

7R TRACTORS

210-350 ENGINE HORSEPOWER



JOHN DEERE





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MOVING FORWARD

Multi-functional, the 7 Series Tractors take a leap forward with precision ag offerings like the G5^{Plus} display, the StarFire™ 7500 integrated receiver, and more. The eight models of 7R Tractors range from 210 to 350 hp and are equipped with a refined cab plus integrated technology and high power density. The adjustable cab suspension allows you to control your ride quality by adjusting the firmness of your cab ride to achieve your desired comfort level. With a base weight of 24,700 lb (11,204 kg), the 7R 350 delivers 350-rated engine horsepower and 385 max engine horsepower.

Fight fatigue on long days with Triple Link Suspension (TLS™), choose from three cab visibility packages, enjoy hands-free turns with AutoTrac™ Turn Automation, and experience enhanced steering ease with ActiveCommand Steering (ACS™) or Reactive Steering.

These are the large horsepower, maneuverable tractors that can accomplish any task in the field, barnyard, or on the road.



7R TRACTORS OVERVIEW

Large Cab

Select from three packages so your cab works the way you work. Features include an ergonomic seat, G5^{Plus} display, and more.

Adjustable Cab Suspension

Enjoy a smoother, firmer ride with adjustable cab suspension. You control your in-cab experience and can adjust the cab suspension to improve ride quality and comfort level.

LED Lighting

Make the most of your time, no matter what time it is, when you choose from three Visibility Packages. And with two times the LED light output compared to halogen bulbs, you can focus on the task at hand, not the amount of sunlight left.

Infinitely Variable Transmission (IVT™)

Delivering excellence in performance and operation, you can smoothly shift up from 0 to 26 or 31 mph (40 or 50 km/h) and any speed in between, including creeper speeds as low as 164 ft (50 m) per hour.

e23™ PowerShift™ Transmission

Meet the demands of whatever conditions are thrown your way with three operating modes: Full Auto, Custom, and Manual.





INTEGRATED INTELLIGENCE

G5^{Plus} Display

The brighter, crisper displays and added processing power of the G5^{Plus} make applications you already use run even better. Like AutoTrac™ Turn Automation, which lets you execute end rows easily and have a stress-free day in the cab. AutoPath™ puts your secondary pass guidance lines where you want them, so you don't have to count rows or harvest a row of shame. With the G5^{Plus} display, you'll get 35% more screen space to add additional maps and widgets, 3x faster processing for quicker boot times and clear 1080p HD resolution. It's all easier with the G5^{Plus}¹.

Integrated StarFire™ 7500 Receiver

Get improved performance and dependability, and reduce the time to achieve full signal accuracy with the integrated receiver¹.

JDLink™²

JDLink connection is free and lets you see where your machines are, what they're doing, and how they're performing. Simply turn on JDLink service in your Operations Center account.

AutoTrac™

Enjoy hands-free turns and reduced overlap, all while maximizing inputs and reducing fatigue.

Documentation & Data Sync

You'll get better data to make your decisions with Documentation and Data Sync standard in 7R tractors.

Rear Implement Ethernet

Be prepared to enable high-speed data flow between the tractor and implement, once implement ethernet becomes available on planters and other implements. This will allow you to see more of your implement data faster than ever before.

¹Compared to previous Gen4 display.

²Activation required. JDLink hardware comes standard with the machine. The customer can turn on the JDLink service in their Operations Center account for free. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere Dealer for coverage availability.



Take a seat in John Deere's most comfortable chair. View displays easier when running applications with the bigger, clearer, and faster G5^{Plus} display and extended monitor¹. And get ready to log serious hours in comfort, style, and peak productivity.

A higher backrest and adjustable side bolsters let you sit comfortably within the seat. The massaging feature helps you stay relaxed and refreshed during long days in the field. And since the seat is heated and ventilated, you'll stay warm or cool depending on the season. Get all these features in the Ultimate Comfort and Convenience package.

¹Compared to previous models.
Ultimate Comfort and Convenience package shown.



Signature Edition

Upgrade to the top of the line with the Signature Edition. The John Deere Signature Edition 7R Tractor includes the Ultimate Comfort and Convenience package, the Ultimate Visibility package, G5^{Plus} CommandCenter™, G5 Advanced licenses, and Active Seat™ II or air seat plus cab suspension.



OWN THE DAY

When the hours are long and the terrain is tough, there's no better place to be than our cab. Your home away from home. Easily step through the wide doorway into our spacious cab. Enjoy more space than our previous cab, complete with extra headroom and extra storage capacity. Enjoy a cooler cab and better visibility to operator screens with rear window tint on the CommandView™ 4 cab glass. Choose from these options; amenities vary by package. Discover more details at JohnDeere.com/7R or JohnDeere.ca/7R.

	SELECT	PREMIUM	ULTIMATE
Seating	Cloth seat with manual controls and manual lumbar support; 8° left-hand and 40° right-hand swivel	Cloth seat with electronic controls and pneumatic lumbar support; 24° left-hand and 40° right-hand swivel	Leather seat with electronic controls, massage and pneumatic lumbar support; 24° left-hand and 40° right-hand swivel; heated and ventilated; adjustable bolster
Radio Specifications	AM/FM/WX radio with auxiliary and Bluetooth inputs; 4 speakers	8-inch (20.3-cm) touchscreen radio; Wireless Apple CarPlay® and Android Auto™; 6 speakers with subwoofer	8-inch (20.3-cm) touchscreen radio; Wireless Apple CarPlay® and Android Auto™; 6 speakers with subwoofer
USB Ports	4 USB Ports (2: USB-C Charging Ports, 1: USB-A Port, 1: USB-A Display Software Port)	4 USB Ports (2: USB-C Charging Ports, 1: USB-A Port, 1: USB-A Display Software Port)	4 USB Ports (2: USB-C Charging Ports, 1: USB-A Port, 1: USB-A Display Software Port)
Dual-Tilt Steering Column	✓	✓	✓
Business-Band Ready	✓	✓	✓
Footrests	✓	✓	✓
Refrigerator	—	✓	✓
Right-Hand Accessory Rail	—	✓	✓
120V Outlet	—	✓	✓
Carpeted Floor Mat	—	—	✓
Leather-Wrapped Steering Wheel	—	—	✓



OWN THE NIGHT

Take charge of your night when the daytime hours aren't enough. Our three Visibility Packages are a bold leap forward, shedding new light on nighttime productivity. With the Ultimate Visibility Package, you'll experience two times more lighting than halogen bulbs thanks to the LED work lights. LEDs provide brighter, 360-degree illumination for those work days that turn into work nights. Amenities vary by package.

	SELECT	PREMIUM	ULTIMATE
Lighting	18 LED work lights	18 LED + 2 LED work lights	22 LED + 2 LED work lights, 8 LED convenience lights
Exterior Mirrors	Mechanical	Electronic, heated	Electronic, heated, power telescoping
Window Sunshades	Front	Front, right-hand, rear	Front, right-hand, rear
Window Wipers	Front, rear	Front, right-hand, rear	Front, right-hand, rear
Cameras	Camera-ready	Camera-ready	Integrated cameras



Ultimate Visibility package shown.

**SEE MORE.
KNOW MORE.
DO MORE.**

G5^{Plus} CommandCenter™ Display **Bigger. Faster. Clearer.**

The G5^{Plus} CommandCenter Display gives you a big picture of your 7R's performance and work in the field.

- 12.8-inch touchscreen – 35% larger¹
- 3x faster processor ... for quicker boot times¹
- High resolution 1080p screen for clear views

The G5^{Plus} CommandCenter comes with permanent AutoTrac™ and Section Control licenses. Or, for even more automation, choose the Optional G5 Advanced Package. More than a display, the G5^{Plus} is your path to the future of precision ag.

John Deere Operations Center™

Unlock the full power of your farm data with Operations Center. It's a free, online farm management system that empowers 24/7 access to your farm data through web, tablet, or mobile phone. With Operations Center, you can seamlessly connect data from your fields, machines, and operators. It puts at your fingertips all the information you need to maximize critical operations, from tillage, planting, and seeding to applying and harvesting.

- Plan work to reduce errors and gain efficiencies
- Monitor machine and job productivity in near real time
- Analyze this season's results to improve next season's crops

¹Compared to previous models.





G5 Advanced Package

More automation means more productivity and less stress. That's what you get with the G5 Advanced Package, which bundles five of our most advanced guidance and automation technologies into a single 1- or 3-year license. That gives you not only a lower up-front cost, but also technology that gets better over time, as you'll get automatic access to new features as they are released.

The G5 Advanced Package includes:

AutoPath™

Forget guessing which guidance line to use, even in complex fields. No more counting rows or harvesting that row of shame.

AutoTrac™ Turn Automation

AutoTrac Turn Automation gives you hands-off and stress-free confidence from one pass to the next. Consistently enter each next-pass square to reduce untilled gaps and rework.

AutoTrac™ Implement Guidance

Precisely place seed, chemical, and fertilizer no matter the terrain with AutoTrac Implement Guidance and optional SF-RTK.

Machine Sync

On-the-go, stress-free unloading in every condition. Work faster, even with inexperienced grain cart operators.

In-Field Data Sharing

Between multiple machines and fields, share guidance lines, coverage maps, as-applied pass-to-pass data, and field totals, without wasteful radio chatter.

7R TRACTORS POWER AND EFFICIENCY





SHIFT INTO HIGH GEAR

The John Deere PowerTech™ PVS 6.8L engine found in the 7R 210 features a single variable geometry turbocharger (VGT) that provides the torque rise and engine responsiveness to meet varying load conditions. Overall benefits of the PowerTech PVS 6.8L engine include great fuel economy and peak torque with quick response under load.

Featured in the 7R 230, 7R 250, and 7R 270, the John Deere PowerTech PSS 6.8L engine utilizes twin series turbochargers, one fixed and one VGT, that help maintain engine performance and provide a controlled pressure boost for added fuel economy.

The higher horsepower 7R 290, 7R 310, 7R 330, and 7R 350 include the John Deere JD9 engine. With a single variable geometry turbocharger, this engine is designed to maximize uptime while setting a new standard for the productivity, efficiency, and performance you need.

Power of choice in transmissions. Choose from e23™ PowerShift™ with Efficiency Manager™ with 23 forward gears evenly spaced 15% apart to fit your different operating conditions and implements. Or the Infinitely Variable Transmission (IVT™) that lets you move smoothly from 0 to 26 or 31 mph (40 or 50 km/h) – and any speed in between, including creeper speeds as low as 164 ft (50 m) per hour with a single lever. You'll get a more comfortable ride when pulling a Large Square Baler with LSB Ride Control on 7Rs with IVT. This integrated technology learns to anticipate plunger stroke of the baler to improve response and reduces active vibrations.

CommandPRO™ (IVT only) delivers seamless control of your tractor and implements all in the palm of your hand. Move from parked to top speeds with a simple push of a button. Eleven customizable buttons let you match functions to the job, with options to configure various set speeds to keep you in command.



7R TRACTORS TRANSPORT





AGILITY AND POWER: THE PERFECT COMBINATION

Hauling implements for transport is another big advantage of the 7R tractor lineup. With high horsepower, light weight, and a compact chassis, the nimble 7R tractor delivers the pulling power you need and the drivability to move quickly and easily. Get an additional boost of up to 30 hp in transport or non-stationary PTO applications with Intelligent Power Management (IPM).



ActiveCommand Steering 2 (ACS™ 2)

Optional ACS2 allows you to customize steering performance in the field or on the road, including steering sensitivity and resistance. You can also toggle variable ratio steering from the CommandCenter™ Display.



Reactive Steering

Have more confidence when transporting an implement on the road thanks to the optional Reactive Steering. Reactive Steering features a steering wheel with force to return to center like an on-road vehicle, when activated.

7R TRACTORS HITCHES, AXLES, HYDRAULICS





THE POWER-DRIVEN SUPPORT YOU NEED

The 7 Series Tractor allows you to lift heavy implements with its impressive 17,300 lbs. (7847 kg) 3-point lift capacity. The optional front hitch takes care of operations with its front-mounted implements and a fully independent, 45-mm (1.75-in), 1000-rpm PTO is standard equipment and specially designed for high-power, heavy-PTO loads. Get added load-bearing strength to handle large-capacity and extra-wide implements with an optional Category 4 drawbar. A category 4 hitch is also available with top hp models, including 7R 310, 7R 330, and 7R 350.

The heavy-duty hydraulic system boasts plenty of reserve capacity to operate large hydraulic motors even at reduced engine speeds. Triple Link Suspension (TLS™) delivers electro-hydraulic automatic engagement and gives you the drawbar pulling power you need in all operating conditions with reduced power hop.



REASSURANCE TO KEEP YOU IN THE FIELD

With the purchase of a new John Deere 7R 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 7R 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
- John Deere OEM parts for all repairs
- Availability of service at any authorized John Deere dealership
- Transferability to a new owner

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

John Deere Protect

With the purchase of a PowerGard Protection Plan, you're eligible to buy a John Deere Protect *Maintenance Plus Plan*³ for 7R Tractors. It covers the first 36 Months/1,500 Hours, 36 Months/3,000 Hours, 60 Months/3,000 Hours, or 60 Months/5,000 Hours of ownership — and features no deductible⁴ and no additional charges.

In addition to two to 10 scheduled maintenance events,⁵ the plan also provides:

- Three to five annual expert inspections
- 24-hour uptime assurance⁶
- John Deere OEM Parts (10% discount)
- Transferability to a new owner

Learn more about John Deere Protect plans at JohnDeere.com/Protect or JohnDeere.ca/Protect.

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.

³ PowerGard Protection Plan with minimum terms equal to or greater than the months/hours of the desired John Deere Protect Plan must be purchased separately to be eligible for John Deere Protect extended service plans. Additional details are included in the selling description of each plan.

⁴ PowerGard deductible applies to any failures under PowerGard coverage.

⁵ Number of scheduled maintenance events varies based on specific model and John Deere Protect Plan. Please see your participating dealer for complete details.

⁶ Subject to availability.

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 7R 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**

7R TRACTORS SPECIFICATIONS

POWER	7R 210	7R 230	7R 250	7R 270	7R 290	7R 310	7R 330	7R 350
Rated PTO power (hp SAE) at rated engine speed (2100 erpm)*†	170 hp (126 kW)	189 hp (140 kW)	205 hp (152 kW)	224 hp (167 kW)	242 hp (180 kW)	260 hp (193 kW)	260 hp (193 kW)	260 hp (193 kW)
Rated engine power PS (hp ISO) at rated engine speed (ECE-R120)*	210 hp (154 kW)	230 hp (169 kW)	250 hp (184 kW)	270 hp (199 kW)	290 hp (213 kW)	310 hp (228 kW)	330 hp (243 kW)	350 hp (257 kW)
Max engine power PS (hp ISO) at 1900 engine rpm (ECE-R120)*	231 hp (170 kW)	253 hp (186 kW)	275 hp (202 kW)	297 hp (218 kW)	319 hp (235 kW)	341 hp (251 kW)	363 hp (267 kW)	385 hp (283 kW)
Intelligent Power Management* (Available) Additional engine horsepower PS (hp ISO) at 2,100 RPM (rated speed)*				30 (48)				25 (40)
PTO torque rise		40%		38%		40%		
PTO power bulge				10%				
ENGINE								
Manufacturer (EU Stage V)	John Deere PowerTech™ 6.8L				John Deere JD9			
Rated speed	2,100 rpm							
Aspiration (US EPA Final Tier 4)	Single turbocharger, variable geometry turbo	Dual turbochargers, variable geometry turbo with fixed geometry turbo in series			Single turbocharger, variable geometry turbo			
Filter, engine air	Dual stage							
Displacement	415 cu in (6.8L)				549 cu in (9.0L)			
Bore and stroke	4.19 in (106 mm) x 5.00 in (127 mm)				4.66 in (118.4 mm) x 5.35 in (136 mm)			
Compression ratio	17.2:1	16.7:1			16.0:1			
Lubrication	Full-pressure, full-flow filtration with bypass							
Filter, oil	Replaceable cartridge style oil filter							
FUEL SYSTEM								
Electronically controlled, high-pressure common rail with electric fuel transfer pump (self priming)								
Filter system	Two stage with water separator and service indicator light							
Filter, primary	10 micron replaceable cartridge w/water indication sensor and drain							
Filter, secondary	2 micron spin-on element							
TRANSMISSIONS								
e23 PowerShift 40K, 26 mph (40 km/h)	Standard (42 km/h @ 1680 rpm w/grp 47 tires, 42 km/h @ 1600 rpm w/grp 48 tires, 42 km/h @ 1520 rpm w/grp 49 tires)				Standard 42 km/h @ 1600 rpm w/grp 48 tires, 42 km/h @ 1520 rpm w/grp 49 tires)		NA	
e23 PowerShift 50K, 31 mph (50 km/h)	Available (50 km/h @ 2000 rpm w/grp 47 tires, 50 km/h @ 1900 rpm w/grp 48 tires, 50 km/h @ 1800 rpm w/grp 49 tires)				Available 50 km/h @ 1900 rpm w/grp 48 tires, 50 km/h @ 1800 rpm w/grp 49 tires)		NA	
John Deere Infinitely Variable Transmission, 26 mph (42 km/h)	Available (42 km/h @ 1440 rpm w/grp 47 tires, 42 km/h @1360 rpm w/grp 48 tires, 42 km/h @ 1290 rpm w/grp 49 tires)				Available (42 km/h @ 1360 rpm w/grp 48 tires, 42 km/h @ 1290 rpm w/grp 49 tires)			
John Deere Infinitely Variable Transmission, 31 mph (50 km/h)	Available (50 km/h @ 1800 rpm w/grp 47 tires, 50 km/h @ 1700 rpm w/grp 48 tires, 50 km/h @ 1620 rpm w/grp 49 tires)				Available (50 km/h @ 1700 rpm w/grp 48 tires, 50 km/h @ 1620 rpm w/grp 49 tires)			
ELECTRICAL SYSTEM								
Two batteries in parallel								
Alternator/Battery	Standard: 210 amp / 12 volt, Available: 250 amp / 12 volt							
Total cold cranking amps	1,900 (2-950 CCA grp 31 batteries)							
REAR AXLE FINAL DRIVES								
Description	Inboard planetary three pinion							
Rack-and-pinion								
110 x 3010 mm diameter (4.33 x 118.5 in)	Standard				NA			
110 x 2550 mm diameter (4.33 x 100.4 in)	Available				NA			
110 x 2808 mm diameter (4.33 x 110.5 in)	Available				NA			
120 x 2550 mm diameter (4.72 x 100.4 in)	Available							
120 x 3010 mm diameter (4.72 x 118.5 in)	Available				Standard			
REAR WHEEL EQUIPMENT								
Description	Group 47/48/49 tires available as singles/duals				Group 48/49 tires available as singles/duals			
FRONT AXLES								
1300 Series MFWD - tread range 60 to 88 in (1524 to 2235 mm)	NA	Standard			NA			
TLS - tread range 60 to 88 in. (1524 to 2235 mm)	Available			Standard		NA		
TLS with front brakes, available with 40km/h, standard with 50km/h				Available		Standard		
HYDRAULIC SYSTEM								
Closed-center, pressure/flow compensated								
Selective control valves	Standard: 4, Available: 5							
Main pump, axial piston (displacement)	Standard: 63 cc, Available: 85 cc							
Maximum pressure	2,958 psi (20,400 + or- 300 kPa)							
Rated flow, 63cc pump	43 US gpm (162 lpm)							
Rated flow, 85cc pump	59 US gpm (223 lpm)							
Available flow at a single rear SCV	35 US gpm (132 lpm)							
Available flow at a single front SCV	33 US gpm (126 lpm)							
Take out oil capacity	Standard: 65 L, Available: 85 L (aux reservoir)							
3-POINT HITCH - REAR								
Electronically controlled, high-pressure common rail with electric fuel transfer pump (self priming)								
Category 3/3N w/ Quick-Coupler	Standard: 15,200 lb (6894 kg)							
Category 3/3N w/ Quick-Coupler	Available: 17,300 lb (7847 kg) [requires 120mm dia axle]							
Category 4N/3 w/ Quick-Coupler	NA				Available: 17,300 lb (7847 kg)			
Category 4N/3 w/ Ball/Hook Ends and Deluxe Stabilizers	NA				Available: 17,300 lb (7847 kg)			
REAR POWER TAKE OFF (PTO)								
1-¾ in. (44.5 mm), 20-spline, 1,000-rpm	Standard							
1-¾ in. (44.5 mm), 20-spline, 1,000-rpm; capable of 1-¾ in. (34.9 mm) 540/1000 rpm	Available							
1-¾ in (44.5 mm), 20-spline, 1,000-rpm; capable of 1-¾ in. (34.9 mm) 540/1000/1000E rpm	Available							
1-¾ in. (44.5 mm), 20-spline, 1,000-rpm; capable of 1-¾ in. (34.9 mm) 540/540E/1000 rpm	Available							
PTO Speed @ Engine rpm	(540/1000 PTO rpm @ 1950 engine rpm) (540E/1000E PTO rpm @ 1750 engine rpm)							
3-POINT HITCH - FRONT								
Category 3N								
Lift capacity through full lift range (measured 24 in. (610 mm) in front of hook points)	6740 lb (3060 kg) lift capacity (ground engaging requires premium front hitch)							
Lift capacity through full lift range (measured 0 in. (0 mm) in front of hook points)	7670 lb (3480 kg) lift capacity (ground engaging requires premium front hitch)							
INTEGRATED TECHNOLOGY								
Integrated AutoTrac™	Standard							
Modular Telematics Gateway (MTG)	Available with JDLink™ hardware, activations, and ethernet harnesses (availability dependent upon destination)							
Service Advisor™ Remote	Available with JDLink™ hardware and activations							
CommandCenter™ G5 ^{Plus} Display 8.4 in (213 mm) w/ 4200 processor	Availability dependent upon destination							
CommandCenter™ G5 ^{Plus} Display 10 in (254 mm) w/ 4600 processor	Availability dependent upon destination							
StarFire™ Receiver	Standard							

CAPACITIES	7R 210	7R 230	7R 250	7R 270	7R 290	7R 310	7R 330	7R 350
Fuel tank, e23				122 gal (463 L)				NA
Fuel tank, IVT				135 gal (513 L)				
DEF tank				6.9 gal (26.2 L)				
WHEELBASE								
MFWD / TLS				115.2 in (2925 mm)				
MFWD / TLS axle clearance - 1300 axle, G43 420/85R34 tires				19.5 in (495 mm)				
Turning radius - 380/85R34 group 42 tires @ 60-in (1524 mm) spacing, 1300			22 ft (6.7 m)				NA	
Turning radius - 600/70R30 group 43 tires @ 74.1-in. (1882 mm) spacing, TLS				22 ft (6.7 m)				
Turning radius - 620/75R30 group 44 tires @ 82-in. (2083 mm) spacing, TLS				28.5 ft (8.7 m)				
See OM for additional configurations								
AVERAGE BASE WEIGHT								
IVT, 85cc pump, 4 SCVs, PTO, CAT4 drawbar, 600/70R30 front tires, 710/70R42 rear tires, TLS, front hitch				25,700 lb (11700 kg)				
IVT, 85cc pump, 6 SCVs, PTO, CAT4 drawbar, 480/70R34 front tires, 480/80R50 rear tires, TLS				24,300 lb (11000 kg)				
e23, 63cc pump, 4 SCVs, PTO, CAT3 drawbar, 18.4R46 rear tires, 420/90R30 rear tires, TLS				22,200 lb (10000 kg)				NA
Max ballast level	145 lb (65.8 kg)/SAE PTO HP - see OM for specific ballast instructions					135 lb (61.2 kg)/SAE PTO HP - see OM for specific ballast instructions		
Max payload capacity	See OM for details on tractor loading							
CAB								
Cab glass area				70.61 sq ft (6.56 sq m)				
Cab volume				114.42 cu ft (3.24 cu m)				

Specifications and design subject to change without notice. Pre-production models shown.

*John Deere Standard RES10080, SAE Standards J1995. † PTO power for IVT models. Does not include available equipment losses.

Nominal data is metric. Standard data is converted from metric data. Use metric for all calculations.



*SUPPORTED
BY ONE OF THE MOST
RESPONSIVE DEALER
NETWORKS IN
THE BUSINESS.*

Nobody cares more about keeping your equipment in solid working order than your John Deere dealer. With a complete inventory of genuine John Deere parts, highly trained service technicians, and a thorough understanding of your business, your John Deere dealer knows how to keep you and your equipment up and running.

A strong name in equipment, and a strong dealership network: Get it all with John Deere.

7R

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