

9 SERIES TRACTORS

390-640 Engine Horsepower



JOHN DEERE



WELCOME TO THE BIG TIME

The 9R/9RT/9RX Tractors

Now 9 Series Tractors precision ag offerings take a leap forward with G5^{Plus} display, StarFire™ integrated receiver, cornerpost display and more. 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 new 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 resolution¹. It's all easier with the G5^{Plus}.

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 in better quality than before.

New technologies like the G5^{Plus}, StarFire™ Receiver, implement ethernet and more help pave the path for you to adopt autonomy. Autonomy Prep option equips your tractor with hardware components needed to operate autonomously in the future.*

You'll get more power on 9RT Tractors thanks to a 20 hp increase. All 9 Series Tractors will see SCV improvements and continue to feature the best in cab comfort.

Ranging from 390 to 640 horsepower, John Deere has the ideal tractor for your operation's toughest jobs. Contact your dealer and experience the 9 Series today.

*Additional hardware will be needed in the future to be fully autonomous.
¹compared to previous models.





2-9 9R/RT/RX Tractors

You aren't looking for just any tractor. You need the right tractor to tackle your biggest jobs. Browse overviews and features of the entire 9 Series lineup.

10-15 Cab Comfort

From seeding and tillage through harvest, it's your home away from home. So we've gone all out to bring comfort and convenience to the 9 Series cab. See what package is right for you.

16-17 Visibility Packages

The work doesn't go away when the sun goes down. But the visibility packages available with your 9 Series will have you seeing just fine, no matter the time.

18-19 Power and Efficiency

Looking for uncompromised performance? You've come to the right place. It all starts with your engine and transmission, so see what your 9 Series will be working with.

20-23 Technology and Support

The 9 Series Tractors are built to speed you up, not slow you down. Learn about the services available in your technology-enabled machine.

24-25 Parts and Attachments

Add more to your 9 Series Tractor with John Deere attachments.

26-31 Specifications

Each 9 Series model was designed with clear intention. Learn what our newest tractors are made of and decide which will best serve your operation.

32 Dealer Support

John Deere is supported by one of the most responsive dealer networks in the business. Whatever your needs, your dealer knows exactly how to keep you up and running.

9R Tractors

THE BIGGEST OF THE BIG WHEELS

With work windows shrinking by the year, you need a tractor that can pull wider implements faster and more precisely than ever before. The lineup of 9R Tractors offers a wide range of horsepower to, well, power you through planting or seeding, tillage and harvest applications at a rate you've only dreamed of – until now, that is.

There's a variety of tire options, and the industry-exclusive HydraCushion™ front-axle suspension available on 9R Tractors helps mitigate the power hop and road lobe that can occur when pulling large implements across loose soil and roadways. Get ready to work your fields without having to throttle back.

The cab is nothing short of luxurious, but don't let that distract you from JD14 (13.6L- 827 cu. in.) engine. Precision ag offerings take a leap forward with the integrated StarFire™ receiver, G5^{Plus} display and improved cornerpost display as well as the latest in precision ag technology.

Continue reading for more details.

Six models from 390 to 640 engine horsepower.
Find out more at JohnDeere.com or JohnDeere.ca





*The **9R 640** is capable to handle your most demanding tillage tools with ease. With TruSet™ on your tillage tool you have the perfect combination of brains and brawn.*

9RT Tractors

GET STRAIGHT TO THE POINT

When you need speed, power and accuracy to navigate the toughest of surfaces in your field, turn to the 9RT Tractors.

Each 9RT in the lineup features a newly designed JD14 (13.6L-827 cu.in) engine, providing greater fluid efficiency. With two tracks you'll get 52% more ground contact than with wheels, along with the best straight-line pulling you've ever experienced. Now all 9RT models get a 20 hp bump giving you even more power to get the job done.

The 9RTs feature improved precision ag offerings like the integrated StarFire™ receiver, G5^{Plus} display and improved cornerpost display and more. The cab is well-appointed with comfort and detail. The industry-exclusive Air Cushion™ suspension helps you enjoy a smooth ride both in the field and on the road.

**Three models from 490 to
590 engine horsepower.
Find out more at JohnDeere.com
or JohnDeere.ca**



106" tread spacing (269.2 cm) on 30" and 36" (76.2 and 91.4 cm) track widths to fit your job.



FOUR TRACKS FOR YOUR

Our 9RX Tractors are ideal when you need a powerful, high-flotation, four-track tractor that can handle higher-speed, wider-working implements like air seeding equipment and tillage tools.

Multiple track widths and tread spacings allow the 9RX to perform both row-crop and broad-acre applications, with better grip in tough soil conditions and less berming during planting applications and under heavy loads.

Their impressive strength, greater hydraulic capacity, 4-post cab suspension and latest engine advancements make large jobs manageable and long days fly by. Their cabs are unrivaled, but we'll let you read more about them in the coming pages.

The 9RX Tractors leap forward with precision ag offerings. The integrated StarFire™ receiver, G5^{Plus} display and improved cornerpost display give you better visibility and more processing power so you can do more applications, like AutoTrac™ Turn Automation, AutoPath™, AutoTrac™ Implement Guidance, Machine Sync and in-field data sharing.

**Models from 490 to 640 engine horsepower.
Find out more at JohnDeere.com or JohnDeere.ca**

Tread spacing from 80"-120" (203.2 - 304.8 cm) on 18", 24", 30", and 36" (45.7, 61.0, 76.2 and 91.4 cm) track widths to fit your job.



LARGEST JOBS



SETTLE IN AND ENJOY THE RIDE

If you're in need of a big-time tractor, there's a good chance you'll be spending big-time hours in the cab. That's why we've pumped up the comfort and convenience across the entire 9 Series lineup.

You may feel like you're cruising in a luxury car, but the results in the field will confirm you're working hard. It's also quiet, thanks to the laminated glass and front console barrier. Enjoy a cooler cab and better visibility to operator screens with rear window tint on the CommandView™ 4 cab glass. And don't forget to stretch those legs. Just because you can.

Amenities are abundant and they vary by package.

Select

- Cloth seat with mechanical controls and mechanical lumbar support; 8° left-hand and 40° right-hand swivel
- AM/FM/WX radio with auxiliary and Bluetooth inputs; 4 speakers
- Business-band ready
- 4 USB ports and 12V outlet
- Dual-tilt steering column
- Foot rests

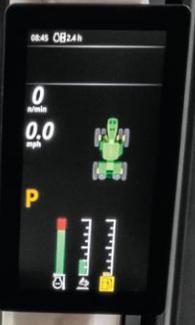
Premium

- Cloth seat with electronic controls and pneumatic lumbar support; 25° left-hand and 40° right-hand swivel
- 6.5-inch (16.5 cm) touchscreen radio, SiriusXM satellite and smartphone ready; 6 speakers with subwoofer
- Business-band ready
- 4 USB ports, 12V outlet
- Dual-tilt steering column
- Foot rests
- Refrigerator
- Right-hand accessory rail
- 110/220V outlet

Ultimate

- Leather seat with electronic controls, massage and pneumatic lumbar support; 25° left-hand and 40° right-hand swivel; heated and ventilated; adjustable bolsters
- 6.5-inch (16.5 cm) touchscreen radio, SiriusXM satellite and smartphone ready; 6 speakers with subwoofer
- Business-band ready
- 4 USB ports, 12V outlet
- Dual-tilt steering column
- Foot rests
- Refrigerator
- Right-hand accessory rail
- Carpeted floor mat
- Leather-wrapped steering wheel
- 110/220V outlet

Ultimate Comfort and Convenience package shown.







RETREAT TO YOUR SEAT

You're going to put in some long days, but in a seat this comfortable, it sure won't feel like it.

Find your perfect sitting position with adjustable side bolsters and a higher backrest than in previous 9 Series models. The seat is heated and ventilated so you'll feel great all year round. And when the hours pile on – or even just for fun – the massaging feature will keep you loose and focused on the task at hand.

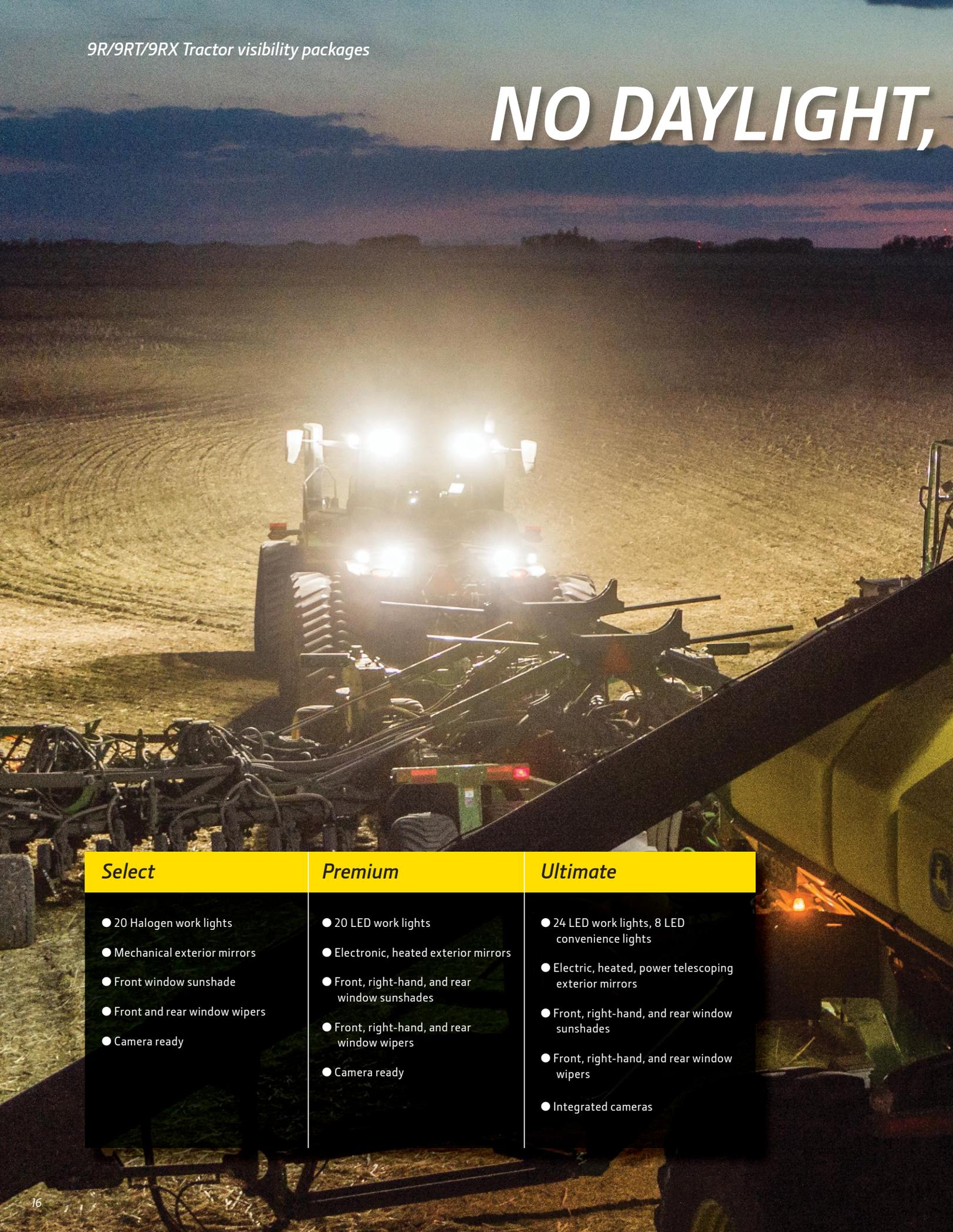
(Available in Ultimate Comfort and Convenience Package.)

TAKE IT ALL IN

With three times more swivel to the right, it's never been easier to check on implements behind you or simply admire every angle of your good work. Pneumatic lumbar support and electronic controls let you make adjustments with ease.



NO DAYLIGHT,



Select

- 20 Halogen work lights
- Mechanical exterior mirrors
- Front window sunshade
- Front and rear window wipers
- Camera ready

Premium

- 20 LED work lights
- Electronic, heated exterior mirrors
- Front, right-hand, and rear window sunshades
- Front, right-hand, and rear window wipers
- Camera ready

Ultimate

- 24 LED work lights, 8 LED convenience lights
- Electric, heated, power telescoping exterior mirrors
- Front, right-hand, and rear window sunshades
- Front, right-hand, and rear window wipers
- Integrated cameras

NO PROBLEM

No matter the season – even at the height of summer – some jobs just take longer than what the sun can provide. Now you can power into the night without concern.

Our visibility packages truly step up, shedding new light on nighttime productivity. With twice as much LED lighting as in previous models, you can look forward to a bright, 360° illumination of the field around you. (Available in Ultimate Visibility Package.)

Choose the visibility package that will help you make the most of your time, no matter the time. Amenities vary by package.



Ultimate Visibility package shown.

9R/9RT/9RX Tractor power and efficiency

FEEL THE POWER, DIG THE CONTROL



We wouldn't keep mentioning that we added more horsepower if we didn't think it was important to you. But since it obviously is, it can't hurt to bring it up again. We didn't forget to improve the shifting control either. These latest upgrades give you extra pulling power and the ability to reach and maintain higher speeds in rougher field conditions – without sacrificing accuracy or fuel economy.

Designed for performance, reliability and serviceability, all 9 Series models feature a JD14 (13.6L - 827 cu.in.) engine.

The e18 transmission, which comes standard in 9 Series Tractors, delivers smooth shifting and intuitive controls. With redesigned gears, increased cooling capacity for clutch disks and more clutch disks in range clutches, the e18 is built to handle sudden, high-torque power loads while maintaining responsive, quick and smooth shifts.



SEE MORE. KNOW MORE. DO MORE.

G5^{Plus} CommandCenter™ Display

Bigger. Faster. Clearer.

Ready to see more? Know more? DO more? The G5^{Plus} CommandCenter™ Display gives you a bigger picture of your 9 Series Tractor's performance and work in the field.

- 12.8-inch touchscreen – 35% larger to make on-the-go infield adjustments easier¹
- 3x faster processor ... for quicker boot times¹
- High resolution 1080p screen for brighter, clearer views
- 2 digital and 4 analog video camera inputs
- Essential to be ready for future autonomous and sense-and-act technology

The G5^{Plus} CommandCenter comes with a permanent AutoTrac™ and Section Control license. And a permanent AutoTrac™ RowSense™ license is also available. And for even more automation productivity there's also an optional G5 Advanced Package that bundles our most popular precision tools. More than a display, this is your path to the future of precision ag. Experience the benefits of the larger, faster, and clearer display no matter the job.



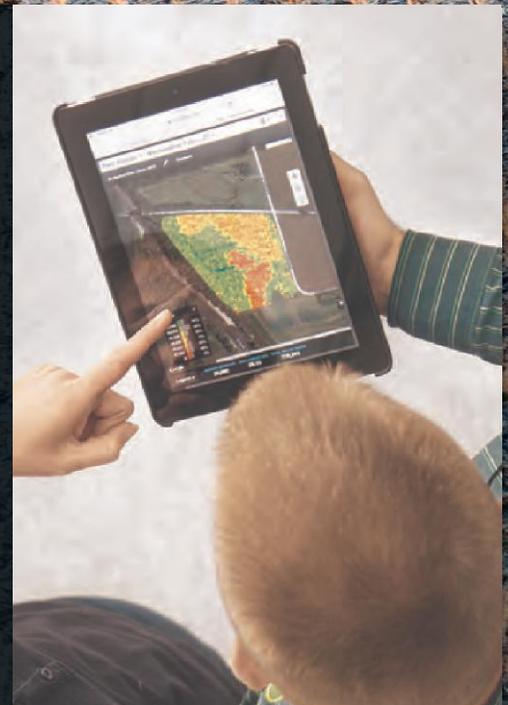
John Deere Operations Center™ :

Unlock the full power of your farm data.

Imagine, managing your farm operations anytime, anywhere. You can with John Deere Operations Center™. It's a free², online farm management system that enables 24/7 access to farm information through web, tablet, or mobile phone. Operations Center empowers you to manage your operation more efficiently, do a better job on every pass, reduce costs, and improve profitability.

With Operations Center, you can seamlessly connect data from your fields, your machines, and your operators and advisors. It puts at your fingertips all the information you need to maximize critical farm operations, from tillage, planting and seeding to applying and harvesting.

- Setup and manage your critical farm operations
- Plan work to reduce errors and gain efficiencies
- Monitor job quality and productivity in near real time
- Analyze this season's results to improve next season's crops



¹ Compared with previous Generation 4 displays

Activation 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.



G5 Advanced Package

More precision. More automation. More productivity.

Take your in-field productivity and performance to the next level with our optional G5 Advanced Package. It bundles some of Deere's most advanced precision ag tools into one easily renewable 1- or 3-year license. Tailored to your machines, G5 Advanced Package offers lower up-front cost, gets better over time, and you only pay for what your farm needs. Designed to make you more productive, more precise, and less stressed, the G5 Advanced Package includes:

AutoPath™ – Forget guessing which guidance line to use, even in complex fields. No more counting rows in the field.

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

AutoTrac™ Implement Guidance – Precise implement placement keeps spacing accurate, even on side hills or around curves.

In-Field Data Sharing – Day or night, between multiple machines and fields, you can share guidance lines, coverage maps, as-applied pass-to-pass data and field totals...without wasting time on radio chatter.

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

HERE FOR YOU. HERE FOR YOUR MACHINE.

We know peace of mind is important to you. That's why we provide comprehensive protection and warranty packages – along with superior customer support – to keep your new 9R Series tractor operating at its best. From PowerGard™ and John Deere Protect™ to John Deere Connected Support, we have just what you need to keep running all year long.

POWERGARD

The PowerGard Protection Plan¹ offers valuable extended warranty coverage to protect your new 9R Series tractor from the unexpected and to ensure it's ready when you need it. PowerGard is available when purchased during the initial 12-month basic warranty² and provides two options:

- **Comprehensive** (for main components of the full machine)
- **Limited** (for main components of the engine and powertrain)

Other benefits of a PowerGard Protection Plan include:

- Select from a variety of flexible term lengths, in total months and total hours.
- No pre-approval of claims necessary. Call or visit any authorized John Deere dealership for service.
- Expert dealer technicians will fix it right, with exactly the right John Deere parts to fit your machine.
- Any remaining PowerGard coverage is fully transferable to a new owner, with no transfer fee.

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

JOHN DEERE PROTECT

The John Deere Protect Maintenance Plus Plan is designed to help you maintain original performance and uptime of your new John Deere 9R Series tractor for the first 36 months/1,500 or 3,000 engine hours (with no deductible³ and no additional charges). You can buy the plan when purchased in conjunction with a PowerGard™ Comprehensive Protection Plan⁴.

The John Deere Protect Maintenance Plus Plan⁵ includes:

- 3 Annual Expert Inspections
- 3 or 6 Scheduled Maintenance Events
- 24-Hour Uptime Assurance⁶

The three end-of-season expert inspections evaluate all critical areas of your 9R Series tractor and identify potential problems to prevent downtime; while the three or six scheduled preventive maintenance events keep the machine properly maintained for upcoming field work.

24-hour uptime assurance enables you to keep working if your 9R Series tractor cannot be repaired within 24 hours.

Learn more at JohnDeere.com or JohnDeere.ca.

¹ The PowerGard Protection Plan does not cover attachments, maintenance or wear parts, nor other non-covered components specifically mentioned in the contract terms.

² All new John Deere 9R Series tractors come with a standard basic warranty of 12 months.

³ PowerGard deductible applies to any failures under PowerGard coverage.

⁴ PowerGard Comprehensive Protection Plan with a minimum term of 36 months/1,500 or 3,000 hours must be purchased separately to be eligible for John Deere Protect extended service plans. Additional details are included in the selling descriptions of each included plan.

⁵ For complete plan details, contact a participating dealer near you.

⁶ Subject to machine availability, a rental machine will be provided while yours is being repaired.

⁷ JDLink requires a cellular connection to transfer information from machine to JDLink website. Connectivity service is subject to country availability. Consult your John Deere Dealer for coverage availability.

CONNECTED SUPPORT

Your 9R Series tractor comes with a JDLink™⁷ connection and, once activated, your John Deere dealer can offer Connected Support services. With your permission, your dealer can “dial in” to your tractor’s diagnostic data and assess trouble codes to help you avoid downtime.

Service Advisor™ Remote

Allows your dealer to remotely analyze Diagnostic Trouble Codes in near real time so technicians arrive on-site with the right parts and the right tools to quickly repair your tractor.

Expert Alerts

An industry exclusive, Expert Alerts is a proactive monitoring system that notifies dealers of potential tractor issues. This allows technicians to remotely diagnose issues and fix them before they become a problem.

Remote Display Access

Lets your dealer remotely and quickly assist you with in-cab display setup and adjustments for optimal tractor performance.

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



EXPERIENCE THE JOHN DEERE DIFFERENCE

From the person at the parts counter to the technician inspecting your machine, your John Deere dealer team is trained to know the ins and outs of your 9 Series Tractor. It's an important piece of the John Deere Difference, but not the only one.

You'll notice others whenever you connect with your dealer. Like when you walk out the door with the right part, attachment or performance upgrade that meets both your expectations and your budget. Or when you get questions answered remotely while you keep working in the field.

But the John Deere Difference goes even further with the value of choice by offering Genuine John Deere, Reman and A&I Products, along with a 12-months limited parts and labor warranty¹ and multiple financing options². With all that, you can be confident that your local John Deere dealer has you covered season after season.

¹12 month/unlimited hour warranty on most new John Deere agricultural parts when installed by an authorized John Deere Dealer. 6 month/unlimited hour warranty for most new John Deere agricultural and turf equipment parts. See John Deere Service Parts Warranty US & Canada and participating dealers for more details. Most A&I/Sunbelt parts carry a 1-year warranty. Some exclusions apply. See your participating A&I re-seller or John Deere Dealer for more details.

²Financing on approved John Deere Financial credit only. Contact your Multi-Use Account merchant or dealer for complete details.





MOUNTING POWER STRIP

Install a convenient power source to the interior of your tractor cab. Lets you plug in displays, monitors and other electronic devices.

- RE596958:** Mounting Power Strip (6 outlets)
- BRE10575:** Short Vertical Mounting Rail



REAR HITCH HEAVY-DUTY GREASEABLE PIN KIT

Provides a grease zerk fitting on each upper pin so you can lubricate weekly for greater durability.

- BRE10331:** Rear hitch heavy-duty greaseable pin kit (9360R, 9410R, 9460R, 9510R, 9560R, 9460RT, 9510RT, 9560RT, 9370R, 9420R, 9470R, 9470RT, 9520RT, and 9570RT)
- BRE10332:** Rear hitch heavy-duty greaseable pin kit (9520R, 9570R, 9620R, 9470RX, 9520RX, 9570RX, and 9620RX)



SCV COUPLER KITS

Modify or upgrade your SCVs with the parts below.

- BXX10947:** MY249RT - 8 SCV kit (4+4) (3-180Lpm slices with 3/4")
- BXX10946:** 9R/9RX - 8 SCV Kit (4+4) (3-180Lpm slices with 3/4")



FRONT & REAR VIDEO CAMERAS

Get a better picture of what's ahead or what's behind with front and rear video cameras. Both are easy to install on your new tractor.

- BXX11361:** 9R Front digital camera
- BXX11360:** 9R Rear digital camera (implement bracket)



TRACK SPACING KITS

Stand ready to adjust your 9RX Tractor for various crop types with track spacing kits. Offered in multiple widths to suit your operation.

- BXX10154:** 80-in. Kit (Narrow track)
- BXX10155:** 88-in. Kit (Narrow track)
- BXX10156:** 120-in. Kit (Narrow track)
- BXX10157:** 88-in. Kit* (Wide track)
- BXX10158:** 120-in. Kit* (Wide track)

*MY22 9RX wide track only



MUD SCRAPER & DEBRIS SHIELD KITS

Add mileage to your 9RX track belts with mud scraper and debris shield kits*. Both help belts last a lot longer by mitigating harmful debris buildup.

- BRE10295:** Inner Drive Sprocket Mud Scraper Kit (30-in. & 36-in.)
- BRE10348:** Inner Drive Sprocket Mud Scraper Kit (18-in. & 24-in.)
- BRE10249:** Inner Debris Shield Kit (30-in. & 36-in.)
- BRE10307:** Inner Debris Shield Kit (18-in. & 24-in.)
- BXX10720:** Mud Scraper Kit

*Kits include a quantity of 4

Specifications 9R Tractors

| POWER | 9R 390 | 9R 440 | 9R 490 | 9R 540 | 9R 590 | 9R 640 |
|--|--|-----------------|-----------------|--|---------------------|-----------------|
| Rated PTO power (hp SAE) at rated PTO speed (1895 erpm)** | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) |
| Rated Engine power PS (hp ISO) at rated engine speed (EU 2016/1628)* | 390 hp (287 kW) | 440 hp (324 kW) | 490 hp (360 kW) | 540 hp (397 kW) | 590 hp (434 kW) | 640 hp (471 kW) |
| Max Engine power PS (hp ISO) at max engine power speed (EU 2016/1628)* | 429 hp (316 kW) | 484 hp (356 kW) | 539 hp (396 kW) | 594 hp (437 kW) | 649 hp (477 kW) | 691 hp (508 kW) |
| Seeding Hydraulic Intelligent Power Management (Option), Additional Engine Horsepower PS (hp ISO) at 2,100 RPM (rated speed) | NA | | | | 25 | |
| Torque Rise (Nominal Engine) at 1600 rpm | 38% | | | | | |
| Power Bulge (Nominal Engine) at 1900 rpm | 10% | | | | 8% | |
| ENGINE | Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head | | | | | |
| Manufacturer | JD14 (13.6L-827 cu.in) | | | | | |
| Rated speed | 2,100 rpm | | | | | |
| Aspiration | Single wastegated turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | | | Dual series turbocharger with fixed geometry first stage and wastegated second stage; air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | | |
| Filter, engine air | Dual stage with exhaust aspiration | | | | | |
| Displacement | 827 cu in. (13.55L) | | | | | |
| Bore and stroke | 5.2 in. (132 mm) x 6.5 in. (165 mm) | | | | | |
| Compression ratio | 15.9:1 | | | | | |
| Lubrication | Full-pressure, full-flow filtration with bypass | | | | | |
| Filter, oil | Replaceable spin-on style oil filter | | | | | |
| FUEL SYSTEM (type) | 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 | | | | | |
| TRANSMISSION | Standard | | | | | |
| e18™ 18-speed PowerShift 40 kph (25 mph); 18F, 6R with Efficiency Manager™ | Standard | | | | | |
| ELECTRICAL SYSTEM (Three or four batteries in parallel) | Standard | | | | | |
| Alternator/Battery | 250 amps / 12 Volt – 330 amps / 12 Volt Available | | | | | |
| Total cold cranking amps | 2775 (3-925CCA) / 3700 (4-925CCA) | | | | | |
| Batteries | 3 | | | | | |
| AXLE FINAL DRIVES | Standard | | | | | |
| Inboard planetary with double-reduction axle | Standard | | | | | |
| AXLES | Standard | | | | | |
| 120 x 3048 mm diameter (4.72 x 120 in.) long, HydraCushion front axle suspension | Available | | | | Standard | |
| WHEEL EQUIPMENT | Group 47/48 tires available as Single/Duals/Triples - See dealer for tire size selection and limitations | | | | | |
| STEERING | Standard | | | | | |
| Hydraulic power-steering | Standard | | | | | |
| Active Command Steering (ACS) | Available | | | | | |
| DIFFERENTIAL LOCK | Standard | | | | | |
| Full-Locking electrohydraulic, front and rear axle, with AutoMode | Standard | | | | | |
| HYDRAULIC SYSTEM (type) | Closed-center, pressure/flow compensated | | | | | |
| Selective control valves | 4 - 8 factory or field installed | | | | | |
| Maximum pressure | 2,900 psi (20,000 kPa) | | | | | |
| Maximum pump flow with Base Hydraulics | Standard: 208 L/min 55 gpm | | | | | |
| Maximum pump flow: high-flow | Available: 416 L/min 110 gpm | | | | | |
| Available flow at a single SCV - 1/2 in. coupler | 35 U.S. gpm/132 lpm | | | | | |
| Available flow at a single SCV with high-flow - 3/4 in. coupler | Field Installed Option - 46 U.S. gpm/170 lpm | | | | | |
| 3-POINT HITCH | Electric-Hydraulic 3-Point Hitch with Draft Sensing | | | | | |
| Category 4N with Quik-Coupler- All Axle Diameters Allowed | Available: 6804 kg (15000 lb) | | | NA | | |
| Category 4N with Quik-Coupler- 120mm Axle Required | Available: 9072 kg (20000 lb) | | | NA | | |
| Category 4N/4 with Quik-Coupler- All Axle Diameters Allowed | Available: 6804 kg (15000 lb) | | | NA | | |
| Category 4N/4 with Quik-Coupler- 120mm Axle Required | Available: 9072 kg (20000 lb) | | | NA | | |
| DRAWBAR*** | Standard | | | | | |
| Cat 4 w/ Std Drawbar Support, 2470 kg (5450 lb) Maximum Vertical Load | Standard | | | NA | | |
| Cat 4 w/ HD Drawbar Support, 2470 kg (5450 lb) Maximum Vertical Load | Available | | | NA | | |
| Cat 4 w/ HD Drawbar Support and reinforcement kit, 4900 kg (11000 lb) Maximum Vertical Load | Field Installed Only | | | NA | | |
| Cat 4 HD Drawbar, 4900kg (11000 lb) Maximum Vertical Load | Available | | | NA | | |
| Cat 5 w/ HD Drawbar Support 5440 kg (12000 lb) Maximum Vertical Load | Available | | | Standard | | |
| Drawbar Support for Long Scraper Drawbars | | | | NA | | |
| Drawbar Support for Short Scraper Drawbars | | | | NA | | |
| PTO (Power Take Off), Rear, Independent | Standard | | | | | |
| 1-3/4 in., 20-spline, 1,000-rpm | Available | | | | | |
| AutoTrac™ READY | Standard | | | | | |
| Modular Telematics Gateway (MTG) | Available JDLink™ Ultimate and Ethernet Harnesses (availability dependent upon destination) | | | | | |
| ServiceADVISOR™ REMOTE | Capable with JDLink™ hardware and activations | | | | | |
| ISOBUS Implement Connection | Standard (ISO 11783) | | | | | |
| BRAKES | Hydraulic power, wet-disk, self adjusting | | | | | |
| Hydraulic power, wet disk, self adjusting on front and rear axle | Standard | | | | | |
| Hydraulic trailer brakes | Available | | | | | |
| CAPACITIES | Standard | | | | | |
| Fuel Tank | 1514 L (400 gal) | | | | | |
| DEF Tank | 120 L (31.7 gal) | | | | | |
| Cooling system | 56.5 L (14.9 gal) | | | | | |
| Crankcase with filter | 64 L (16.9 gal) | | | | | |
| Hydraulic/transmission/axle oil without 3-point rear hitch and without PTO | 234.7 L (62 U.S. gal) | | | | | |
| Hydraulic/transmission/axle oil with 3-point rear hitch and PTO | 242.3 L (64 U.S. gal) | | | | | |
| SHIPPING WEIGHT | Standard | | | | | |
| Estimated shipping weight | 20856 kg (45980 lb) | | | | 21174 kg (46680 lb) | |
| WHEELBASE LENGTH | 154 in. (3912 mm) | | | | | |

Specifications and design subject to change without notice. Pre-production models shown. *Power callout refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. Equivalents: EU 2016/1628, Stage V; 97/68/EC for non-Stage V and SAE Standards J1995. **9R 440 - 9R 640 rated values are stated when tractor is stationary. ***Maximum vertical load when drawbar is in short position. Values are based on factory observed data.

Specifications 9R Scraper Special Tractors

| POWER | 9R 490 Scraper Special | 9R 540 Scraper Special | 9R 590 Scraper Special | 9R 640 Scraper Special |
|---|--|--|------------------------|------------------------|
| Rated PTO power (hp SAE) at rated PTO speed (1895 erpm)** | NA | NA | NA | NA |
| Rated Engine power PS (hp ISO) at rated engine speed (EU 2016/1628)* | 490 hp (360 kW) | 540 hp (397 kW) | 590 hp (434 kW) | 640 hp (471 kW) |
| Max Engine power PS (hp ISO) at max engine power speed (EU 2016/1628)* | 539 hp (396 kW) | 594 hp (437 kW) | 649 hp (477 kW) | 691 hp (508 kW) |
| Seeding Hydraulic Intelligent Power Management (Option) | | | NA | |
| Torque Rise (Nominal Engine) at 1600 rpm | | | 38% | |
| Power Bulge (Nominal Engine) at 1900 rpm | | 10% | | 8% |
| ENGINE | Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head | | | |
| Manufacturer | JD14 (13.6L-827 cu.in) | | | |
| Rated speed | 2,100 rpm | | | |
| Aspiration | Single wastegated turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | Dual series turbocharger with fixed geometry first stage and wastegated second stage; air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | | |
| Filter, engine air | Dual stage with exhaust aspiration | | | |
| Displacement | 827 cu in. (13.55L) | | | |
| Bore and stroke | 5.2 in. (132 mm) x 6.5 in. (165 mm) | | | |
| Compression ratio | 15.9:1 | | | |
| Lubrication | Full-pressure, full-flow filtration with bypass | | | |
| Filter, oil | Replaceable spin-on style oil filter | | | |
| FUEL SYSTEM | Two Stage Filter with water separator and service indicator light | | | |
| Type | Electronically controlled, high-pressure common rail with electric fuel transfer pump (self priming) | | | |
| Filter, primary | 10 micron replaceable cartridge w/ water indication sensor and drain | | | |
| Filter, secondary | 2 micron spin-on element | | | |
| TRANSMISSION | | | | |
| e18**18-speed PowerShift 40 kph (25 mph); 18F, 6R with Efficiency Manager™ | Standard | | | |
| ELECTRICAL SYSTEM (Three or four batteries in parallel) | | | | |
| Alternator/Battery | 250 amps / 12 Volt – 330 amps / 12 Volt Available | | | |
| Total cold cranking amps | 2775 (3-925CCA) / 3700 (4-925CCA) | | | |
| Batteries | 3 | | | |
| AXLE FINAL DRIVES | | | | |
| Inboard planetary with double-reduction axle | Standard | | | |
| AXLES | | | | |
| 120 x 3048 mm diameter (4.72 x 120 in.) long, HydraCushion front axle suspension | Available | | | Standard |
| WHEEL EQUIPMENT | Group 47/48 tires available as Single/Duals/Triples—See dealer for tire size selection and limitations | | | |
| STEERING | | | | |
| Hydraulic power-steering | Standard | | | |
| Active Command Steering (ACS) | Available | | | |
| DIFFERENTIAL LOCK | | | | |
| Full-Locking electrohydraulic, front and rear axle, with AutoMode | Standard | | | |
| HYDRAULIC SYSTEM (type) | Closed-center, pressure/flow compensated | | | |
| Selective control valves | 4 Standard, 6 Available | | | |
| Maximum pressure | 2,900 psi (20,000 kPa) | | | |
| Maximum pump flow with Base Hydraulics | Standard: 208 L/min 55 gpm | | | |
| Maximum pump flow: high-flow | Available: 416 L/min 110 gpm | | | |
| Available flow at a single SCV - 1/2 in. coupler | 35 U.S. gpm/132 lpm | | | |
| Available flow at a single SCV with high-flow - 3/4 in. coupler | 45 U.S. gpm/170 lpm | | | |
| 3-POINT HITCH | Electric-Hydraulic 3-Point Hitch with Draft Sensing | | | |
| Category 4N with Quik-Coupler- All Axle Diameters Allowed | NA | | | |
| Category 4N with Quik-Coupler-120mm Axle Required | NA | | | |
| Category 4N/4 with Quik-Coupler- All Axle Diameters Allowed | NA | | | |
| Category 4N/4 with Quik-Coupler-120mm Axle Required | NA | | | |
| DRAWBAR*** | | | | |
| Cat 4 w/ Std Drawbar Support, 2470 kg (5450 lb) Maximum Vertical Load | NA | | | |
| Cat 4 w/ HD Drawbar Support, 2470 kg (5450 lb) Maximum Vertical Load | NA | | | |
| Cat 4 w/ HD Drawbar Support and reinforcement kit, 4900 kg (11000 lb) Maximum Vertical Load | NA | | | |
| Cat 4 HD Drawbar, 4900kg (11000 lb) Maximum Vertical Load | NA | | | |
| Cat 5 w/ HD Drawbar Support 5440 kg (12000 lb) Maximum Vertical Load | NA | | | |
| Drawbar Support for Long Scraper Drawbars | Available | | | |
| Drawbar Support for Short Scraper Drawbars | Standard | | | |
| PTO (Power Take Off), Rear, Independent | | | | |
| 1-3/4 in., 20-spline, 1,000-rpm | NA | | | |
| AutoTrac™ READY | Standard | | | |
| Modular Telematics Gateway (MTG) | Available JDLink™ Ultimate and Ethernet Harnesses (availability dependent upon destination) | | | |
| ServiceADVISOR™ REMOTE | Capable with JDLink™ hardware and activations | | | |
| ISOBUS Implement Connection | Standard (ISO 11783) | | | |
| BRAKES | Hydraulic power, wet-disk, self adjusting | | | |
| Hydraulic power, wet disk, self adjusting on front and rear axle | Standard | | | |
| Hydraulic trailer brakes | Available | | | |
| CAPACITIES | | | | |
| Fuel Tank | 1514 L (400 gal) | | | |
| DEF Tank | 120 L (31.7 gal) | | | |
| Cooling system | 56.5 L (14.9 gal) | | | |
| Crankcase with filter | 64 L (16.9 gal) | | | |
| Hydraulic/transmission/axle oil without 3-point rear hitch and without PTO | 234.7 L (62 U.S. gal) | | | |
| Hydraulic/transmission/axle oil with 3-point rear hitch and PTO | NA | | | |
| SHIPPING WEIGHT | | | | |
| Estimated shipping weight | 20856 kg (45980 lb) | | | 21174 kg (46680 lb) |
| WHEELBASE LENGTH | 154 in. (3912 mm) | | | |

Specifications and design subject to change without notice. Pre-production models shown. *Power callout refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. Equivalents: EU 2016/1628, Stage V; 97/68/EC for non-Stage V and SAE Standards J1995. **9R 440 - 9R 640 rated values are stated when tractor is stationary. ***Maximum vertical load when drawbar is in short position. Values are based on factory observed data.

Specifications 9RT Tractors

| POWER | 9RT 490 | 9RT 540 | 9RT 590 |
|--|--|-----------------|-----------------|
| Rated PTO power (hp SAE) at rated PTO speed (1895 erpm)** | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) |
| Rated Engine power PS (hp ISO) at rated engine speed (EU 2016/1628)* | 490 hp (360 kW) | 540 hp (397 kW) | 590 hp (434 kW) |
| Max Engine power PS (hp ISO) at max engine power speed (EU 2016/1628)* | 537 hp (400 kW) | 595 hp (437 kW) | 649 hp (477 kW) |
| Seeding Hydraulic Intelligent Power Management (Option), Additional Engine Horsepower PS (hp ISO) at 2,100 RPM (rated speed) | NA | | 25 |
| Torque Rise (Nominal Engine) at 1600 rpm | 38% | | |
| Power Bulge (Nominal Engine) at 1900 rpm | 10% | | |
| ENGINE | Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head | | |
| Manufacturer | JD14 (13.6L-827 cu.in) | | |
| Rated speed | 2,100 rpm | | |
| Aspiration | Dual series turbocharger with fixed geometry first stage and wastegated second stage; air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | | |
| Filter, engine air | Dual stage with exhaust aspiration | | |
| Displacement | 827 cu.in. (13.55L) | | |
| Bore and stroke | 5.2 in. (132 mm) x 6.5 in. (165 mm) | | |
| Compression ratio | 15.9:1 | | |
| Lubrication | Full-flow filtration with bypass | | |
| Filter, oil | Replaceable spin-on style oil filter | | |
| FUEL SYSTEM (type) | 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 | | | |
| e18™ 18-speed PowerShift 40 kph (25 mph); 18F, 6R with Efficiency Manager™ | Standard | | |
| ELECTRICAL SYSTEM (Three batteries in parallel) | | | |
| Alternator/Battery | 250 amps / 12 Volt – 330 amps / 12 Volt Available | | |
| Total cold cranking amps | 2775 (3-925CCA) / 3700 (4-925CCA) | | |
| Batteries | 3 | | |
| FINAL DRIVES | Outboard planetary | | |
| TRACK BELTS | Camsco® 4500 and 6500 Series Tracks | | |
| 30-in. (762 mm) wide belt | Standard | | |
| 36-in. (914 mm) wide belt | Available | | |
| SUSPENSION SYSTEM | Air Cushion suspension system | | |
| Suspension Travel at front idlers | 13.4 in. (340 mm) | | |
| HYDRAULIC SYSTEM (type) | Closed-center, pressure/flow compensated | | |
| Selective control valves | 4 - 6 factory, up to 8 field installed | | |
| Maximum pressure | 2,900 psi (20,000 kPa) | | |
| Maximum pump flow with Base Hydraulics | Standard: 208 L/min 55 gpm | | |
| Maximum pump flow: high-flow | Available: 416 L/min 110 gpm | | |
| Available flow at a single SCV - 1/2 in. coupler | 35 U.S. gpm/132 lpm | | |
| Available flow at a single SCV with high-flow - 3/4 in. coupler | Field Installed Option - 45 U.S. gpm/170 lpm | | |
| 3-POINT HITCH | Electric-Hydraulic 3-Point Hitch with Draft Sensing | | |
| Category 4N with Quik-Coupler | Available: 6804 kg (15000 lb) | NA | |
| Category 4N with Quik-Coupler | Available: 9072 kg (20000 lb) | NA | |
| Category 4/4N with Quik-Coupler | Available: 6804 kg (15000 lb) | | |
| Category 4/4N with Quik-Coupler | Available: 9072 kg (20000 lb) | | |
| DRAWBAR*** | | | |
| Cat 5 w/ HD Drawbar Support, 5440 kg (12000 lb) Maximum Vertical Load | Available | | |
| Cat 5 w/ Wide-Swing Drawbar Support, 4581 kg (10100 lb) Maximum Vertical Load | Standard | | |
| Cat 5 w/ Wide-Swing Drawbar and High Capacity Drawbar Kit, 5440 kg (12000 lb) Maximum Vertical Load | Field Installed Only | | |
| WHEELBASE | | | |
| Description | 97.5 in (2477 mm) | | |
| PTO (Power Take Off), Rear, Independent | | | |
| 1-3/4 in., 20-spline, 1,000-rpm | Available | | |
| AutoTrac™ READY | Standard | | |
| Modular Telematics Gateway (MTG) | Available JDLink™ Ultimate and Ethernet Harnesses (availability dependent upon destination) | | |
| ServiceADVISOR™ REMOTE | Capable with JDLink™ Select & Ultimate | | |
| ISOBUS Implement Connection | Standard (ISO 11783) | | |
| STEERING | Speed-sensitive, hydrostatic, differential | | |
| Heavy Duty Steering Pump - 130cc | Standard | | |
| BRAKES | Hydraulic power, wet-disk, self adjusting | | |
| Hydraulic trailer brakes | Available | | |
| CAPACITIES | | | |
| Fuel Tank | 1324 L (350 gal) | | |
| DEF Tank | 93.9 L (24.8 gal) | | |
| Cooling System | 56.5 L (14.9 gal) | | |
| Crankcase oil volume | 64.0 L (16.9 gal) | | |
| Hydraulic/transmission/axle oil without 3-point rear hitch and without PTO | 330.8 L (87.4 U.S. gal) | | |
| Hydraulic/transmission/axle oil with 3-point rear hitch and PTO | 338.4 L (89.4 U.S. gal) | | |
| MISCELLANEOUS | | | |
| Estimated shipping weight | 20582 kg (45,375 lb) - Tractor equipped with standard tracks, no PTO, and no 3-point rear hitch | | |
| Cab glass area | 71.47 sq ft (6.64 sq m) | | |
| Cab volume | 115 cu ft (3.27 cu. M) | | |
| MAX BALLAST LEVEL | 54,000 lbs (24,494 kg) – See OM for specific ballast instructions | | |

Specifications and design subject to change without notice. Pre-production models shown. *Power callout refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. Equivalents: EU 2016/1628, Stage V; 97/68/EC for non-Stage V and SAE Standards J1995. **9RT 470 - 9RT 570 rated values are stated when tractor is stationary. ***Maximum vertical load when drawbar is in short position. Values are based on factory observed data.

Specifications 9RT Scraper Special Tractors

| POWER | 9RT 490 Scraper Special | 9RT 540 Scraper Special | 9RT 590 Scraper Special |
|--|-------------------------|--|-------------------------|
| Rated PTO power (hp SAE) at rated PTO speed (1895 erpm)** | NA | NA | NA |
| Rated Engine power PS (hp ISO) at rated engine speed (EU 2016/1628)* | 490 hp (360 kW) | 540 hp (397 kW) | 590 hp (434 kW) |
| Max Engine power PS (hp ISO) at max engine power speed (EU 2016/1628)* | 537 hp (400 kW) | 595 hp (437 kW) | 649 hp (477 kW) |
| Seeding Hydraulic Intelligent Power Management (Option), Additional Engine Horsepower PS (hp ISO) at 2,100 RPM (rated speed) | | NA | |
| Torque Rise (Nominal Engine) at 1600 rpm | | 38% | |
| Power Bulge (Nominal Engine) at 1900 rpm | | 10% | |
| ENGINE | | | |
| Manufacturer | | JD14 (13.6L-827 cu.in) | |
| Rated speed | | 2,100 rpm | |
| Aspiration | | Dual series turbocharger with fixed geometry first stage and wastegated second stage; air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | |
| Filter, engine air | | Dual stage with exhaust aspiration | |
| Displacement | | 827 cu in. (13.55L) | |
| Bore and stroke | | 5.2 in. (132 mm) x 6.5 in. (165 mm) | |
| Compression ratio | | 15.9:1 | |
| Lubrication | | Full-flow filtration with bypass | |
| Filter, oil | | Replaceable spin-on style oil filter | |
| FUEL SYSTEM (type) | | | |
| Filter system | | Electronically controlled, high-pressure common rail with electric fuel transfer pump (self priming) | |
| Filter, primary | | Two Stage with water separator and service indicator light | |
| Filter, secondary | | 10 micron replaceable cartridge w/water indication sensor and drain | |
| | | 2 micron spin-on element | |
| TRANSMISSIONS | | | |
| e18™ 18-speed PowerShift 40 kph (25 mph); 18F, 6R with Efficiency Manager™ | | Standard | |
| ELECTRICAL SYSTEM (Three batteries in parallel) | | | |
| Alternator/Battery | | 250 amps / 12 Volt – 330 amps / 12 Volt Available | |
| Total cold cranking amps | | 2775 (3-925CCA) / 3700 (4-925CCA) | |
| Batteries | | 3 | |
| FINAL DRIVES | | | |
| | | Outboard planetary | |
| TRACK BELTS | | | |
| | | Camso® Scraper Series Tracks | |
| 30-in. (762 mm) wide belt | | Standard | |
| 36-in. (914 mm) wide belt | | NA | |
| SUSPENSION SYSTEM | | | |
| | | AirCushion suspension system | |
| Suspension Travel at front idlers | | 13.4 in. (340 mm) | |
| HYDRAULIC SYSTEM (type) | | | |
| | | Closed-center, pressure/flow compensated | |
| Selective control valves | | 4 Standard, 6 Optional | |
| Maximum pressure | | 2,900 psi (20,000 kPa) | |
| Maximum pump flow with Base Hydraulics | | NA | |
| Maximum pump flow: high-flow | | Standard: 416 L/min 110 gpm | |
| Available flow at a single SCV - 1/2 in. coupler | | NA | |
| Available flow at a single SCV with high-flow - 3/4 in. coupler | | Standard: 45 U.S. gpm /170 lpm | |
| 3-POINT HITCH | | | |
| | | NA | |
| Category 4N with Quik-Coupler | | NA | |
| Category 4N with Quik-Coupler | | NA | |
| Category 4/4N with Quik-Coupler | | NA | |
| Category 4/4N with Quik-Coupler | | NA | |
| DRAWBAR*** | | | |
| Drawbar Support for Short Scraper Drawbars | | Standard | |
| WHEELBASE | | | |
| Description | | 97.5 in (2477 mm) | |
| PTO (Power Take Off), Rear, Independent | | | |
| 1-3/4 in., 20-spline, 1,000-rpm | | NA | |
| AutoTrac™ READY | | | |
| Modular Telematics Gateway (MTG) | | Available JDLink™ Ultimate and Ethernet Harnesses (availability dependent upon destination) | |
| ServiceADVISOR™ REMOTE | | | |
| | | Capable with JDLink™ Select & Ultimate | |
| ISOBUS Implement Connection | | Standard (ISO 11783) | |
| STEERING | | | |
| | | Speed-sensitive, hydrostatic, differential | |
| Heavy Duty Steering Pump - 130cc | | Standard | |
| BRAKES | | | |
| | | Hydraulic power, wet-disk, self adjusting | |
| Hydraulic trailer brakes | | Optional | |
| CAPACITIES | | | |
| Fuel Tank | | 1324 L (350 gal) | |
| DEF Tank | | 93.9 L (24.8 gal) | |
| Cooling System | | 56.5 L (14.9 gal) | |
| Crankcase oil volume | | 64.0 L (16.9 gal) | |
| Hydraulic/transmission/axle oil without 3-point rear hitch and PTO | | 330.8 L (87.4 U.S. gal) | |
| Hydraulic/transmission/axle oil with 3-point rear hitch and PTO | | NA | |
| MISCELLANEOUS | | | |
| Estimated shipping weight | | 20582 kg (45,375 lb) - Tractor equipped with standard tracks, no PTO, and no 3-point rear hitch | |
| Drivers Ear Noise Level per 77/311/EEC | | NA | |
| Cab glass area | | 71.47 sq ft (6.64 sq m) | |
| Cab volume | | 115 cu ft (3.27 cu. M) | |
| MAX BALLAST LEVEL | | | |
| | | 54,000 lbs (24,494 kg) – See OM for specific ballast instructions | |

Specifications and design subject to change without notice. Pre-production models shown. *Power callout refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. Equivalents: EU 2016/1628, Stage V; 97/68/EC for non-Stage V and SAE Standards J1995. **9RT 470 - 9RT 570 rated values are stated when tractor is stationary. ***Maximum vertical load when drawbar is in short position. Values are based on factory observed data.

Specifications 9RX Tractors

| POWER | 9RX 490 | 9RX 540 | 9RX 590 | 9RX 640 |
|--|--|--|-------------------------------|-----------------|
| Rated PTO power (hp SAE) at rated PTO speed (1895 erpm)** | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) | 335 hp (249 kW) |
| Rated Engine power PS (hp ISO) at rated engine speed (EU 2016/1628)* | 490 hp (360 kW) | 540 hp (397 kW) | 590 hp (434 kW) | 640 hp (471 kW) |
| Max Engine power PS (hp ISO) at max engine power speed (EU 2016/1628)* | 539 hp (396 kW) | 594 hp (437 kW) | 649 hp (477 kW) | 691 hp (508 kW) |
| Seeding Hydraulic Intelligent Power Management (Option), Additional Engine Horsepower PS (hp ISO) at 2,100 RPM (rated speed) | NA | | 25 | |
| Torque Rise (Nominal Engine) at 1600 rpm | 38% | | | |
| Power Bulge (Nominal Engine) at 1900 rpm | 10 | | | 8% |
| ENGINE | Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head | | | |
| Manufacturer | JD14 (13.6L-827 cu.in) | | | |
| Rated speed | 2,100 rpm | | | |
| Aspiration | Single wastegated turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | Dual series turbocharger with fixed geometry first stage and wastegated second stage; air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | | |
| Filter, engine air | Dual stage with exhaust aspiration | | | |
| Displacement | 827 cu in. (13.55L) | | | |
| Bore and stroke | 5.2 in. (132 mm) x 6.5 in. (165 mm) | | | |
| Compression ratio | 15.9:1 | | | |
| Lubrication | Full-pressure, full-flow filtration with bypass | | | |
| Filter, oil | Replaceable spin-on style oil filter | | | |
| TRANSMISSIONS | | | | |
| e18™ 18-speed PowerShift 40 kph (25 mph); 18F, 6R with Efficiency Manager™ | Standard | | | |
| ELECTRICAL SYSTEM (Three or four batteries in parallel) | | | | |
| Alternator/Battery | 250 amps / 12 Volt – 330 amps / 12 Volt Available | | | |
| Total cold cranking amps | 2775 (3-925CCA) / 3700 (4-925CCA) | | | |
| Batteries | 3 | | | |
| AXLE FINAL DRIVES | | | | |
| Bull gear and double idler with floating pinion | Standard | | | |
| AXLES | | | | |
| Rear axle supports | Available (With 30 or 36 inch tracks) | | | |
| Front axle supports | Available (With 30 or 36 inch tracks) | | | |
| TRACK BELTS | Camsco® 4500 and 6500 Series Tracks | | | |
| 18-in. (457 mm) wide belt | Available | | | NA |
| 24-in. (609 mm) wide belt | Available | | | NA |
| 30-in. (762 mm) wide belt | | | Standard | |
| 36-in. (914 mm) wide belt | | | Available | |
| TRACK SPACING | | | | |
| Fixed 87 in. (2,218 mm) Spacing | | | Standard | |
| Fixed 80 in. (2,032 mm) Spacing | Available | | | NA |
| Fixed 88 in. (2,235 mm) Spacing | Available | | | NA |
| Fixed 120 in. (3,048 mm) Spacing | | | Standard | |
| STEERING | | | | |
| Hydraulic power-steering | Standard | | | |
| Active Command Steering (ACS) | Available | | | |
| HYDRAULIC SYSTEM (type) | Closed-center, pressure/flow compensated | | | |
| Selective control valves | 4 - 8 factory or field installed | | | |
| Maximum pressure | 2,900 psi (20,000 kPa) | | | |
| Maximum pump flow with Base Hydraulics | Standard: 208 L/min 55 gpm | | | |
| Maximum pump flow: high-flow | Available: 416 L/min 110 gpm | | | |
| Available flow at a single SCV - 1/2 in. coupler | 35 U.S. gpm/132 lpm | | | |
| Available flow at a single SCV with high-flow - 3/4 in. coupler | Field Installed Option - 45 U.S. gpm/170 lpm | | | |
| 3-POINT HITCH | Electric-Hydraulic 3-Point Hitch with Draft Sensing | | | |
| Category 4N with Quik-Coupler | Available: 6804 kg (15000 lb) | | | NA |
| Category 4N with Quik-Coupler | Available: 9072 kg (20000 lb) | | | NA |
| Category 4/4N with Quik-Coupler | | | Available: 6804 kg (15000 lb) | |
| Category 4/4N with Quik-Coupler | | | Available: 9072 kg (20000 lb) | |
| DRAWBAR*** | | | | |
| Cat 5 w/ HD Drawbar Support, 5440 kg (12000 lb) Maximum Vertical Load | | | Standard | |
| Cat 5 w/ HD Drawbar Support 5440 kg (12000 lb) Maximum Vertical Load and Cat 4 Conversion kit | Available | | | NA |
| Drawbar Support for Long Scraper Drawbars | | | NA | |
| Drawbar Support for Short Scraper Drawbars | | | NA | |
| PTO (Power Take Off), Rear, Independent | | | | |
| 1-3/4 in., 20-spline, 1,000-rpm | Available | | | |
| AutoTrac™ READY | Standard | | | |
| Modular Telematics Gateway (MTG) | Available JDLink™ Ultimate and Ethernet Harnesses (availability dependent upon destination) | | | |
| ServiceADVISOR™ REMOTE | Available with JDLink™ hardware and activations | | | |
| ISOBUS Implement Connection | Standard (ISO 11783) | | | |
| BRAKES | Hydraulic power, wet-disk, self adjusting | | | |
| Hydraulic power, wet disk, self adjusting on front and rear axle | Standard | | | |
| Hydraulic trailer brakes | Available | | | |
| CAPACITIES | | | | |
| Fuel Tank | 1514 L (400 gall) | | | |
| DEF Tank | 120 L (31.7 gall) | | | |
| Cooling system | 56.5 L (14.9 gall) | | | |
| Crankcase with filter | 64 L (16.9 gall) | | | |
| Hydraulic/transmission/axle oil without 3-point rear hitch and without PTO | 234.7 L (62 U.S. gall) | | | |
| Hydraulic/transmission/axle oil with 3-point rear hitch and PTO | 242.3 L (64 U.S. gall) | | | |
| MISCELLANEOUS | | | | |
| Estimated shipping weight for tractor equipped with standard tracks, no PTO, and no 3-point rear hitch | Narrow undercarriage: 24,639 kg (54,320lb) Wide undercarriage: 25,546 kg (56,320 lb) | | 25,546 kg (56,320 lb) | |
| Degrees of Articulation | 36° | | | |
| Degrees of Oscillation | 15° | | | |
| Degrees of Undercarriage Oscillation | ±10° | | | |
| WHEELBASE LENGTH | 163.5 in. (4154 mm) | | | |

Specifications and design subject to change without notice. Pre-production models shown. *Power callout refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. Equivalents: EU 2016/1628, Stage V; 97/68/EC for non-Stage V and SAE Standards J1995. **9RX 490 - 9RX 640 rated values are stated when tractor is stationary. ***Maximum vertical load when drawbar is in short position. Values are based on factory observed data.

Specifications 9RX Scraper Special Tractors

| POWER | 9RX 490 Scraper Special | 9RX 540 Scraper Special | 9RX 590 Scraper Special |
|---|--|--|-------------------------|
| Rated PTO power (hp SAE) at rated PTO speed (1895 erpm)** | NA | NA | NA |
| Rated Engine power PS (hp ISO) at rated engine speed (EU 2016/1628)* | 490 hp (360 kW) | 540 hp (397 kW) | 590 hp (434 kW) |
| Max Engine power PS (hp ISO) at max engine power speed (EU 2016/1628)* | 539 hp (396 kW) | 594 hp (437 kW) | 649 hp (477 kW) |
| Seeding Hydraulic Intelligent Power Management (Option), Additional Engine Horsepower PS (hp ISO) at 2,100 RPM (rated speed) | | NA | |
| Torque Rise (Nominal Engine) at 1600 rpm | | 38% | |
| Power Budge (Nominal Engine) at 1900 rpm | | 10 | |
| ENGINE | Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head | | |
| Manufacturer | JD14 (13.6L-827 cu.in) | | |
| Rated speed | 2,100 rpm | | |
| Aspiration | Single wastegated turbocharger with air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | Dual series turbocharger with fixed geometry first stage and wastegated second stage; air-to-air aftercooling and cooled exhaust gas recirculation (EGR) | |
| Filter, engine air | Dual stage with exhaust aspiration | | |
| Displacement | 827 cu.in. (13.55L) | | |
| Bore and stroke | 5.2 in. (132 mm) x 6.5 in. (165 mm) | | |
| Compression ratio | 15.9:1 | | |
| Lubrication | Full-pressure, full-flow filtration with bypass | | |
| Filter, oil | Replaceable spin-on style oil filter | | |
| TRANSMISSIONS | | | |
| e18™ 18-speed PowerShift 40 kph (25 mph); 18F, 6R with Efficiency Manager™ | Standard | | |
| ELECTRICAL SYSTEM (Three or four batteries in parallel) | | | |
| Alternator/Battery | 250 amps / 12 Volt –330 amps / 12 Volt Available | | |
| Total cold cranking amps | 2775 (3-925CCA) / 3700 (4-925CCA) | | |
| Batteries | 3 | | |
| AXLE FINAL DRIVES | | | |
| Bull gear and double idler with floating pinion | Standard | | |
| AXLES | | | |
| Rear axle supports | Standard | | |
| Front axle supports | Standard | | |
| TRACK BELTS | Camsco® 6500 Scraper series tracks | | |
| 18-in. (457 mm) wide belt | NA | | |
| 24-in. (609 mm) wide belt | NA | | |
| 30-in. (762 mm) wide belt | Standard | | |
| 36-in. (914 mm) wide belt | NA | | |
| TRACK SPACING | | | |
| Fixed 87 in. (2,218 mm) Spacing | Standard | | |
| Fixed 80 in. (2,032 mm) Spacing | NA | | |
| Fixed 88 in. (2,235 mm) Spacing | NA | | |
| Fixed 120 in. (3,048 mm) Spacing | NA | | |
| STEERING | | | |
| Hydraulic power-steering | Standard | | |
| Active Command Steering (ACS) | Available | | |
| HYDRAULIC SYSTEM (type) | Closed-center, pressure/flow compensated | | |
| Selective control valves | 4 Standard, 6 Available | | |
| Maximum pressure | 2,900 psi (20,000 kPa) | | |
| Maximum pump flow with Base Hydraulics | Standard: 208 L/min 55 gpm | | |
| Maximum pump flow: high-flow | Available: 416 L/min 110 gpm | | |
| Available flow at a single SCV - 1/2 in. coupler | 35 U.S. gpm/132 lpm | | |
| Available flow at a single SCV with high-flow - 3/4 in. coupler | 45 U.S. gpm/170 lpm | | |
| 3-POINT HITCH | Electric-Hydraulic 3-Point Hitch with Draft Sensing | | |
| Category 4N with Quik-Coupler | NA | | |
| Category 4N with Quik-Coupler | NA | | |
| Category 4/4N with Quik-Coupler | NA | | |
| Category 4/4N with Quik-Coupler | NA | | |
| DRAWBAR*** | | | |
| Cat 5 w/ HD Drawbar Support, 5440 kg (12000 lb) Maximum Vertical Load | NA | | |
| Cat 5 w/ HD Drawbar Support 5440 kg (12000 lb) Maximum Vertical Load and Cat 4 Conversion kit | NA | | |
| Drawbar Support for Long Scraper Drawbars | NA | | |
| Drawbar Support for Short Scraper Drawbars | Standard | | |
| PTO (Power Take Off), Rear, Independent | | | |
| 1-3/4 in., 20-spline, 1,000-rpm | NA | | |
| AutoTrac™ READY | Standard | | |
| Modular Telematics Gateway (MTG) | Available JDLink™ Ultimate and Ethernet Harnesses (availability dependent upon destination) | | |
| ServiceADVISOR™ REMOTE | Available with JDLink™ hardware and activations | | |
| ISOBUS Implement Connection | Standard (ISO 11783) | | |
| BRAKES | Hydraulic power, wet-disk, self adjusting | | |
| Hydraulic power, wet disk, self adjusting on front and rear axle | Standard | | |
| Hydraulic trailer brakes | Available | | |
| CAPACITIES | | | |
| Fuel Tank | 1514 L (400 gal) | | |
| DEF Tank | 120 L (31.7 gal) | | |
| Cooling system | 56.5 L (14.9 gal) | | |
| Crankcase with filter | 64 L (16.9 gal) | | |
| Hydraulic/transmission/axle oil without 3-point rear hitch and without PTO | 234.7 L (62 U.S. gal) | | |
| Hydraulic/transmission/axle oil with 3-point rear hitch and PTO | NA | | |
| MISCELLANEOUS | | | |
| Estimated shipping weight | 25,546 kg (56,320 lb) - Tractor equipped with standard tracks, no PTO, and no 3-point rear hitch | | |
| Degrees of Articulation | 24° | | |
| Degrees of Oscillation | 15° | | |
| Degrees of Undercarriage Oscillation | ±10° | | |
| WHEELBASE LENGTH | 163.5 in. (4154 mm) | | |

Specifications and design subject to change without notice. Pre-production models shown. *Power callout refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive. Equivalents: EU 2016/1628, Stage V; 97/68/EC for non-Stage V and SAE Standards J1995. **9RX 490 - 9RX 640 rated values are stated when tractor is stationary. ***Maximum vertical load when drawbar is in short position. Values are based on factory observed data.



*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.

This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification and design of all products described in this literature without notice. Copyright 2023 Deere & Company.

