

# 9R Series Tractors

302 to 412 kW (410 to 560 hp) 97/68EC



# Unleash the beast

Imagine the power of up to 560 horses all packed into a pioneering high-tech tractor, ready to take on your toughest agricultural tasks with untiring exuberance.

Meet the new John Deere 9R Series tractors with heaps of stunning horsepower.

That's right, choose from four powerful tyre models and three high performance track variants – the 9410R, 9460R/9460RT, 9510R/9510RT or 9560R/9560RT – with brutish engine performance ranging from 410 hp right up to 560 hp.

All this brawn offers plenty of sophistication, as well. From the luxurious comfort of the spacious CommandView II Cab to direct integration of John Deere's advanced Agricultural Management Solutions, this beast is a clever investment for your modern, large scale agricultural operations.

**R you ready for heavy duty farming?**





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# R is Evolution!

Look forward to plenty of robust experience in the new John Deere 9R Series tractors. The 9R Series builds on the proven success and durability of John Deere's 9000 Series, improving and optimising what was already well accepted.

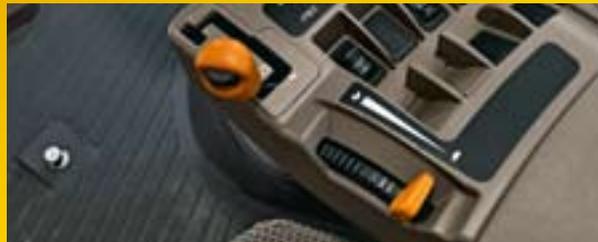
## Proven John Deere features optimised in the 9R Series:

- Stunning 410 – 560 hp performance
- Spacious, quiet, comfortable cab
- Ergonomic CommandArm controls
- Exclusive John Deere ActiveSeat (AirCushion suspension on track tractors)
- Stronger hydraulic takeout
- Optimised PowerShift transmission with new generation of automatic drive with Efficiency Manager
- Increased hitch lift capacity up to 9070 kg
- 3 point hitch with select Group 48 tyres
- Easy serviceability thanks to fast access to all regular maintenance points

## 9R Series models

- 9410R – 302 kW (410 hp)\*
- 9460R/9460RT – 338 kW (460 hp)\*
- 9510R/9510RT – 375 kW (510 hp)\*
- 9560R/9560RT – 412 kW (560 hp)\*

\*rated power 97/68 EC



## Fast, slow, forward, reverse

PowerShift transmission is available on all 9R Series tractors with 18 forward and 6 reverse speeds.



CommandView II Cab with ActiveSeat. Increase operator comfort and decrease fatigue

## R is Revolution, too!



Experience the new 9R Series: Bigger, better, more powerful than ever, the 9R Series introduces four new models to the John Deere family, delivering breath-taking 302 to 412 kW (410 to 560 hp) with the potent PowerTech PSX 13.5 l engine. Of course, the revolution does not stop there.

### Impressive new 9R Series features:

- Sleek modern styling
- 40 km/h transport speed on all models
- Groundbreaking GreenEfficiency with Stage III B compliance – featuring DieselOnly solution
- Prewired for AutoTrac (Ag models only)
- Optimised integration of other Agricultural Management Solutions
- ISOBUS compatible monitor for multiple applications, incl. optional new Touch option with video function
- 360° exterior lighting
- PTO option on all Ag models
- New rear fenders for complete coverage of 800 mm tyres
- New Scraper Special tractor (wheel and track models)

9R stands for one part evolution, one part revolution. And 100% John Deere. Set the power free!



**New PowerTech PSX 13.5 l engine**  
Future ready, DieselOnly solution and Stage III B emissions compliance.



**New single monitor Display**  
ISOBUS compatible 7" GreenStar 3 CommandCenter with pre-installed Agricultural Management Solutions like Guidance and optional touch screen function.

## Supersize comfort

Climb in and take a deep breath. The spacious CommandView II cab has been developed for even better visibility and improved operator control, including a large instructor seat with Field Office backrest. Operator comfort has been supersized as well. Choose from three levels of in-cab luxury:

- CommandView II Cab
- Deluxe CommandView II Cab
- Premium CommandView II Cab (not available on 9RT)

All cab versions feature roof-integrated air-conditioning and the full-control CommandARM console. For top security, the new immobilizer key is available as an option.

Talk to your dealer for complete details on the different cab packages.

The Premium CommandView II cab features an optional leather-wrapped steering wheel, a heated leather operator seat and a leather instructor seat.





## Masterful Command

### Optional GreenStar 3 CommandCenter Touch display

Relax and let your fingertips do the work! The new multi-functional touch screen display with video capability reduces the number of monitors, harnesses and brackets in the cab. It's definitely the most effective way to control applications and monitor performance.

### Plug and play

Up to 10 power outlets provide a convenient energy supply.

### Smooth-riding ActiveSeat

The industry exclusive John Deere ActiveSeat (wheel tractors only) insulates operators from up to 90% of the tractor's vertical movements, thereby increasing comfort, decreasing fatigue and, at the end of the day, boosting productivity.

### Practical storage space

Operator's manual, first aid kit, warning triangle, personal electronic devices and other belongings can be stowed away within easy reach.

### Perfect view

Apart from greater space and in-cab visibility, the increased total glass area and newly designed slender engine bonnet ensure operators can keep a close watch on their work.



### Keep your tractor in good hands

The new, optional, tractor-specific immobilizer key offers optimal security from theft or unauthorised use. Datatag system, containing a covered antenna, helps authorities to identify the tractor in case of theft, serial number plate damage or tampering. These features can also help reduce insurance expenses and provide other policy benefits.



### Multi-purpose radio selection

Find the sound to fit your mood with optional control via the CommandARM console, a USB/auxiliary input for MP3/iPod, and Bluetooth capability (Premium radio package only).

## Instant access

The right-hand **CommandARM** console with integrated GreenStar 3 CommandCenter display puts numerous key functions within easy reach.

Controls such as the SCVs are fast to locate on demand. The 7" GreenStar 3 CommandCenter display is read at a glance. Plus, important AMS Guidance applications can now be operated directly via the display, such as AutoTrac.

The **intelligent Total Equipment Control (iTEC)** system lets you automate multiple operating functions simultaneously. The convenient 1/2 iTEC switch allows instant access to two stored sequences (each with up to 20 functions), which can be customised for up to five implements, bringing the potential number of stored sequences up to 10.

On the Scraper Special, an additional 3/4 iTEC switch is included in base (available as field kit on all Ag models), allowing the storage of up to 20 sequences. Just attach an implement and flip the switch for immediate reproduction of complex manoeuvres and field operations.



### Corner post display

The illuminated Corner Post Display puts critical performance data within easy view.

Use the GreenStar 3 CommandCenter display to operate AMS functions like AutoTrac, optionally available with a TouchScreen and video function.



### Maximise productivity with the new CommandARM console

Enjoy fingertip control of tractor and cab functions with:

- Hot keys for field CruiseControl, transmission and PTO settings
- 2 switches for up to 20 iTEC sequences
- Hot keys to all hitch functions
- Air conditioning controls (CommandView II Cab)
- Radio controls (CommandView II Cab)
- Light controls

## High-tech operation

Welcome to the future of farming! Updates to the CommandCenter display have helped consolidate tractor and implement functions into one, easy to use and password protected monitor.

Further cutting edge functionalities, such as video capability, are available with the optional Touch version or the GreenStar 2630 display.

### CommandCenter control

The GreenStar 3 CommandCenter display is integrated within the CommandARM console and now features Guidance applications like AutoTrac. The controls in the GreenStar 3 CommandCenter are grouped by functional areas.

Whether you have the Touch version with video option, or non-touch screen, all of the following functionalities are available for you to use:

- Completely integrated 7" full-colour wide screen
- ISOBUS implement control
- Performance Monitor
- Access Manager to protect important settings



### All-in-1 GreenStar 2630 Display

For state-of-the-art operation, the GreenStar 2630 has a big 10.4", robust touchscreen, slim design for optimum visibility, USB connectivity and backlit LCD for greater brilliance.

#### Most of all, the display combines a number of powerful features in one device:

- AutoTrac and Guidance Pro Modules such as iTEC Pro, iGuide and iSteer
- Documentation for easy recording of application rate to boost productivity
- Full ISOBUS control with section control capabilities
- Performance Monitor
- Video function
- Access Manager for password protected settings

Other practical features are the standby mode for road transport (or at night) including the ability to disable warning messages/warnings tones, if desired.

## Real-time precision

Automation not only improves operator comfort, it also optimises performance and delivers a consistent quality of work. John Deere offers a wide range of Agricultural Management Solutions to boost quality and efficiency:

**AutoTrac** enables hands-free guidance to reduce overlap by up to 90%

**iTEC** automates a sequence of machinery steps, to speed up headland turns.

**iTEC Pro** combines the functionality of both AutoTrac and iTEC to minimise overlap, cut input costs and help you work faster (GreenStar 2630 Display required).

**Documentation** automatically records all field applications on your GreenStar 2630 Display.

**iGuide** automatically adapts the tractor's path to compensate for drift in uneven terrain and guides the implement to a perfect pass-to-pass result!

**iSteer\*** actively compensates for off-track drift by using Innovative sensors and hydraulics.

**John Deere Active Implement Guidance** and **iSteer\*** actively compensate off-track drift. Active Implement Guidance can be used with every steerable implement to create perfect, straight tramlines or seed beds. **iSteer\*** using Innovative sensors and hydraulics to enable implement steering.

**JDLink Ultimate.** Keep your 9R running like clockwork with our **advanced JDLink Ultimate.** Besides remote monitoring of, for example, machine location, fuel consumption and machine status you can reduce machine downtime and optimise maintenance planning. Your machine automatically generates message alerts in case service or maintenance is required.

Moreover, the JDLink infrastructure with **Service ADVISOR Remote** enables another powerful feature. With your agreement, your dealer is able to remotely access your machines from his dealership location. That's how Service ADVISOR Remote delivers the next level of service experience. Your dealer can monitor all your machine service and maintenance alerts and in case any action is required he can perform fast, remote diagnostics or even send software updates to your machine.

\*Available in selected countries

### Automate productivity with iTEC Pro

iTEC Pro system simultaneously performs multiple tractor functions to enhance productivity, e.g. by combining automatic guidance with headland turn manoeuvring.



The StarFire 3000 receiver features improved signal acquisition, GLONASS capability and works with all accuracy levels (EGNOS, SF1, SF2, RTK, StarFire Mobile RTK).



## Illuminate the night



Farming rarely ends when the sun goes down. Ploughing, cultivating or seeding often requires extended night shifts. Now your operators can see more, concentrate better and work longer with the dazzling new lighting system on John Deere's 9R Series tractors.

You get true 360° visibility with up to 12 lights on the front, rear and sides of the cab, wisely integrated into the roofline. Further maximise the all-seeing glow with adjustable rear fender lights, spot and road lights.

**Choose between bright, brighter and the brightest lighting packages:**

- **Standard Lighting Package:** 18 lights for all-round illumination
- **Deluxe Lighting Package:** 4 to 2 additional forward facing lights and a flashing rotary beacon
- **Premium HID Lighting Package:** 5 additional Xenon lights that deliver up to 5 times the service life of halogen bulbs and 2.5 times the luminance

### Touch the Future

The brilliant GreenStar 2630 TouchScreen display features all AMS applications – such as Guidance Pro Modules (iTEC, iSteer, iGuide), documentation and full ISOBUS control – in only one display.



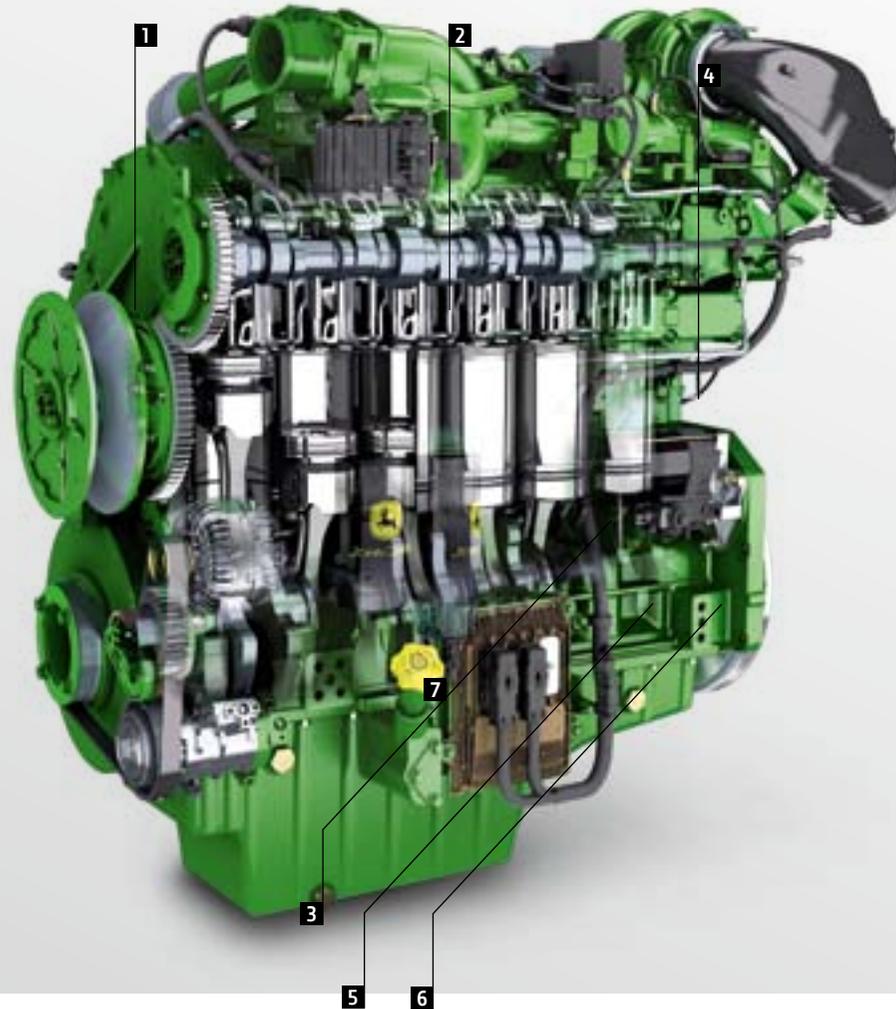
# Impressive power, groundbreaking efficiency

## Unleash the beast:

The incredible performance and torque output of the 9R PowerTech PSX 13.5 I engine unleashes up to 560 hp at rated speed. The secret to this impressive power lies in the dual turbo (1 fixed and 1 variable geometry turbocharger) and Electronic Unit Injectors.

The high capacity VariCool cooling system also improves engine performance. This is a tough workhorse engine that won't let you down!

To meet current and future emissions standards, John Deere has focused on keeping things simple with a future-ready, DieselOnly solution. We've optimised the performance and efficiency of our already highly fuel efficient and field-proven PowerTech Plus engine. The result not only fully complies with Stage III B emissions regulations, it is also a pioneering, environmentally friendly solution without compromising on engine performance. That's John Deere's signature: **GreenEfficiency!**



- 1** EGR cools and mixes measured amounts of cooled exhaust gas with incoming fresh air, thereby reducing NOx
- 2** The series turbocharger delivers more boost pressure which increases the performance
- 3** 4-valve cylinder for greater low-speed torque and better transient response time
- 4** Electronic Unit Injectors provide programmable fuel delivery and electronic controls deliver optimum performance settings to improve field performance
- 5** Low-friction, single-piece steel piston improves fuel economy, reduces emissions and increases durability
- 6** Directed top liner cooling contributes to improved oil control and increased durability
- 7** John Deere electronic engine controls: faster engine control unit (ECU) manages both engine and exhaust filter



- 1** The Diesel Oxidation Catalyst (DOC) reduces carbon monoxide, hydrocarbons and particulate matter
- 2** The downstream Diesel Particulate Filter (DPF) filters the remaining particulate matter

## Fast mover, smooth shifter



40

Transmissions for both the wheel and track models of the 9R Series deliver transport speeds up to 40 km/h – so your machines can get to where you need them fast. You have a choice between PowerShift with Efficiency Manager (all models) and PowrSync (9410R & 9460R) transmissions.

### PowrSync transmission

PowrSync transmission is available on the 9410R and 9460R only. It features 24 PowrSync speeds (12 Hi-Lo speeds) and 6 reverse speeds.



#### **PowrSync transmission**

Even in the entry version with 24F/6R speeds, easy operation keeps you running smooth.

### PowerShift with Efficiency Manager

The John Deere PowerShift transmission delivers field-proven performance you can count on – with 18 forward and 6 reverse speeds.

The new Efficiency Manager maximises vehicle efficiency and smooth shifting through automatic interaction of engine speed with transmission controls:

- Select manual or automated control mode
- Set one or two desired ground speeds
- Economy Mode utilises software to control shifting and optimise fuel consumption
- Automation is based on engine load as well as transmission and system efficiency
- Adjustable engine droop
- Speed matching



#### **PowerShift with Efficiency Manager**

The responsive Efficiency Manager easily handles sudden peak loads, increasing productivity and efficiency.

## Brute strength

There's plenty of power to go around in the 9R Series with closed-centre, pressure and flow compensated hydraulic system. The standard hydraulic pump delivers an incredible 192 l/min, while the optional high-flow pump (available on all models, both wheel and track) outputs a stunning 227 l/min.

With 200 bar max. pressure, your operators will benefit from amazing implement performance. Even at low engine speeds. The common oil reservoir enables improved oil level management and up to 6 SCVs (132 l/min max. per SCV) ensure your operations are always in flow.

You also save precious time and money since our two, high capacity hydraulic filters only need to be replaced every 1,500 hours!

### Flexible and versatile

The 9R Series is ideally suited to heavy duty applications, including jobs like deep ripping.



### Control the flow

The GreenStar 3 CommandCenter display lets you monitor flow rates and times, keeping you in control of the hydraulic systems.

## Well connected

Choose from multiple drawbar options, a 3-point rear hitch and rear PTO to get the strength and versatility you need – whether to pull wide air seeders or lift heavy ploughs.

### Three-point hitches

The optional John Deere three-point hitches are delivered with quick couplers and 6800 kg or 9070 kg lift capacity.

### Drawbars

Pull your implements with the right drawbar to match. Different options are available in Cat 4 and Cat 5 to cover all drawbar needs – from heavy duty to wide swing and non-swinging drawbar and pin.



9R Series tractors are also ISOBUS ready. Since you'll only need one display to control all your ISOBUS compatible implements, it saves you money and makes implement control easier.



### PTO

An independent 1000 rpm PTO is now optional on all 9R Series tractors. Rely on the 45 mm, 20-spline shaft to handle heavy loads requiring lots of power.

## Rugged build, impressive speed

John Deere 9RT tractors feature a rugged, single-piece frame, a track-alignment system and drive wheel pattern for greater traction. These improvements deliver optimal ease of operation, durability and productivity.

On top of this, the new 9RT tractors also offer greater flotation for operator comfort and faster operating speeds – thanks to the John Deere AirCushion suspension system!

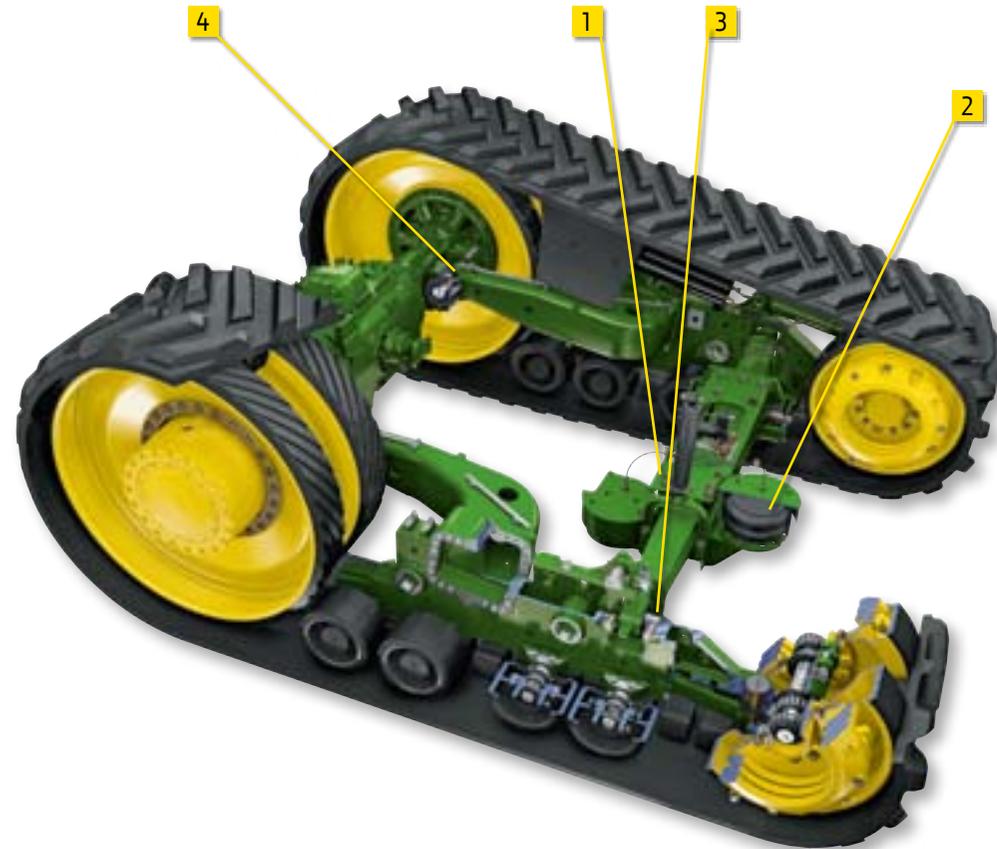


Pump up your comfort level and speed with the John Deere AirCushion suspension system for 9R track tractors.

# Supreme comfort

The unique John Deere AirCushion suspension system brings amazing comfort and increased speed to the 9R Series tracked tractors. How? By cleverly isolating the track undercarriage from the tractor frame.

- 1** Massive centre pin allows the swing arm and walking beam to pivot
- 2** Air bags and a heavy duty shock absorber minimise bump impact
- 3** Heavy duty bushing provides a pivot point for movement to provide extra cushioning
- 4** The large reaction arm connects the axle of the tractor and pivots up and down



Air bags in front and behind the front walking beam help minimise impact.



A heavy duty shock absorber provides additional cushioning.

## Earthmoving made easy

Almost any 9R or 9RT tractor\* can be delivered as a John Deere “Scraper Special”, a solution that features robust front and rear axle reinforcement on 9R tractors.

Combined with the powerful PowerTech PSX 13.5 l engine and 18-speed PowerShift transmission, any scraping challenge can be handled with ease!

### **Scraper Special**



The CommandARM features up to six SCV controls for convenient operation (e.g. of tandem scrapers); when not in use, lever covers help prevent accidental movement.



\*Scraper solution not available for 9410R

## Exclusive accuracy



AutoLoad is the perfect solution for tractor-drawn scrapers, exclusively from John Deere.

AutoLoad is a major innovation in the earthmoving industry. With the touch of a button, both novice and experienced operators are able to deliver significantly better consistency and productivity when operating John Deere tractors and scrapers.

### What benefits does AutoLoad provide?

- More consistent metres per cycle, per hour, per day
- Ease of operation, reduced operator fatigue
- More consistent cut profiles for a new or inexperienced operator
- More consistent fill profiles utilising AutoLoad set point features

## Amazing ease of operation

AutoLoad was designed to maximise productivity. To keep operation simple, the system requires the operator only to engage the system at the start. Once in the automated mode, AutoLoad will vary the blade height to maintain a draft set point based on user settings.

The system is disengaged through normal operation of the SCV lever at the end of a cut. AutoLoad can, of course, be overridden at any time for manual operation.



AutoLoad is controlled using existing hydraulic SCV controls and TouchSet depth control functionality with additional AutoLoad-specific operating tools.

# Specifications Wheel models

	9410R	9460R	9510R	9560R	9460R Scraper Special	9510R Scraper Special	9560R Scraper Special
<b>ENGINE PERFORMANCE</b>							
Rated Engine power (97/68 EC) at 2100 engine rpm, kW (hp)	302 (410)	338 (460)	375 (510)	412 (560)	338 (460)	375 (510)	412 (560)
Max Engine power (97/68 EC) at 1900 engine rpm, kW (hp)	332 (451)	372 (506)	413 (561)	453 (616)	372 (506)	413 (561)	453 (616)
Rated Engine power (ECE-R24) at 2100 engine rpm, kW (hp)	290 (394)	325 (442)	360 (490)	395 (538)	325 (442)	360 (490)	395 (538)
Max Engine power (ECE-R24) at 1900 engine rpm, kW (hp)	318 (433)	357 (486)	396 (539)	435 (591)	357 (486)	396 (539)	435 (591)
Torque Rise at 1600 rpm, %	38	38	38	38	38	38	38
Power Bulge (Nominal Engine) at 1900 rpm, %	10	10	10	10	10	10	10
Engine Peak Torque (40% @ 1600 rpm), Nm	1892	2123	2354	2585	2123	2354	2585
Constant Power Range, engine rpm	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100
<b>ENGINE</b>							
Rated Speed, rpm	2,100						
Manufacturer	John Deere PowerTech PSX (B20 Diesel Compatible) Stage III B Emission Certified						
Type	Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head						
Filter, engine air	Dual stage with exhaust aspiration						
Aspiration (EU Stage III B)	Dual Series Turbocharger with fixed geometry first stage-variable geometry second stage – air-to-air aftercooling and cooled exhaust gas recirculation						
Displacement, l	13.5						
Bore and stroke, mm	132 x 165						
Compression ratio	16.0:1						
Lubrication	Full-pressure, full-flow filtration with bypass						
Filter, oil	Replaceable cartridge style oil filter						
<b>FUEL SYSTEM</b>							
Type	Electronically controlled, electronic unit injectors (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						
<b>TRANSMISSION</b>							
24-speed Manual Shift 40 km/h; 24F 6R	Standard	Standard	n/a	n/a	n/a	n/a	n/a
18-speed PowerShift 40 km/h; 18F, 6R with Efficiency Manager	Optional	Optional	Standard	Standard	Standard	Standard	Standard
<b>ELECTRICAL SYSTEM (Three batteries in parallel)</b>							
Alternator/Battery, amps/Volt	200 / 12						
Total cold cranking amps	2775 (3-925CCA)						
<b>AXLES</b>							
Axle Final Drives	Inboard planetary			Inboard planetary with double-reduction axle			
110 x 3048 mm diameter long	Standard	n/a	n/a	n/a	n/a	n/a	n/a
120 x 3048 mm diameter long	Optional	Standard	Standard	Standard	Standard	Standard	Standard
Wheele equipment	Group 47/48 tires available as Single/Duals/Triples – See dealer for tire size selection and limitations						
<b>STEERING</b>							
Hydraulic power-steering w/electric pump back-up	4.2 Turns Lock to Lock						
Total cold cranking amps	2775 (3-925CCA)						
<b>DIFFERENTIAL LOCK</b>							
Full-Locking electrohydraulic	Standard						
<b>HYDRAULIC SYSTEM</b>							
Type	Closed-center, pressure & flow compensated						
Selective control valves	4 Standard, 5 and 6 optional			4 Standard and 6 optional			
Maximum pump flow with Manual Shift Transmission Base Hydraulics, l/min	167	167	n/a	n/a	n/a	n/a	n/a
Maximum pump flow with PowerShift Transmission Base Hydraulics, l/min	182	182	182	182	182	182	182
Maximum pump flow: High-Flow with PowerShift Transmission, l/min	295	295	295	295	284	284	284
Available flow at a single SCV – 1/2" coupler, l/min	140	140	140	140	140	140	140
Available flow at a single SCV with High-Flow – 3/4" coupler, l/min	Field Installed Option – 170			170		170	170

	9410R	9460R	9510R	9560R	9460R Scraper Special	9510R Scraper Special	9560R Scraper Special
<b>3-POINT HITCH</b>							
Type	Electric-Hydraulic 3-Point Hitch with Draft Sensing				n/a	n/a	n/a
Category 3/4N with Quik-Coupler – All Axle Diameters Allowed, kg	6940	6940	n/a	n/a	n/a	n/a	n/a
Category 3/4N with Quik-Coupler – 120 mm Axle Required, kg	9072	9072	n/a	n/a	n/a	n/a	n/a
Category 4/4N with Quik-Coupler – All Axle Diameters Allowed, kg	6940	6940	6940	6940	n/a	n/a	n/a
Category 4/4N with Quik-Coupler – 120 mm Axle Required, kg	9072	9072	9072	9072	n/a	n/a	n/a
<b>DRAWBAR</b>							
Cat 4 w/ Std Drawbar Support, 2470 kg Maximum Vertical Load	Standard	Standard	n/a	n/a	n/a	n/a	n/a
Cat 4 w/ HD Drawbar Support, 2470 kg Maximum Vertical Load	Optional	Optional	n/a	n/a	n/a	n/a	n/a
Cat 5 w/ HD Drawbar Support, 5440 kg Maximum Vertical Load	Optional	Optional	Standard	Standard	n/a	n/a	n/a
Drawbar Support for Long Scraper Drawbars	n/a	n/a	n/a	n/a	Standard	Standard	Standard
Drawbar Support for Short Scraper Drawbars	n/a	n/a	n/a	n/a	Optional	Optional	Optional
<b>PTO</b>							
1-3/4 in., 20-spline, 1,000-rpm	Optional	Optional	Optional	Optional	n/a	n/a	n/a
<b>CAB</b>							
Cab glass area, m <sup>2</sup>				6.52			
Cab volume, m <sup>3</sup>				3597			
<b>MISCELLANEOUS</b>							
AutoTrac Ready	Standard	Standard	Standard	Standard	Optional	Optional	Optional
Modular Telematics Gateway (MTG)	Factory Installed Option: JDLink Select or JDLink Ultimate						
ServiceADVISOR Remote	Capable with MTG Hardware						
ISOBUS Implement Connection	Standard (ISO 11783 Class 3)						
CommandCenter, video capable (TouchScreen only)	Single video input (Tyco Connector PN 776536-1) for camera with PAL or NTSC signal. Integrated behind rear cab cover. Camera and extension harness available through parts.						
<b>BRAKES</b>							
Hydraulic power, wet disk, self adjusting on front and rear axle	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Hydraulic trailer brakes	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>CAPACITIES</b>							
Fuel Tank, l	1325	1325	1325	1325	1325	1325	1325
Cooling System, l	55	55	55	55	55	55	55
Crankcase with filter, l	48	48	48	48	48	48	48
Hydraulic/transmission/axle oil without 3-point rear hitch and PTO, l	209	209	180	180	180	180	180
Hydraulic/transmission/axle oil with 3-point rear hitch and PTO, l	216.5	216.5	187.5	187.5	n/a	n/a	n/a
<b>WHEELBASE</b>							
Wheelbase length, mm				3500			
Axle housing clearance, mm				732			
Turning Radius – with 5-degree stops, m				5.18			
Turning Radius – with 10-degree stops, m				5.92			
<b>DIMENSIONS AND WEIGHTS</b>							
ESTIMATED SHIPPING WEIGHT for tractor equipped with standard tires, with no PTO, and no 3-point rear hitch, kg	17,264	17,695	18,842	18,842	17,885	18,144	18,144
Max Ballast Level, kg	24,721	24,721	27,216	27,216	24,494	24,494	24,494

# Specifications Track models

	9460RT	9510RT	9560RT	9460RT Scraper Special	9510RT Scraper Special	9560RT craper Special
<b>ENGINE PERFORMANCE</b>						
Rated Engine power (97/68 EC) at 2100 engine rpm, kW (hp)	338 (460)	375 (510)	412 (560)	338 (460)	375 (510)	412 (560)
Max Engine power (97/68 EC) at 1900 engine rpm, kW (hp)	372 (506)	413 (561)	453 (616)	372 (506)	413 (561)	453 (616)
Rated Engine power (ECE-R24) at 2100 engine rpm, kW (hp)	325 (442)	360 (490)	395 (538)	325 (442)	360 (490)	395 (538)
Max Engine power (ECE-R24) at 1900 engine rpm, kW (hp)	357 (486)	396 (539)	435 (591)	357 (486)	396 (539)	435 (591)
Engine Peak Torque (40% @ 1600 rpm), Nm	2123	2354	2585	2123	2354	2585
Constant Power Range, engine rpm	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100	1500 – 2100
<b>ENGINE</b>						
Rated Speed, rpm	2,100					
Manufacturer	John Deere PowerTech PSX (B20 Diesel Compatible)					
Type	Diesel, in-line, 6-cylinder, wet-sleeve with 4 valve-in-head					
Aspiration (EU Stage III B)	Dual Series Turbocharger w/fixed geometry first stage-variable geometry second stage – air-to-air aftercooling and cooled exhaust gas recirculation					
Filter, engine air	Dual stage with exhaust aspiration					
Displacement, l	13.5					
Bore and stroke, mm	132 x 165					
Compression ratio	16.0:1					
Lubrication	Full-flow filtration with bypass					
Filter, oil	Replaceable cartridge style oil filter					
<b>FUEL SYSTEM</b>						
Type	Electronically controlled, electronic unit injectors (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					
<b>TRANSMISSION</b>						
18-speed PowerShift 40 km/h; 18F, 6R with Efficiency Manager	40 km/h					
<b>ELECTRICAL SYSTEM (two batteries in parallel)</b>						
Alternator/Battery, amps/Volt	200 / 12					
Total cold cranking amps	2775 (3-925CCA)					
<b>FINAL DRIVES</b>						
Type	Outboard planetary					
TRACK BELTS	Camoplast DURABUILT 3500 and 5500 Series Track Belts					
762 mm wide belt	Standard	Standard	Standard	Standard	Standard	Standard
914 mm wide belt	Optional	Optional	Optional	n/a	n/a	n/a
<b>SUSPENSION SYSTEM</b>						
Type	AirCushion suspension system					
Suspension Travel at front idlers, mm	340 mm					
<b>STEERING</b>						
Type	Speed-sensitive, hydrostatic, differential					
Steering Pump – 100 cc	Standard	Standard	Standard	n/a	n/a	n/a
Heavy Duty Steering Pump – 130 cc	Optional	Optional	Optional	Standard	Standard	Standard
<b>HYDRAULIC SYSTEM</b>						
Type	Closed-center, pressure/flow compensated					
Selective control valves	4 Standard, 5 and 6 optional					
Maximum pump flow with PowerShift Transmission Base Hydraulics, l/min	182	182	182	182	182	182
Maximum pump flow: high-flow with PowerShift Transmission, l/min	295	295	295	284	284	284
Available flow at a single SCV – 1/2" coupler, l/min	140	140	140	140	140	140
Available flow at a single SCV with high-flow – 3/4" coupler, l/min		Field Installed Option – 170		170	170	170

	9460RT	9510RT	9560RT	9460RT Scraper Special	9510RT Scraper Special	9560RT craper Special
<b>3-POINT HITCH</b>						
Type	Electric-Hydraulic 3-Point Hitch with Draft Sensing			n/a	n/a	n/a
Category 3/4N with Quik-Coupler, kg	Optional: 6940	n/a	n/a	n/a	n/a	n/a
Category 3/4N with Quik-Coupler, kg	Optional: 9072	n/a	n/a	n/a	n/a	n/a
Category 4/4N with Quik-Coupler, kg	Optional: 6940	Optional: 6940	Optional: 6940	n/a	n/a	n/a
Category 4/4N with Quik-Coupler, kg	Optional: 9072	Optional: 9072	Optional: 9072	n/a	n/a	n/a
<b>DRAWBAR</b>						
Cat 4 w/ HD Drawbar Support, 2470 kg Maximum Vertical Load	Optional	n/a	n/a	n/a	n/a	n/a
Cat 4 w/ Wide-Swing Drawbar Support, 2470 kg Maximum Vertical Load	Standard	n/a	n/a	n/a	n/a	n/a
Cat 5 w/ HD Drawbar Support, 5440 kg Maximum Vertical Load	Optional	Optional	Optional	n/a	n/a	n/a
Cat 5 w/ Wide-Swing Drawbar Support, 4581 kg Maximum Vertical Load	Optional	Standard	Standard	n/a	n/a	n/a
Drawbar Support for Short Scraper Drawbars	n/a	n/a	n/a	Standard	Standard	Standard
<b>PTO</b>						
1-3/4 in., 20-spline, 1,000-rpm	Optional	Optional	Optional	n/a	n/a	n/a
<b>CAB</b>						
Cab glass area, m <sup>2</sup>				6.52		
Cab volume, m <sup>3</sup>				3.597		
<b>MISCELLANEOUS</b>						
AutoTrac Ready				Standard		
Modular Telematics Gateway (MTG)				Factory Installed Option: JDLink Select or JDLink Ultimate		
ServiceADVISOR Remote				Capable with MTG Hardware		
ISOBUS Implement Connecton				Standard (ISO 11783 Class 3)		
CommandCenter, video capable (TouchScreen only)	Option – Single video input (Tyco Connector PN 776536-1) for camera with PAL or NTSC signal. Integrated behind rear cab cover. Camera and extension harness available through parts.					
<b>BRAKES</b>						
Type	Hydraulic power, wet-disk, self adjusting					
<b>CAPACITIES</b>						
Fuel Tank, l	1287	1287	1287	1287	1287	1287
Cooling System, l	55	55	55	55	55	55
Crankcase oil volume, l	48.0	48.0	48.0	48.0	48.0	48.0
Hydraulic/transmission/axle oil without 3-point rear hitch and PTO, l	352	352	352	352	352	352
Hydraulic/transmission/axle oil with 3-point rear hitch and PTO, l	359.5	359.5	359.5	n/a	n/a	n/a
<b>DIMENSIONS AND WEIGHTS</b>						
ESTIMATED SHIPPING WEIGHT for tractor equipped with standard tires, with no PTO, and no 3-point rear hitch, kg	20,371	20,371	20,371	20,412	20,412	20,412
Max Ballast Level, kg	24,494 – see Operator Manual for specific ballast instructions					

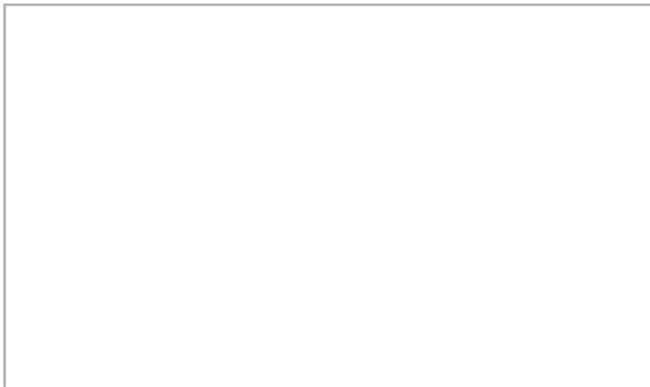
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