENT POWER MANAGEMENT OPTION

When full-rated power isn't quite enough, this option provides up to an extra 35 hp! See page 24.

**Variable Geometry Turbocharger** automatically tunes itself for optimal performance in all conditions. Wider vane openings increase efficiency at high speeds and load. Narrow vane openings increase boost at low speeds and load.

**Self priming fuel system** with electric pump bleeds air after the filter is changed. Fuel filter change intervals are 500 hours.

**Variable-speed mechanical fan drive** automatically adjusts its speed as needed to keep the engine and hydraulic system cool. This helps improve fuel economy and boosts pulling power for optimal performance.

**Vents on the top and sides of the hood** direct hot air up and away from the tractor and cab. This means less dust is kicked up from under the tractor while it's running. The grille screen area is 100 percent larger than before so the air flowing into the radiator slows down. This helps prevent excess crop debris from sticking to the grille screen for maximum air flow.

To accommodate new power levels, and to maintain excellent visibility from the cab, John Deere engineers started with a clean slate to design the new 8030 Series cooling system.

The result was Vari-Cool – a patented, fully integrated, high-capacity cooling system that increases fuel efficiency, enhances performance, and promotes long engine life.



**Larger radiator** improves cooling capacity and folds out for fast, easy service, or cleaning.

**All engine and cooling components work together to optimize fuel economy and to enhance performance.**



# Harness the power with an ultra- efficient IVT or rock-solid PowerShift

Choose the ideal working speed for nearly any application and boost fuel efficiency with the revolutionary, easy-to-use, John Deere Infinitely Variable Transmission (IVT).

Its operation is similar to the field-proven IVT found on John Deere 6000 and 7000 Series Tractors, but its massive design withstands the heavier workloads of the 8030 Series. Transport up to 31 mph (50km/h).

Select the preferred operating speed, choose from one of three operating modes, and the IVT automatically maintains the ideal engine speed – even while experiencing changing load conditions.

*Note: Fuel-economy boost based on factory-observed and calculated data. Comparison based on 8020 Series with Automatic PowerShift Transmission. IVT is base equipment on 8530; not available on 8030T Series Track Tractors.*

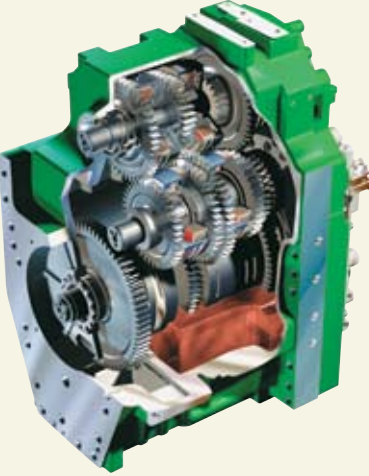
**The IVT helps boost fuel economy 3 to 15 percent depending on the application and operating mode selected.**



First introduced in 1994, the John Deere 16-speed Automatic PowerShift Transmission delivers field-proven reliability you can count on!

Now this ironclad marvel is more efficient and more productive than ever with removal of the ground-drive pump. And thanks to integrated electronics and patented closed-loop shifting, shift quality is exceptional.

PowerShift delivers the proven strength to handle sudden, high-torque power loads while maintaining responsive, application-based shifts.



**The refined PowerShift works with other tractor systems to help boost fuel economy\* by nearly nine percent.**

*\*Compared to its predecessor.*



**IVT Mode Selector** – Choose Position 1 for PTO work, and Position 2 for heavy draft applications. Select Position 3 for light tillage, planting, or transport. All positions help minimize fuel consumption automatically in any application.



**Left hand or right hand reverser IVT control** – the power of choice is yours.



**Exclusive Automatic PowerShift** helps improve fuel efficiency and productivity in most applications by making shifts automatically to match changing conditions.

**PowerShift lever** is located within easy reach on the CommandARM.





# Boost your profit and productivity with John Deere Ag Management Solutions

Make every pass more productive with integrated guidance from John Deere Ag Management Solutions.

**Start with Parallel Tracking** and the free, SF1 signal. This hands-on system lets you reduce overlap and is ideal for broad-acre tillage, seeding, and spraying.

**When you demand greater accuracy, upgrade to AutoTrac** hands-free assisted steering, and the SF2 signal. Enjoy pass-by-pass accuracy of +/- 4 inches.

AutoTrac lets you work at faster speeds so you finish more acres in less time. Plus, by minimizing implement overlap, you can decrease fuel, seed, fertilizer, and chemical costs.

Best of all you can move your John Deere guidance system from your tractor to other machines.

And for model year 2008, all MFWD 8030 Series Tractors are AutoTrac-Ready! Simply plug in your GreenStar display and StarFire receiver.

**John Deere guidance systems can help you cut fuel, fertilizer, seed, and chemical costs.**

## Signal accuracy options

The StarFire™ network provides unparalleled signal reliability:

- **SF1 – FREE**, pass-to-pass accuracy of about 1 foot
- **SF2** – pass-to-pass accuracy of +/- 4 inches
- **StarFire RTK** – Real-time kinematics with +/- 1-inch accuracy

**Note:** SF1 and SF2 – 15 minutes pass-to-pass, 95 percent of the time.  
RTK – 1-inch – within 12 miles of base station and 68 percent of the time.



**GreenStar Apex Farm Management Software** gives you more flexibility, regardless of your cropping practices. Apex goes beyond downloading GreenStar data; it also directly unloads data from third party systems and has a robust ability to import data like soil-type maps from other software packages.

## GreenStar guidance advantages

### Parallel Tracking

- Reduces implement overlap
- Improves efficiency – saves time, chemicals, and fuel
- Adjusts for satellite drift, for precise applications
- Can use on contours and with all three signal accuracy options

### AutoTrac

- Reduces overlap and drives down input costs
- Increases field operating speeds
- Can help increase yields with more accurate seed, fertilizer, and chemical placement
- Improves efficiency by maximizing full width of implement
- Reduces operator fatigue, boosts operator comfort

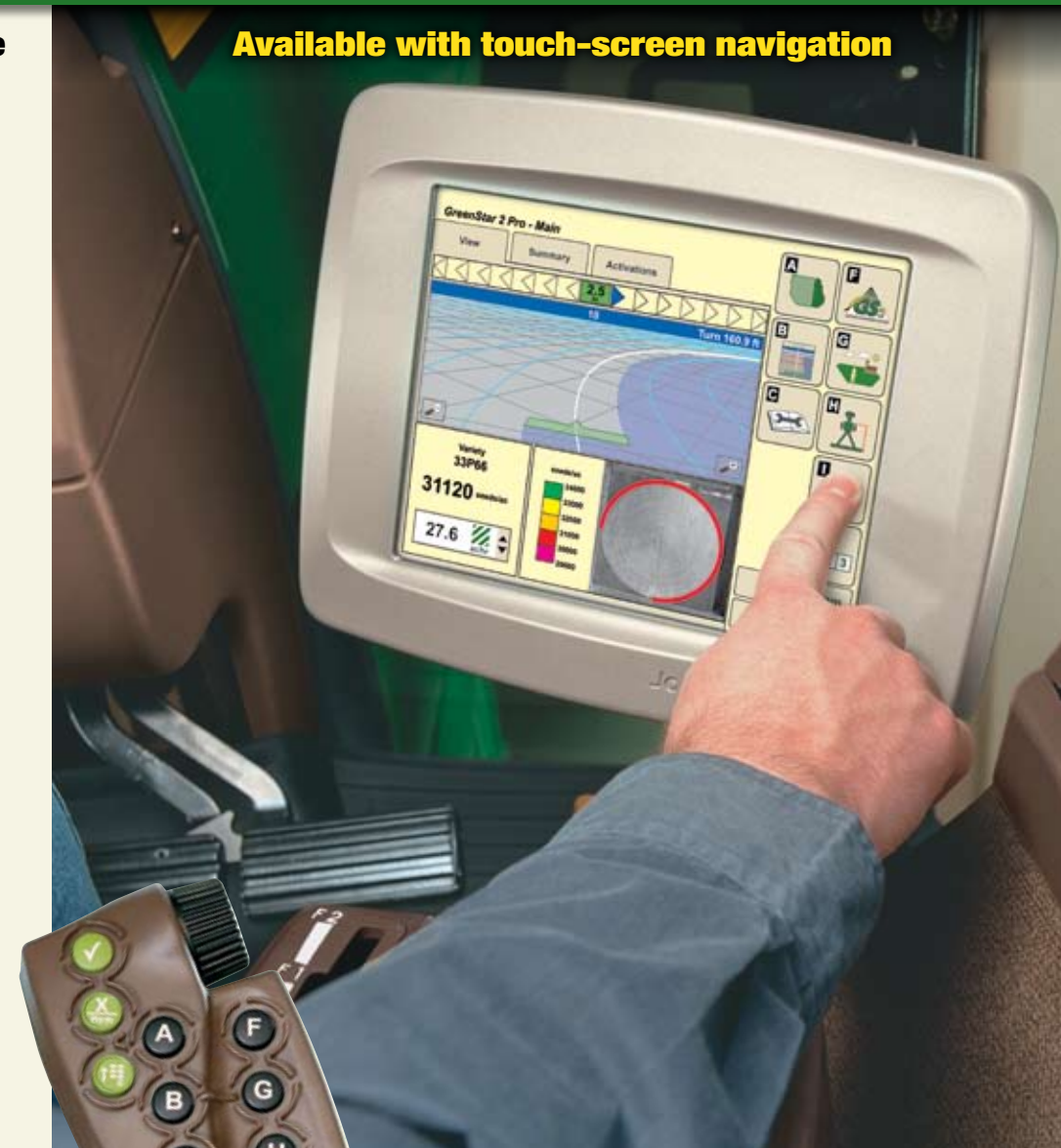
### RTK

- Most accurate guidance signal
- Reduces operator fatigue, boosts operator comfort
- Precise placement of seed, chemicals, and fertilizer
- Enhances efficiency
- Repeatable sub-inch accuracy



**The original GreenStar system** provides an affordable option for guidance and field documentation applications.

## Available with touch-screen navigation



**Optional push-button navigation**

**GreenStar 2600 display** features touch-screen navigation. It comes pre-loaded with a wide array of programs. Plus it can work as your tractor's performance monitor. Use it to control SeedStar planter and air-cart functions, AccuDepth on select tillage tools, and GS2 Rate Controller with Swath Control Pro. This consolidates bulky monitors into just one!

**You can plug in a USB-compatible keyboard** to your new GreenStar 2 display for easier data entry.

**GreenStar StarFire iTC receiver** is available in two configurations: WAAS/SF1 only, or SF2 Ready.

**Field Doc™ Data Collection Software** can turn your tractor into an information gathering machine. Working with your StarFire receiver and GreenStar monitor, this GPS-based software simplifies data collection – record field and weather conditions, tillage practices, seed varieties, and field boundaries.



# Increase your efficiency with high -capacity, quick-response hydraulics

John Deere took a reliable hydraulic system and made it even better on the 8030 Series.

These improvements provide greater hydraulic flow even at lower engine rpm.

The integrated hydraulic system also boasts fewer parts, fewer connections, and shorter hydraulic lines that enhance reliability.

And there is plenty of reserve hydraulic capacity (up to 60 percent more oil) to operate single-acting cylinders – especially helpful if you operate large dump carts, forage boxes, or sugarcane carts.

Steering and hydraulics are extremely responsive.

And only John Deere offers TouchSet hydraulic control. It's especially beneficial if you use air seeders or vacuum-type planters. And as its name implies, you can simply touch and set hydraulic flow to individual SCVs on-the-go right from your seat.

The improved hydraulic system provides more flow, even at low engine rpm for enhanced performance.



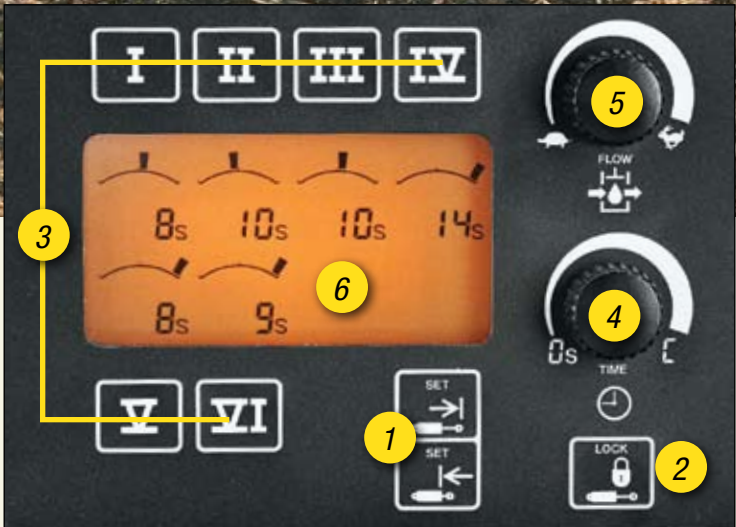
## Standard/Optional Hydraulic Flow

### Wheels

8130 to 8330 – 44 gpm is standard  
8130 to 8330 – 60 gpm is optional  
8430, 8530 – 60 gpm is standard

### Tracks

8230T to 8430T – 33.5 gpm is standard  
8230T to 8430T – 42 gpm is optional



1. Use the TouchSet keypad to set remote hydraulic cylinder upper and lower limits.
2. Keypad deactivates the hydraulic system prior to transport.
3. Set individual SCVs by pressing the corresponding Roman numeral.
4. Set the length of time for oil to flow. Each time the hydraulic lever is engaged oil will flow automatically for the specified time set – now up to 60 seconds.
5. Set hydraulic flow by turning the dial. Adjust it from your seat, on-the-go, while the SCV is operating.
6. Large digital display shows the flow rate, and flow time.



Two high-capacity filters extend filter service interval to 1,500 hours.



**Exclusive Implement Management System (IMS)** – is a feature that all operators are sure to appreciate.



You can set IMS to simultaneously perform multiple tractor functions per switch (up to 20 total) – push-button easy.

**IMS increases efficiency and productivity**, plus it minimizes operator fatigue. And with the touch of a button you can simplify complex turning sequences, so even less experienced operators can become more productive, more quickly.

- 1 **You can set IMS** to simultaneously shift down a gear, disengage the diff-lock, and raise the implement at the end of the row – all with the push of a single button.
- 2 **After making the turn**, simply push the button again, and the tractor automatically shifts up, re-engages the diff-lock, and lowers the implement back into the ground for simple, consistent, and efficient turns.

IMS lets you program several machine functions into one push-button. It's just a lot simpler.



Think of the 8030 Series as your very own self-contained power plant. Use it to power everything from your potato diggers, beet or forage harvesters, large grain carts, rotary cutters, balers, or augers.

A fully independent 1¾ in. 1,000 rpm PTO is standard equipment on all 8030 Series Tractors. A 20-spline shaft is built to handle high-power, heavy PTO loads.

Choose a 1⅝-in., 540 rpm or 1⅜-in., 1,000 rpm PTO shaft when less power is required to run augers, manure spreaders, and rotary cutters.

Push-button PTO controls are conveniently located on the CommandARM. And if you choose the Infinitely Variable Transmission, you'll maintain consistent PTO speeds, even if ground speeds and load vary. You'll increase fuel efficiency for lower operating costs.



**Built-in PTO power is one more way the 8030 Series helps you get the most from your equipment investment dollar.**

# The 8030 gives you added versatility with a built-in PTO and rear hitch



**PTO engagements** are automatically modulated for smooth starts. This protects your implement from high-torque overloads. Special PTO brake ensures equally smooth, uniform stops. Ideal for unloading grain, harvesting beets.



**John Deere hitch dampening** absorbs the shock from the pressure caused by unexpected bumps in the road, improving ride stability.



**Hitch Slip Command** lets you set hitch sensitivity to react relative to wheel slip. The result is more uniform hitch performance (radar required).



**Convertible Cat 4N/3 rear hitch** is designed for quick conversion. A simple change of the lower and upper hook is all that's required.



Equipment size continues to grow and so does tractor horsepower. That's why we've added extra muscle to the 8030 Series rear hitch and drawbar.

**An industry-first, Cat 4N/3 rear hitch** provides up to a maximum 18,300 lb. hitch-lift capacity that lets you take full advantage of the increased power levels of the 8030 Series. It's ideal for pulling large 12-row hipper/bedders, or strip-till rigs.

**A rugged Cat 4 drawbar** with a 2-inch hitch pin and optional 11,000 lb. tongue-weight capacity provides added load-bearing strength to handle grain carts, wide chisel plows, or wide planters.

Your John Deere dealer can make sure your new 8030 Series Tractor comes with the right hitch for your operation.

**Take advantage of the 8530's power with its heavy-duty Cat 4N/3 rear hitch or the 8530's and 8430's Cat 4 drawbar.**



# Choose from four front-axle options to best match your operation

**Put more power to the ground.**

You can with an 8030 Series Tractor equipped with mechanical front-wheel-drive (MFWD) and exclusive front Independent Link Suspension (ILS).

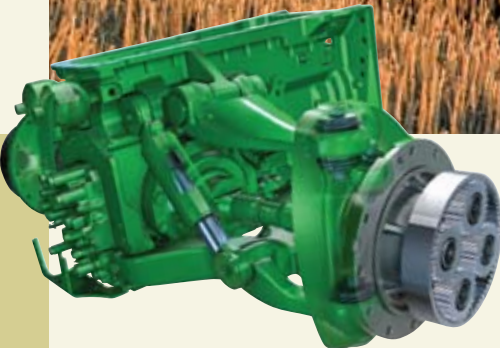
Independent research\* proves ILS with front duals can boost productivity by 10 percent in primary and secondary tillage applications. That means you can finish more acres in less time.

And because of its smooth operation, ILS can reduce wear and tear on your tractor, and can lower your ownership costs throughout the life of the machine.

ILS is standard equipment on the 8430 and 8530 – optional on other 8030 Series Wheeled Tractors.

\*Research conducted at the Ag Tech Centre, Lethbridge, Alberta. Comparison made to the same rigid-beam axle, MFWD tractor without ILS and front duals.

**ILS puts more power to the ground and lets you work more acres per day with enhanced operator comfort.**



*You get an industry best 10 inches of suspension travel that provides a super-smooth ride. This helps put more tractor power to the ground so you can work at faster speeds with less operator fatigue.*



**2WD**

*The 2-Wheel-Drive 8130 is an economical alternative for applications that do not require a powered front axle.*



**MFWD with ILS**



**MFWD 1300 Series**



**MFWD 1500 Series**



*The 1500 Series MFWD lets you add duals to your front axle for added load-carrying capacity, traction, and flotation.*

John Deere MFWD Axle Comparison			
Feature	1300 Series	1500 Series	ILS
Hydraulic Differential Lock	No	Yes	Yes
Limited Slip	Yes	No	No
Suspension	No	No	Yes
Tire Ratio / Steps Allowed	5	4 or 5	4 or 5
Duals	No	Yes	Yes
Tread Spacing	60 to 88 in.	60 to 144 in.	60 to 132 in.
Top Speed	26 mph	26 mph	26 or 31 mph

John Deere MFWD gives you more drawbar pulling power in all operating conditions for higher levels of productivity. Plus, MFWD provides increased traction with lower tractor ballast. This minimizes soil compaction and helps increase fuel efficiency.

The 1300 Series MFWD is standard on the 8230 and 8330, optional on the 8130 and 8430. The 1500 Series MFWD is optional on all five models.

The five-degree caster angle of the 1300 Series MFWD axle lets you make tight turns, even with narrow 60-in. tread spacings. A high-pivot-point axle mounting allows the front axle to oscillate nine degrees before contacting the axle stops. This helps the wheels maintain better ground contact.

All John Deere MFWD axles have electrohydraulic, automatic engagement. Plus, you can manually engage or disengage the MFWD on the go if needed.

**Multiple axle choices ensure you get just the right tractor to best match your equipment.**



# Consider 8030T Series Track Tractors for outstanding flotation and traction

**When you need maximum flotation and traction** it's tough to beat a John Deere 8030T Series Track Tractor.

**Choose from three models** that deliver the same level of quality and dependability you'd expect from 8030 Series Wheeled Tractors. You get all of the benefits of the same PowerTech Plus 9.0 L engine, updated cab, and refined 16-speed PowerShift.

Plus you can expect a smooth ride across rough fields, along with outstanding flotation and superb ground-gripping traction.

Optional features include the Deluxe CommandView cab, ComfortCommand™ seat, and Deluxe Comfort package.

In addition, all 8030T Series Track Tractors come from the factory AutoTrac-Ready, at no extra charge. Add the GreenStar guidance system of your choice and you're ready to reap the rewards of precision agriculture.

**John Deere gives you the power of choice – wheels or tracks.**



*Long-lasting Camoplast track belts are available in 16-, 18-, 25-, and 30-inch widths. Choose the Durabuilt 3500 Series for general ag work or the 5500 Series for extreme conditions. Available for 8030T Series Track Tractors.*



*Handle your fall tillage chores with ease thanks to a standard Cat 3/3N 3-point rear hitch – capable of lifting up to 15,200 pounds. A heavy-duty Cat 4 drawbar is available for all 8030T Series Track Tractors (standard on the 8430T).*





# From planting through harvest, 8030 Series Tractors can do it all

Reliable 8030 Series Tractors were born to work in row-crop applications like your corn and soybean fields.

In the fall, you'll appreciate the speed-matching capabilities of the 8530 with an Infinitely Variable Transmission (IVT) as it pulls your grain cart alongside your combine. Plus, you get plenty of PTO power to unload grain quickly and efficiently.

After harvest, add a John Deere 512 Disk Ripper or 2700 Mulch Ripper to easily size and bury heavy crop residue.

In the spring, you can prepare exceptional seedbeds with a 2210 Field Cultivator equipped with AccuDepth.™ You get precise, incremental depth control that conserves soil moisture, and helps you save fuel. Then you can plant next year's corn crop with a John Deere 1790 Planter. From start to finish, it's a complete corn and soybean system – all from John Deere.



*For the ultimate seedbed, hitch onto a John Deere 2210 Field Cultivator and you're on the way to higher potential yields.*



**If you grow corn or soybeans you'll appreciate the power and versatility of the 8030 Series.**



*No-till? No problem. Use the John Deere 1770NT Planter to plant and fertilize next year's crop in one fuel-saving pass.*

*Dependable 8030 Series Tractors have plenty of muscle to pull wide tillage tools like this John Deere 637 Disk.*



*(Above) Get the most from every pass with GreenStar AutoTrac or Parallel Tracking guidance systems. You can minimize implement overlap and drive down input costs such as fuel, seed, fertilizer, and chemicals.*



*Tow your grain wagons to the elevator in style with an 8030 Series Tractor with IVT. You get outstanding comfort, control, and fuel efficiency. (See pages 10-11.)*





# You get plenty of muscle to lift beets, extra finesse to plant cotton

If you grow cotton, sugarbeets, or potatoes, the 8030 Series has the extra muscle and finesse you're sure to appreciate.

**For PTO applications** such as beet harvesting you'll appreciate the Infinitely Variable Transmission (IVT). In automatic mode, PTO speed remains constant and fuel efficiency is improved.

You'll also notice that the loading of the gathering chains is more consistent because you can dial in the exact ground speed required to do the job based on the conditions at hand. This keeps your harvester operating at peak levels in all conditions.

Maximum hitch-lift capacity is 18,300 pounds. And with the Cat 4N/3 rear hitch, you can lift heavy potato planters or strip-till rigs with ease.

It's power, performance, and versatility that can help you easily adapt to today's larger row-crop implements.

**The 8030 Series features built-in reliability and efficiency that can enhance your productivity and drive down input costs.**

## INTELLIGENT POWER MANAGEMENT OPTION

*Sometimes you just need a little more power to finish the job quickly and efficiently. **Intelligent Power Management** is an option that **automatically provides up to an extra 35 engine horsepower in mobile**, rear PTO applications, and at transport speed\*\* when full-rated power isn't quite enough. This option is available on all new 8030 Series Tractors (unavailable for tracks).*

\*Note: Mobile rear PTO applications. The tractor must be moving. The PTO system must detect a load.  
\*\*Transport where speeds reach in excess of 14.2 mph. The modulation of power begins at 9 mph. See your dealer for details.



**Shredding cotton stalks** is quick and easy when you hitch a John Deere rotary cutter on behind your reliable 8030 Series Tractor.



**Attach a John Deere Scraper** – like this 1512E Fixed-Blade Ejector – and make precision land-leveling and surface water management jobs go smoother than ever.



**Harvest your beets** with a new 8030 Series Tractor with an IVT, and take advantage of creeper speeds as low as .03 mph and super-smooth shifts.



**Expect world-class service** from your John Deere dealer before and after the sale.





# Small grains . . . big tractors – vers atile enough for seeding, tillage, and hauling

If you grow wheat, rice, or barley, the 8030 Series can help you get more from every acre. Its starts with seeding your crop. And a John Deere 8030 Series Tractor combined with John Deere air-seeding equipment make it simple and productive.

Once your crop is mature and ready for harvest, the 8030 Series can be hitched onto your grain cart. With the Infinitely Variable Transmission (IVT), you can precisely match the speed of your combine for easier on-the-go unloading.

After your cart is loaded, you can utilize the IVT's built-in capabilities and take advantage of fast transport speeds, at low engine rpm, for optimal fuel efficiency. Your post-harvest tillage chores will be a breeze if you choose an 8030 Series Tractor equipped with Independent Link Suspension (ILS). You can put more power to the ground and work more acres in less time.

**You get plenty of lugging power for tillage. Extra hydraulic flow for seeding. Plenty of PTO power for grain carts.**

*John Deere gives you three great tractor options for your small-grain operation:*

- 8030 Series MFWD Tractor with the 16-speed PowerShift Transmission
- 8030 Series MFWD Tractor with exclusive ILS and IVT
- 8030T Series Track Tractor with the 16-speed PowerShift Transmission



*In min-till fields, an 8030T Series Track Tractor with a 2100 Min-till Ripper can conserve soil moisture, shatter compaction, and protect crop residue.*

*The 8030 Series gives you built-in John Deere quality and reliability that you'll want to keep in your family for years to come.*



*A 9.0 L PowerTech Plus engine gives the 8530 (shown above) plenty of lugging power – perfect when pulling John Deere tillage tools like this 9-shank, 2700 Mulch Ripper.*



*With the 8030 Series you may be able to easily do the work of multiple tractors and get even more from your new tractor investment.*





# Here's a hired hand livestock producers are sure to appreciate

The 8030 Series isn't just for planting and tillage work. It can also lend a helping hand to your livestock operation.

**Add a John Deere 843 Loader** and finish your feeding chores quickly and efficiently. With a maximum lift capacity of up to 6,765 lb. at 4.9 ft., the 843 Loader can help you easily load silage, move round bales, or clean your feedlots.

But that's not all. On the road, the 8030 Series can tow your high-capacity slurry tanks or grain wagons. Transport up to 31 mph and you can finish your material handling chores in less time.

Plus, features like the Independent Link Suspension (ILS), Infinitely Variable Transmission (IVT), and auxiliary braking systems give you plenty of control, enhanced fuel economy, and sure-footed stopping power.

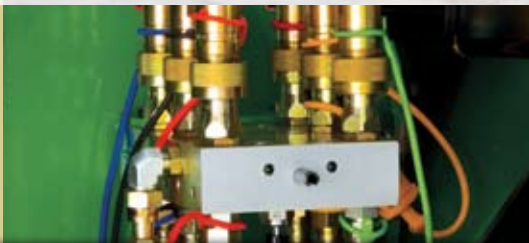
John Deere 843 Loader specifications	
Lift capacity to maximum height at 31.5 in. (80 cm)	5,060 lb. (2295 kg)
Lift capacity to 59 in. (1.5 m) at 31.5 in. (80 cm)	6,765 lb. (3068 kg)
Boom cylinder breakout force at 31.5 in. (80 cm)	8,025 lb. (3640 kg)
Bucket rollback force at ground	10,093 lb. (4578 kg)
Maximum lift height to pivot pin	182 in. (4623 mm)
Maximum rollback angle	39 degrees
Maximum dump angle at ground level	72 degrees
Digging depth	10 inches (254 mm)



**31** mph *Do you feel the need for **SPEED**? Add the 31-mph Value Package\* to your 8030 Series Tractor. Transport up to 31 mph while hauling material from site to site. Now compatible with row-crop dual tires. See your dealer for details. \*Note: The 31 mph Value Package requires air and/or hydraulic brakes, and "B" speed-rated 31-mph tires.*



**Add a John Deere 843 Loader to your 8030 Series Tractor and raise your productivity to greater heights.**



*John Deere makes connecting your new loader quick and easy so you can finish your chores fast.*



*An 843 Loader can help you get the most from your 8030 Series Tractor. Loader controls are simple and easy-to-learn. Visibility from the CommandView cab is uncompromised.*



*Your John Deere dealer has a wide array of attachments to complement the rugged 843 Loader. Visit your dealer for details.*





# You get easy access to service points for fast, routine maintenance

Whether you're changing the oil, or replacing a fuse, John Deere keeps it nice and simple.

Access to all daily service and fill points is hassle-free and can be done from ground level with no tools required.

Where possible, service intervals have been extended to reduce maintenance time and costs.

The 8030 Series comes with SmartCircuit CAN bus technology. The system features fewer fuses, relays, and wiring connections for greater reliability. Access to the fuse compartment is conveniently located behind the tractor seat.

**ServiceADVISOR diagnostics** help John Deere service technicians diagnose and evaluate your tractor's systems more quickly to help you improve equipment uptime and reduce operating costs. The factory-trained technician simply plugs the computer into the tractor's easy-access port to begin the session.

**Routine service is quick and easy to improve your uptime and reduce your costs.**

**SmartCircuit CAN bus technology** – fuses are located just behind the tractor seat for quick, easy access. The total number of fuses has also been reduced compared to previous models.

**A self-priming fuel system** with electric pump bleeds air after the filter is changed. Fuel filter change intervals are 500 hours.

**Hydraulic filter change interval has been increased to 1,500 hours.** Plus each filter base has an anti-drain check valve to prevent excess oil drainage when servicing filters.

**To further reduce maintenance costs,** long-life coolant with conditioner is used as the factory fill. The first required change interval is three years or 3,000 hours.

**You can extend oil filter change intervals to 375 hours** when you use John Deere Plus-50™ oil and oil filters. Plus a top-load oil filter makes changes clean, quick, and easy.

**Sometimes it's the little things that make the difference,** like changing your tractor's air filter, or filling it with fuel. You shouldn't have to use a ladder to reach the air filter, or stand precariously on the rear of your tractor to fill it with fuel. With the John Deere 8030 Series, you can easily reach both while standing firmly on the ground.

The front radiator grill easily folds out so you can quickly inspect or clean it as needed. And to optimize your tractor's performance and fuel efficiency, it's always a good idea to check and adjust tire inflation pressures to proper levels as needed.





# John Deere gives you world- class sales, service, and support

When you invest in a new John Deere tractor, you get more than the latest high-performance tractor technology.

You get the unmatched support of your local John Deere dealer. He's part of a global network of world-class dealers – all backed by a company with nearly 170 years of experience in the farm-equipment business.

So whether you need routine service and parts, in-field repairs, financing, or just some friendly advice – John Deere, and your local dealer are committed to your continued success.

Experience a higher level of quality, performance, and support. Experience John Deere.

**Invest in John Deere and you get a trusted business partner you can depend on for years to come.**



***Your satisfaction comes first.** That's why we survey new John Deere owners after their purchase. We use feedback like this to continuously improve our products and service.*

***John Deere sponsors numerous clinics** and demonstrations during the year, helping you stay up-to-date with new farming technology and innovations.*



***Enjoy an unmatched level of personal service** from your John Deere dealer. From the time you first walk into our store, and after we deliver your new tractor to your farm, we're there for you year after year.*



***Invest in John Deere equipment** and enjoy the benefits of a professional and knowledgeable staff that's always willing to lend a helping hand.*





8130 – 180 PTO hp (134 kW)  
8230 – 200 PTO hp (149 kW)  
8330 – 225 PTO hp (168 kW)  
8430 – 250 PTO hp (186 kW)  
8530 – 275 PTO hp (205 kW)

Common specifications

ENGINE	
Rated speed	2,100 rpm
Torque rise	43% PTO
Power bulge	13% PTO hp
Type	John Deere PowerTech Plus diesel, in-line, 6-cylinder, wet-sleeve with 4 valve-in-head
Aspiration	Variable geometry turbocharger with air-to-air aftercooling and exhaust gas recirculation
Filter, engine air	Dual stage with engine cooling fan aspiration
Displacement, bore and stroke	549 cu. in. (9.0 L), 4.66 x 5.40 in. (118 x 136 mm)
Compression ratio	16.3:1
Fuel Injection system:	High Pressure Common Rail, electronic injectors with variable injection timing and duration
Lubrication	Full-pressure, full-flow filtration with bypass
Filter, oil	Replaceable cartridge style oil filter
FUEL SYSTEM	
Type	Electronically injected and governed, high-pressure common rail with electric fuel transfer pump, self priming
Filter system	Two stage with water separator and service indicator light
Filter, primary, filter, secondary	10 micron replaceable cartridge, 2 micron spin-on element
Fuel capacity	180 U.S. gal. (681 L)
ELECTRICAL SYSTEM	
Alternator/battery (total cold cranking amps)	200 amp / 12 volt, (1,850 cca)



\*540 rpm speed selection is not compatible with models equipped with Cat. 4 drawbar.

\*\* Activates during mobile rear PTO applications, and transport speeds.

na= Not available

Specifications and design subject to change without notice.



One 2WD model



Five MFWD models



Five MFWD models with ILS

Individual specifications by model

ENGINE PERFORMANCE	8130	8230	8330	8430	8530
Rated PTO at 2,100 engine rpm	180 hp (134 kW)	200 hp (149 kW)	225 hp (168 kW)	250 hp (186 kW)	275 hp (205 kW)
Rated engine hp (ISO), 97/68/EC, at 2,100 engine rpm	225 hp (166 kW)	245 hp (180 kW)	275 hp (202 kW)	305 hp (224 kW)	330 hp (243 kW)
Maximum engine hp (ISO), 97/68/EC at 1,900 engine rpm	240 hp (177 kW)	265 hp (195 kW)	300 hp (219 kW)	330 hp (243 kW)	360 hp (265 kW)
Intelligent Power Management (Optional)**	Up to 35 engine horsepower at 2,100 RPM (rated speed)				
TRANSMISSION					
John Deere 16-speed Automatic PowerShift 16F/4R	Standard				na
John Deere Infinitely Variable Transmission (IVT) 26 mph (42 km/h)	Optional				Standard
John Deere Infinitely Variable Transmission (IVT) 31 mph (50 km/h)	Optional				
FINAL DRIVES					
	Inboard planetary				
REAR AXLES					
	Rack-and-pinion				
100 x 2807 mm diameter (3.94 x 110.5 in.) long, single taper hub	Optional	na	na	na	na
100 x 3010 mm diameter (3.94 x 118.5 in.) long, single taper hub	Optional	na	na	na	na
110 x 3010 mm diameter (4.33 x 118.5 in.) long, single taper hub	Standard			na	na
110 x 3010 mm diameter (4.33 x 118.5 in.) long, dual taper hub	Optional			na	na
120 x 3010 mm diameter (4.74 x 118.5 in.) long, dual taper hub	Optional			Standard	
120 x 2438 mm diameter (4.74 x 96.0 in.) long, dual taper hub	Optional				
FRONT AXLES					
2WD – tread range 60 to 88 in. (1524 to 2235 mm)	Standard	na	na	na	na
1300 Series MFWD - tread range 60 to 88 in. (1524 to 2235 mm)	Optional	Standard	Standard	Optional	na
1500 Series MFWD - tread range 60 to 144 in. (1524 to 3657 mm)	Optional	Optional	Optional	Optional	Optional
MFWD with ILS – tread range 60 to 132 in. (1524 to 3352 mm)	Optional with or without duals			Standard, duals optional	
DIFFERENTIAL LOCK (front axle)					
2-wheel-drive	na				
1300 Series MFWD	Limited slip				
1500 Series MFWD	Full-locking, electrohydraulic				
MFWD with Independent Link Suspension (ILS)	Full-locking, electrohydraulic				
DIFFERENTIAL LOCK (rear axle)					
Full-locking, electrohydraulic	Standard				
HYDRAULIC SYSTEM (type)					
	Closed-center, pressure/flow compensated				
Selective control valves	3 standard, 4th and 5th optional			4 standard, 3rd deduct, 5th optional	
Main pump, axial piston (displacement)	63 cc standard, 85 cc optional			85 cc standard, 63 cc optional	85 cc standard
Clean oil reservoir charge pump	Gear driven, integrated				
Maximum pressure	2,900 psi (20 000 kPa)				
Rated flow, 63 cc pump	44 U.S. gpm/166.6 L/min				na
Rated flow, 85 cc pump	60 U.S. gpm/227.1 L/min				
Available flow at a single SCV	30 U.S. gpm/113.5 L/min				
3-POINT HITCH (rear) - Electrohydraulic sensing					
Category 3/3N w/Quik-Coupler Standard	12,400 lb. (5625 kg)	12,400 lb. (5625 kg)	13,800 lb. (6260 kg)	15,200 lb. (6895 kg)	na
Category 3/3N w/Quik-Coupler Optional	15,200 lb. (6895 kg)	15,200 lb. (6895 kg)	15,200 lb. (6895 kg)	17,300 lb. (7847 kg)	na
Category 4N/3 w/Quik-Coupler Optional, Standard on 8530 only	18,300 lb. (8301 kg)	18,300 lb. (8301 kg)	18,300 lb. (8301 kg)	18,300 lb. (8301 kg)	18,300 lb. (8301 kg)
3-POINT HITCH (front, requires ILS) – Category 3N					
Standard-lift capacity	11,000 lb. (4989 kg)				
WHEELBASE					
2WD	126.8 in. (3220 mm)	na	na	na	na
MFWD/ILS	120.1 in. (3050 mm) / 118.9 in. (3020 mm)				
MFWD/ILS axle clearance	23.2 in. (590 mm)				
PTO (power take off)					
	Independent				
1-3/4 in., 20-spline, 1,000 rpm	Standard				
1-3/4 in., 20-spline, 1,000 rpm, capable of 1-3/8 in. 540/1,000 rpm	Optional			na	na
1-3/4 in., 20-spline, 1,000 rpm, with 1-3/8 in. 540*/1,000 rpm gear case	Optional				
AVERAGE STANDARD WEIGHT less weights					
2WD	21,774 lb. (9877 kg)				
MFWD	23,308 lb. (10 573 kg)	23,808 lb. (10 573 kg)	23,808 lb. (10 573 kg)	23,952 lb. (10 864 kg)	
MFWD with ILS	24,708 lb. (11 206 kg)	24,708 lb. (11 206 kg)	24,708 lb. (11 206 kg)	25,352 lb. (11 500 kg)	25,791 lb. (11 698 kg)

Three track models



Individual specifications by model

ENGINE PERFORMANCE	8230T	8330T	8430T
Rated engine, PTO at 2,100 engine rpm	200 hp (149 kW)	235 hp (175 kW)	255 hp (190 kW)
Rated engine hp (ISO), 97/68/EC at 2,100 engine rpm	240 hp (177 kW)	280 hp (206 kW)	305 hp (225 kW)
Maximum engine hp (ISO), 97/68/EC at 1,900 engine rpm	265 hp (195 kW)	310 hp (228 kW)	335 hp (247 kW)
TRANSMISSION			
16-speed Automatic PowerShift 16F/4R	Standard		
WHEELBASE	89 in. (2261 mm)		
REAR AXLES			
Tread spacing, standard	60 to 88 in. (1524 to 2235 mm)		
Tread spacing optional	92 to 120 in. (2337 to 3048 mm)		
Track type – Camoplast Durabuilt 3500 and 5500 Track Belts	3500 and 5500 Series		
Track width – 25 in. (635 mm)	Standard		
Track widths, 16-in. (406 mm), 18-in. (457 mm), and 30-in. (762 mm)	Optional		
GROUND CONTACT AREA			
16 in. (406 mm)	2,849 sq. in. (1.84 m²)		
18 in. (457 mm)	3,204 sq. in. (2.07 m²)		
25 in. (635 mm)	4,450 sq. in. (2.87 m²)		
30 in. (762 mm)	5,340 sq. in. (3.45 m²)		
MAXIMUM AVERAGE STATIC GROUND PRESSURE			
16 in. (406 mm)	9.5 psi (65.50 kPa)		
18 in. (457 mm)	8.4 psi (57.92 kPa)		
25 in. (635 mm)	6.1 psi (42.06 kPa)		
30 in. (762 mm)	5.1 psi (35.16 kPa)		
HYDRAULIC SYSTEM (type)			
	Closed-center, pressure/flow compensated		
Selective control valves	3 standard, 4th and 5th optional	4 standard, 3rd deduct, and 5th optional	
Main pump, axial piston (displacement)	45 cc standard, 57 cc optional		
Clean oil reservoir charge and primary pump	Gear driven		
Maximum pressure	2,900 psi (20 000 kPa)		
Rated flow, 45 cc pump	33.5 U.S. gpm/126 L/min		
Rated flow, 57 cc pump	42.5 U.S. gpm/160 L/min		
Available flow at a single SCV	30 U.S. gpm/113.5 L/min		
3-POINT HITCH (rear) – Electrohydraulic sensing is standard			
Category 3/3N w/Quik-Coupler	Standard		
Standard-lift capacity	15,200 lb. (6895 kg)		
PTO (power take off)			
	Independent		
1-3/4 in., 20-spline, 1,000 rpm	Standard		
STEERING	Speed-sensitive, electrohydrostatic, planetary differential		
CAPACITIES			
Fuel tank	130 U.S. gal. (492 L)		
Cooling system	42.3 U.S. qt. (40 L)		
Crankcase	25.5 U.S. qt. (24 L)	27 U.S. qt. (25.5 L)	
Transmission, differential, hydraulic system	37 U.S. gal (140.1 L)		
AVERAGE STANDARD WEIGHT less weights			
	27,060 lb. (12 274 kg)		

8230T – 200 PTO hp (149 kW)  
8330T – 235 PTO hp (175 kW)  
8430T – 255 PTO hp (190 kW)

Common specifications

ENGINE	
Rated speed	2,100 rpm
Torque rise	43% PTO
Power bulge	13% PTO hp
Type	John Deere PowerTech Plus diesel, in-line, 6-cylinder, wet-sleeve with 4 valve-in-head
Aspiration	Variable geometry turbocharger with air-to-air aftercooling and exhaust gas recirculation
Filter, engine air	Dual stage with engine cooling fan aspiration
Displacement, bore and stroke	549 cu. in. (9.0 L), 4.66 x 5.40 in. (118 x 136 mm)
Compression ratio	16.3:1
Fuel Injection system	High Pressure Common Rail, electronic injectors with variable injection timing and duration
Lubrication	Full-pressure, full-flow filtration with bypass
Filter, oil	Replaceable cartridge style oil filter
FUEL SYSTEM	
Type	Electronically injected and governed, high-pressure common rail with electric fuel transfer pump, self priming
Filter system	Two stage with water separator and service indicator light
Filter, primary, filter, secondary	10 micron replaceable cartridge, 2 micron spin-on element
ELECTRICAL SYSTEM	
Alternator/battery (cold cranking amps)	200 amp / 12 volt, (1,850 cca)
FINAL DRIVES	
	Outboard planetary

PowerGuard™ extended warranty protection plan

All John Deere tractors come with a 24 total month/2,000 total hour factory basic warranty. You may elect to extend your warranty for engine and powertrain related components through the PowerGuard Protection Plan. See your dealer for pricing and details, or go online to [www.powergard.com](http://www.powergard.com).



After you make your purchase, you can add your own personal touch with John Deere attachments. Ask your dealer for more details.



# Fast and easy credit

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