

S7



JOHN DEERE

NOTHING RUNS LIKE A DEERE

THE NEW DIGITAL COMBINES

HARVESTING FUTURE INSIGHTS



The new S7 will change your harvesting game. Taking advantage of the S7's advanced tech stack elevates all operators to expert level, thanks to Harvest Settings Automation and Predictive Ground Speed Automation.



THE FACTS THAT COUNT

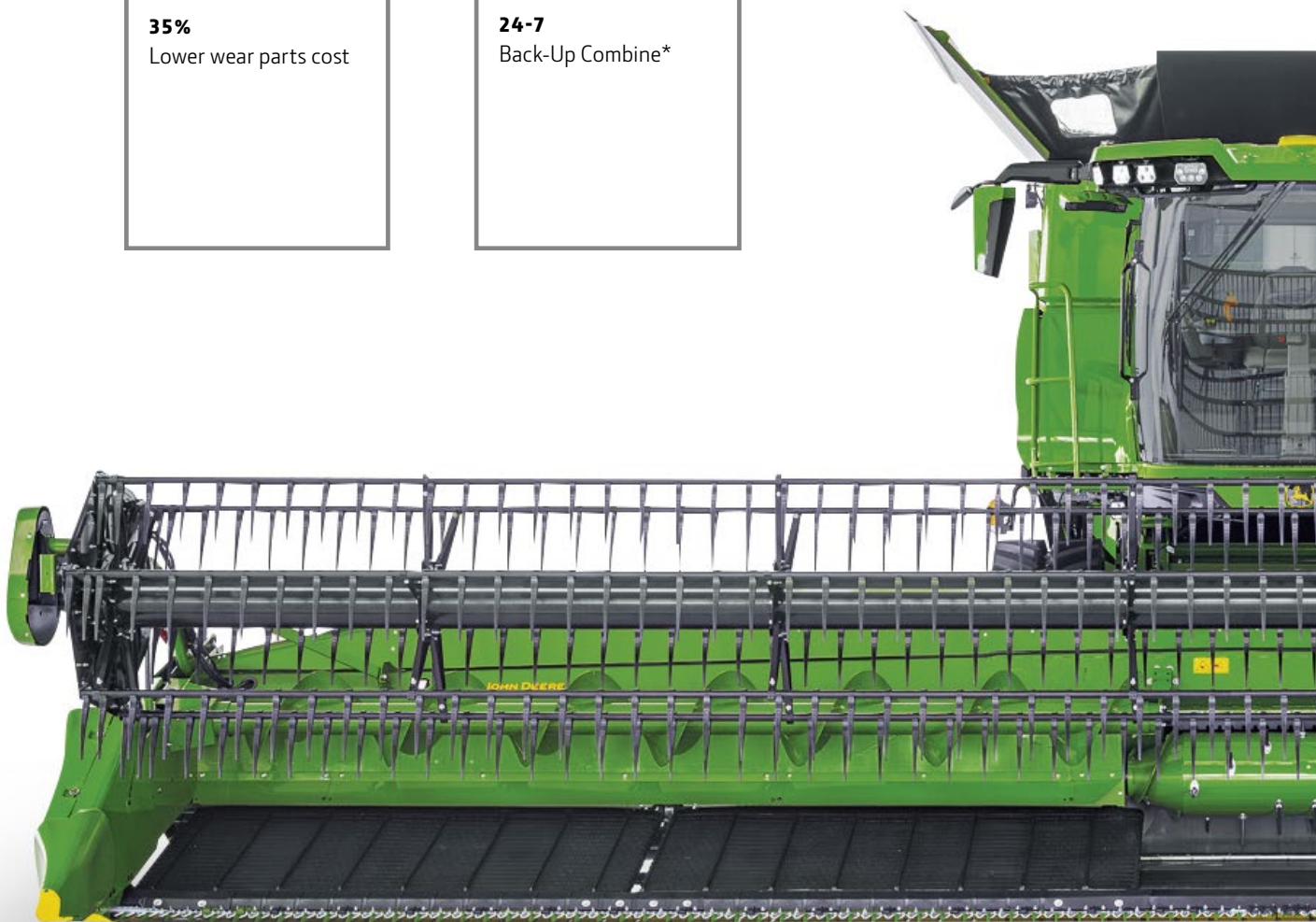
UPTIME

35%

Lower wear parts cost

24-7

Back-Up Combine*



PERFORMANCE

3-IN-1 ROTOR

Massive Throughput

5.90 m²

Cleaning shoe

<1%

Broken Kernels

* A back-up machine is available for any John Deere combine harvester up to 7 years old at participating dealers only. To qualify it must be maintained in accordance with the operator's manual and undergo a pre-season Expert Check with any recommended repairs carried out.

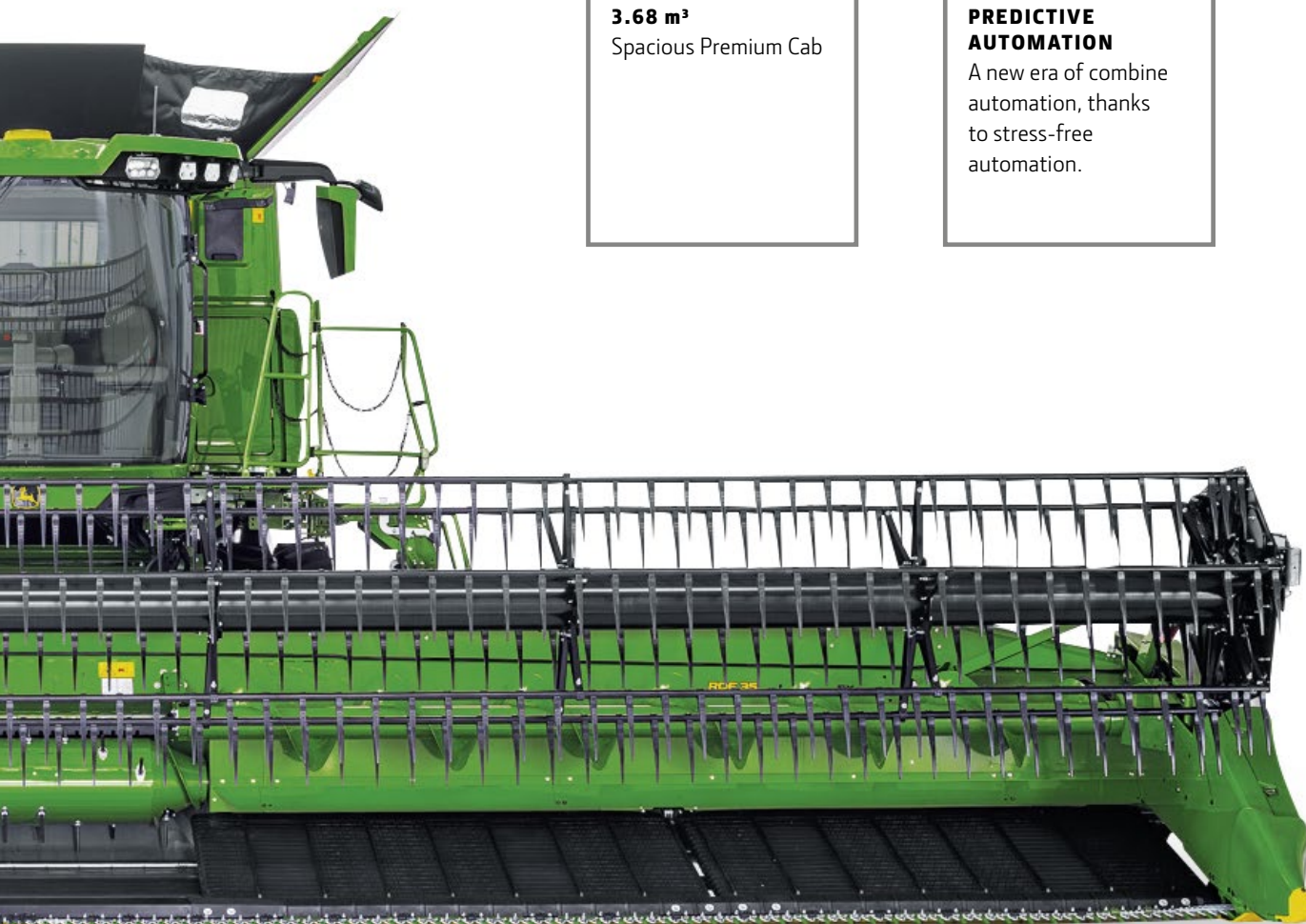
COMFORT

3.68 m³

Spacious Premium Cab

**PREDICTIVE
AUTOMATION**

A new era of combine automation, thanks to stress-free automation.



PRECISION AG

G5^{PLUS}

COMMANDCENTER™

Control your harvest experience

JDLINK™

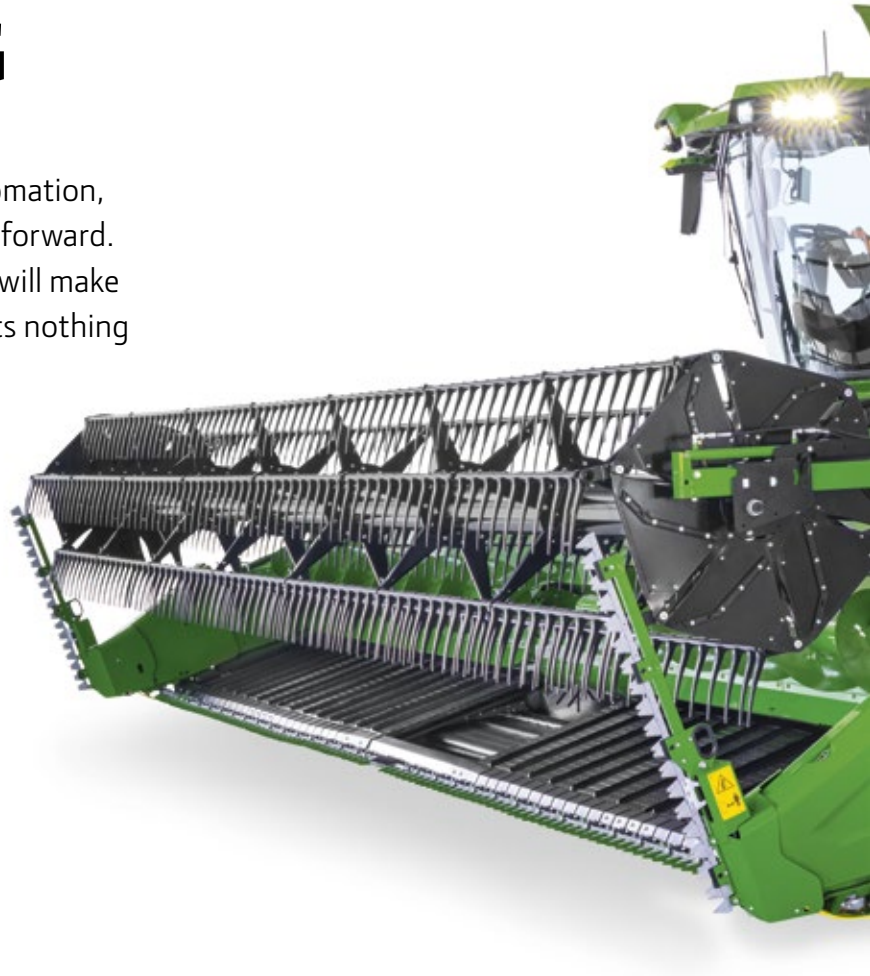
Free two-way connectivity

**JOHN DEERE
OPERATIONS
CENTER™**

Digital Farm Management

TOP-TIER HARVESTING

Featuring the latest in predictive automation, the new S7 is a transformational step forward. Discover the numerous features that will make your harvesting experience and results nothing short of spectacular.



NEW CAB

There is nothing like a John Deere combine cab. After the reassuring sound of the electric door closing, you'll enjoy a quiet and spacious workspace where you'll be at your best.

HIGH-PERFORMANCE HEADERS

From small grain to specialist crops and windrows, there's a header for anything you need to harvest.

NEW NAME AND NUMBERING

We adapted the design and styling of the new S7 to match the T5/T6 and X9. Think of it as an X9 that's made for your farm.

SPILL-FREE UNLOADING

Now you can enhance unloading accuracy into a trailer or grain cart by precisely directing the grain flow with the adjustable spout.

PRECISION AG

Attain new levels of profitability with AutoTrac™ included, AutoPath™, MachineSync and In-Field Data Sharing as part of our G5™ Advanced license and optional RowSense™.



NEW JD9X AND JD14X ENGINES WITH HARVEST MOTION AND HARVEST IPM

Designed and built by us to meet John Deere performance requirements, our new engines are Stage V compliant and deliver more power, productivity, and efficiency.

NEW G5^{PLUS} COMMANDCENTER™

Our largest screen ever. A faster processor. All in glorious HD. Optionally, double your screen space with a G5™ Extended Monitor.

LOW-ENERGY RESIDUE MANAGEMENT

Achieve significantly more efficient residue management with up to 15 kW power savings compared to previous models.

TERRAIN COMPENSATION

Effectively harvest any terrain with our terrain compensation solutions. With options available for increased shoe performance and full machine levelling with HillMaster™.

OPERATIONAL EFFICIENCY

Even less experienced drivers can take advantage of the entire installed capacity over a full day, thanks to Harvest Settings Automation and Predictive Ground Speed Automation.



S7

**SPACIOUS
PREMIUM CAB**



PREDICTIVE AUTOMATION

CONTENTS



PRECISION AG TECHNOLOGY

Farm Smart, Profit More	10
Predictive Ground Speed Automation	12
Harvest Settings Automation	14
AutoTrac™	16
AutoTrac™ RowSense™	17
AutoPath™	18
Grain Sensing	19



CAB

Comfort & Control	20
Features	22
ActiveSeat™ II	24
CommandPRO™ hydrohandle	26
G5 ^{Plus} CommandCenter™	28
Lighting	30



CROP FLOW

Headers	32
Feeding system	34
Rotor	36
Dyna-Flo™ Plus Cleaning Shoe	38
Terrain compensation	40
Residue management	42
Auger design	46
Machine Sync	48
Harvest Logistics	50



DRIVETRAIN

Tracks	52
Engines and transmission	54



PARTS & SERVICES

Parts availability and logistics	56
John Deere Connected Support™	58
Harvest Promise	60
PowerGard™	62



SPECIFICATIONS

Summary	64
DeereNA	66
Unloading auger compatibility	68
Specification tables	70

NEW NAME AND NUMBERING



FARM SMART, PROFIT MORE

PRECISION AG TECHNOLOGY

John Deere Precision Ag Technology is easy to use and helps you plan, execute, monitor and analyse every stage of your farming operation.

Guidance solutions, automation systems and site-specific farming create many opportunities to improve your farming efficiency while boosting sustainability and profitability. With the StarFire™ Integrated Receiver, the G5^{Plus} CommandCenter™ and JDLink™ connectivity, the S7 has everything you need for a quick start with precision agriculture already on board. Use the free John Deere Operations Center™ to manage all harvest-relevant information in one place, at a glance.

NEW G5^{PLUS} COMMANDCENTER™

The G5^{Plus} CommandCenter™ brings you full HD resolution, additional memory, increased processing power, and is among the most advanced displays available. At a massive 12.8", the screen offers about 33% more visual space than Generation 4 Displays and comes standard with AutoTrac™. Featuring full AEF ISOBUS compatibility, the G5^{Plus} CommandCenter™ retains the reliable and familiar user interface from Generation 4 Displays and combines it with the latest tech to deliver an immediate performance boost without the need to re-learn anything.



**5 YEARS OF REPEATABILITY
73% FASTER PULL IN TIME
17% MORE ACCURACY WITH SF-RTK**



NEW STARFIRE™ INTEGRATED RECEIVER

We've just made it easier and more attractive for you to work at higher accuracy levels. In conjunction with the Operations Center you get an entire suite of guidance & agronomy offboard farm management tools. And thanks to the receiver's ability to communicate with GPS, GLONASS, and the new GALILEO and BEIDOU satellite constellations, you'll enjoy superior signal stability in shaded areas at any signal accuracy level.

While our popular SF1 differential correction signal is suitable for many applications, we didn't stop there. With our optional new SF-RTK signal, you benefit from 2.5 cm pass-to-pass accuracy, over five years of precise repeatability, and rapid initialization to acquire full accuracy.



SMARTER SPEED, PEAK EFFICIENCY

GROUND SPEED AUTOMATION AND PREDICTIVE GROUND SPEED AUTOMATION

The S7 features our cutting-edge Predictive Ground Speed Automation as part of its ultimate technology package. This industry-first system elevates the Ground Speed Automation included in the select technology package to unprecedented heights.

Ground Speed Automation uses advanced algorithms to dynamically adjust the S7's speed by evaluating inputs like terrain and grain loss, ensuring the combine operates at full capacity. Predictive Ground Speed Automation enhances this with additional hardware, including satellite imagery for biomass mapping and front-mounted cameras to scan crops ahead, allowing for precise speed adjustments based on crop conditions. With Predictive Ground Speed Automation, complemented by Harvest Settings Automation, manual adjustments for varying field conditions are minimized, optimizing combine performance and maximizing harvest efficiency.





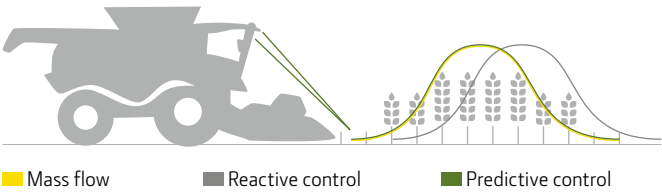
2 Stereo Cameras are on the front of the cab to measure crop height ahead of the header.



Satellite Views capture aerial images converting them to biomass maps that correlate to yield predictions

REACTIVE VS. PREDICTIVE GROUND SPEED AUTOMATION

A reactive control system adjusts for crop conditions based on rotor pressure and engine load. A predictive control algorithm anticipates mass flow changes around 4 seconds ahead of the cutter bar, enabling preemptive adjustments to improve performance, smoothness, and operator comfort.



START HARVESTING FASTER

HARVEST SETTINGS AUTOMATION

Meet our new, easy-to-use operator assistance system for managing your harvesting priorities. Harvest Settings Automation makes every grain count, delivering on your harvest targets hour after hour.

USER-DEFINED LIMITS

HISTORICAL PERFORMANCE

CURRENT READINGS



GRAIN LOSS DISTRIBUTION

SETTINGS CHANGES MADE BY AUTOMATION

STATUS INDICATORS OF AUTOMATION FEATURES

ACTIVEVISION™ CAMERA FEED

Simply set your limits, such as losses, grain quality, and cleanliness, and the S7 will take care of all the necessary adjustments. The system features new loss-sensing technology and continuously analyses the performance versus the set limits. Adjustments are automatically made to optimise the combine and ensure these limits are not exceeded throughout your harvest.

The combine will provide recommendations for acceptable limits and initial settings. Using a colour-coded slider, you simply choose limits for grain loss, foreign material, and broken grain, and the combine will auto-adjust to stay under these limits. Targets, such as the grain loss limit, are based on a nominal scale from 1 to 10, not actual percentages.





BOOST YOUR PRODUCTIVITY

AUTOTRAC™

YOUR BENEFITS

- Leverage full header width on every pass
- Boost productivity in low visibility
- Set up once with RTK, use year after year

AutoTrac™ hands-free steering boosts your productivity with full header width utilization, reduces fuel consumption, and allows operators to focus on essential harvest tasks. Jobs can be set up in advance in the John Deere Operations Center™ using Work Planner for a quick automatic start upon entering the field. The Data Sync feature shares guidance lines and all setup data across all your machines for faster, error-free progress.



HIGH EFFICIENCY HARVESTING

AUTOTRAC™ ROWSENSE™

Down corn, curves, or simply harvesting a field with uneven row spacing because it has been planted without AutoTrac™, John Deere AutoTrac™ RowSense™ helps you stay in the right row. It brings together data from row sensors on the header and satellite data. This means that even in spots without crop, where the sensor cannot detect a crop row, it will still keep the combine on track.



YOUR BENEFITS

- Automatic guidance for corn rows for combines
- Improves harvest efficiency even in challenging conditions
- Improves yield quality
- Reduces operator stress





KNOWS WHERE YOUR ROWS ARE

AUTOPATH™

AutoPath™ uses an implement-mounted receiver to record the precise rows during the first application of the season. This brings huge savings in both time and inputs on future passes, promoting better plant growth and avoiding crop damage.

YOUR BENEFITS

- Tyres and tracks always follow planted rows
- Accurately plant on top of strip till to maximise yield
- Guidance lines automatically calculated to header width
- Stay on track when harvesting in down crop when you can't see rows
- AutoPath™ lines are stored in John Deere Operations Center™ and can easily be shared with other machines on your farm

AUTOPATH™-ROWS AND AUTOPATH™-BOUNDARY

AutoPath™ records the location of crop rows in the John Deere Operations Center™ during strip-till or planting, creating accurate guidance lines for use in later operations with any implement width. This ensures precise application, conserving nutrients and enhancing operation precision. AutoPath™ also aids in harvesting down crops since it knows the exact row locations. AutoPath™-boundary calculates guidance lines for an entire field, including headlands, using field boundary data and implement width. It supports precise seeding practices, such as inter-row planting or minimal tillage, and cover crop planting for main crop establishment. Operators can adjust and save track templates for future use, available in the John Deere Operations Center™ for ongoing guidance planning.



REAL-TIME DATA ON CROP QUALITY

GRAIN SENSING

HarvestLab™ measures the protein content and more in real-time as you harvest. Allows you to separate higher value, higher protein wheat to get the most out of your harvest.

GRAIN SENSING WITH HARVESTLAB™ 3000

Grain Sensing provides real-time data on crop quality while you're harvesting. Measuring moisture, protein, starch and oil in different crops it can help you assess the suitability of different seed varieties. You can also tell if your wheat is bread or feed quality, allowing the separation of different loads as you harvest. At the end of the season, analysis of constituent maps provides valuable information on how successfully nutrients such as nitrogen have been used for planning next season's fertiliser applications.

+ YOUR BENEFITS

- Real-time measurement of moisture, protein, starch and oil
- Access grain composition data (e.g. protein, starch) for separating grain
- Assess performance of different seed varieties
- Plan nitrogen fertiliser strategy

HARVESTLAB™ CROP CAPABILITY				
	Moisture	Protein	Starch	Oil
Wheat	■	■	■	
Barley	■	■	■	
Rapeseed	■	■		■
Corn	■	■	■	■
Soybeans	■	■		■



PREMIUM CABIN EXPERIENCE

COMFORT & CONTROL

Welcome to expansive views and peerless amenities. The S7 cabin brings the unparalleled experience of the X9 to the new S7 single rotor combine. Its electric door's reassuring sound marks the beginning of a quiet journey in a spacious cab designed to achieve the relaxed focus that makes your long days shorter, more productive, and more pleasant.



With their slender pillars, the expansive windows offer extensive views from the feederhouse to the unloading auger's tip. Inside, the cabin's hushed atmosphere is perfect for hands-free calls, music, and productive work.

Advanced air conditioning and the optional Ultimate Seat with massage function transform the S7 into a relaxed haven even when the harvest gets intense. In an S7, every moment feels just right.



10
USB/12V outlets

3.68 m³
Space

25.5 L
Refrigerator





FIRST-CLASS WORKSPACE

FEATURES

In our worldwide customer clinics, you told us which improvements are important to you in three main areas: comfort, visibility, and ease of use. We heard you loud and clear!



DUST-SEALING DOORS

As you close the door, an electric motor automatically pulls it shut. That ensures a perfect seal and prevents dust and debris from entering the cab. The cab's interior is pressurised, so dust and debris are automatically blown away from the door when you open it.



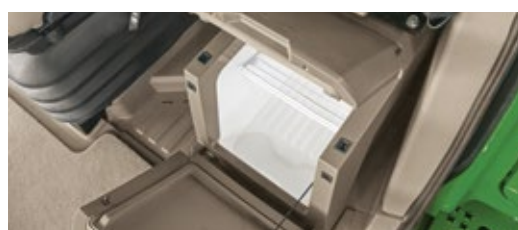
CONVENIENT POWER

No need to bring additional adapters – the S7 cab has plenty of conveniently positioned 12 V and USB charging points if you want to connect additional screens or charge your mobile devices.



USEFUL STORAGE

You'll find plenty of places to store your personal items and keep the cab clean and tidy. From inside the armrest to behind the seat and more, there's a place to store everything from smartphones and keys to bulkier items. There are also cup holders for hot drinks and water bottles.



LARGE FRIDGE

Unlike a simple cool box that needs pre-chilled items, the onboard fridge works just like the one you have at home and cools down warm items.



QUALITY INFOTAINMENT

Connect your mobile devices to the infotainment system via Bluetooth, listen to the radio, stream your favourite music or podcasts, and safely make hands-free calls without taking your eyes off your work. Enjoy clear communication and outstanding sound in the whisper-quiet S7 cab.



SMARTPHONE INTEGRATION

The Infotainment system also supports Apple CarPlay and Android Auto. Make calls, send and receive messages, listen to music and talk to your voice-activated assistant.



5 STAR LUXURY

ACTIVESEAT™ II

Choosing the ActiveSeat™ II with leather seat cover and leather steering wheel option is a choice you will never regret. Once experienced, you'll never want to sit on another combine seat again. Go on, you deserve it.





FULLY ADJUSTABLE

The seat swivels from side to side for easy access and better visibility when unloading and manoeuvring (Premium and Ultimate Package). It also has fully adjustable electric controls.

ALL-ROUND COOLING OR HEATING

Air circulates through tiny perforations in the leather to keep you cool or warm throughout the day. You'll feel relaxed and comfortable no matter the temps outside.

MASSAGES EVERY DAY

The S7 gives you back massages. You can now look forward to less fatigue even after long hours, less muscle stress, and an overall more relaxed and alert harvesting day.

COMFORTABLE ACTIVE SUSPENSION

Highly responsive to uneven ground, the electronic ActiveSeat™ II suspension technology is already well-known amongst our tractor customers. It isolates up to 90% of vertical movements for a smooth, relaxing ride. Now this technology is available in a John Deere combine for the first time.

PERFECT BODY SUPPORT

The side bolsters can be inflated to perfectly fit the contours of your body and provide extra stability from side to side motion. Taller operators can extend the seat base electrically to provide better leg support.



CUSTOMISABLE CONTROL

COMMANDPRO™ HYDROHANDLE

The CommandPRO™ hydrohandle was inspired by handheld game controllers – and our customers. You wanted more programmable features. You wanted easy-to-use fingertip control. And you asked for exceptional comfort.



Enjoy a broad range of functions on your combine controller and even program the buttons for different drivers. All in an ergonomic design that fits your hand like a glove. You don't operate an S7. It becomes part of you.

EASY TO PROGRAM

If you have different operators, they will love being able to store their own settings and call them up when it's their turn to drive. It takes just a few seconds on the touchscreen display to programme CommandPRO™. Draper belt speed, reel height, unloading auger folding, chopping spread direction, feederhouse tilt, and much more. It's your combine.



- 1 | Quick Stop Switch
- 2 | Header Resume Switches
- 3 | Header Resume Switches
- 4 | Header Resume Switches
- 5 | Unloading Auger In/Out
- 6 | Unloading Auger In/Out
- 7 | Header Raise/Lower, Lateral Tilt*
- 8 | Reel Raise/Lower, Reel Fore/Aft*
- 9 | AutoTrac™ Resume
- 10 | Configurable Button
- 11 | Unloading and/or Grain Tank Cross
Auger Engage/Disengage
- 12 | 6 Configurable Buttons

* Fast/slow options for even greater control and faster working

INTUITIVE DISPLAYS

G5^{PLUS} COMMANDCENTER™

A central S7 design principle was to make operation more intuitive than ever so that any operator can quickly get acquainted with the main combine functions, learn the details on the go, and access easy-to-use automation support.

G5^{PLUS} COMMANDCENTER™

Think 35% larger, 75% faster. All S7 combines come with the G5^{Plus} CommandCenter™, which features our largest screen ever and a faster processor for fast boot-up times – all in glorious highdefinition 1080p.



G5^{PLUS} EXTENDED MONITOR

The optional G5^{PLUS} Extended Monitor doubles the already massive 12.8" screen of the G5^{PLUS} CommandCenter™, so you can monitor more functions simultaneously and have direct access to make adjustments when needed. You could, for example, view vehicle control functions on your primary display and Precision Ag applications on the Extended Monitor.



You'll appreciate the quick and easy navigation through a logical menu structure and a shortcut bar that, for instance, lets you record an AB line at the press of a single button. Easily adapt the screens to your needs by simply dragging and dropping the menus like on a smartphone and then storing your configuration.

QUICK SET-UP

The Settings Manager lets you store set-ups from previous jobs such as concave clearance and rotor speed. You can then call them up in seconds and get harvesting almost immediately.

INTEGRATED CAMERAS

You can view up to 4 separate camera inputs on the display. These can be set-up so they are automatically triggered to appear when they are needed, e.g. a camera feed from the auger when unloading.



24/7 HARVESTING

LIGHTING

Every S7 has plenty of the latest LED lighting technology: for better visibility, easier unloading, and safer road transport.

LEDs are significantly more efficient and brighter than traditional lighting and last a lot longer – at a lifetime of 20,000+ hours, you won't ever have to carry any spares. Plus, you can configure their lighting profiles to your needs.



CUSTOMISE TO YOUR OPERATION

You can program different lighting configurations via the G5^{Plus} CommandCenter™ to suit your specific harvesting operation.

SAFER UNLOADING

Apart from sophistication our end panel lights are a useful safety feature for unloading at night. The tractor driver can clearly see the end of the header and make sure the grain trailer is fully aligned.

SIDE PANEL SERVICE LIGHTS

Integrated lights under the side panels make inspection at night much easier. There's no need for flashlights, leaving both hands free to access components.



VERSATILE PERFORMANCE

HEADERS

Check out our selection of high-performance headers for anything you harvest, from small grain to specialist crops and windrows.



HDX

Experience highly efficient and seamless crop feeding in both regular and irregular terrains, with perfectly even stubble – every pass is a testament to precision and care.

RDF

Elevate your harvesting with the RDF Series, where flawless ground adjustment meets high-speed performance from flexible knife bars that deliver a clean, precise cut every time.



XA

Designed for speed and precision, these headers feature a double-blade system and our HydraFloat™ attachment for faster harvesting and cleaner cuts at much reduced vibration.

RA

Our multi-grain harvesting attachment is a game-changer, setting new standards in harvesting diverse grain types under tough conditions.

CORNHEAD

Trust in the legendary strength and minimal maintenance of our cornheads, proudly crafted in Germany by Geringhoff and renowned for their durability.



HIGH CAPACITY FEEDING

FEEDING SYSTEM

The large feederhouse is capable of delivering significant performance upgrades when coupled to the latest draper headers. The rugged, high-capacity design can comfortably deliver up to 275 hp (202 kW), enough to power 18 row corn headers and 13 m+ small grain headers.

20% FASTER IN DOWN CROP

Seamlessly adjust the feederhouse angle and height on the go and store pre-set positions on the header height resume buttons. It all adds up to a 20% faster harvesting speed in challenging conditions.

EXCELLENT HEADER VISIBILITY

The long feederhouse gives you a clear view of the header feeding. Crop flow is also smoother, reducing grain and straw damage.





POWERFUL REVERSER

135 hp mechanically driven reverser – the most powerful on the market. It clears even the heaviest slugs without leaving the cab.

INSTANT STOP

If you need to stop fast the clutch on the main drive transmission opens and, thanks to their low inertia, all drives stop immediately.

5,200 KG

lift capacity

135 HP

Mechanical
reverser

20%

more performance
with hydraulic fore/
aft tilt



SMOOTH FEEDING

The pivoting feed floor automatically adjusts to the volume of crop, ensuring smooth and efficient feeding. The pivot point is also positioned away from the front of the feederhouse and closer to the feed accelerator. This maximises the range of travel, so the S7 can easily handle large headers in high volume crops.

3 IN 1 ROTOR

ROTOR

The S7 has one of the biggest rotors on the market (724 mm diameter x 3,124 mm length) which gives it unbeatable threshing and separating power. It also features Active Concave Isolation, delivering a 10% performance advantage in high yielding crops or when there is uneven feeding, and enabling the concave to be set much wider for more crop on crop threshing.

270°

FULL LOADING

2.75 m²

**EFFECTIVE THRESHING
AREA**

10%

**CONCAVE
PERFORMANCE
ADVANTAGE***



* with Active Concave Isolation



FULL ROTOR LOADING

The crop emerges from the feeder house into the FAST (Feed Accelerator and Stone Trap). Apart from actively directing foreign objects into the stone trap, it starts to rotate the crop towards the rotor feeding vanes. The space between the FAST and the rotor smooths the transition and makes it less power intensive. Positioned at 270° degree, the feeding vanes also ensure the rotor is fully loaded for high efficiency threshing.



GENTLE CROP-ON-CROP THRESHING

The crop rotates 2.5 times in the concave area alone giving it an effective threshing area of 2.75 m² – between 36-62% larger than any traditional style drum threshing concept. This gives operators a clear advantage as they can start harvesting earlier in the season when more threshing is needed. The eccentric design and tapered rotor also minimise grain damage as the crop is rubbing against itself and not on metal.



HIGH-INERTIA SEPARATION

The massive 749 mm diameter of the rotor produces huge inertia which helps to separate the final few grains. It also means the rotor doesn't have to spin as fast as a smaller rotor, which reduces the amount of energy required. Lower rotation speeds also wear less. All of this adds up to less maintenance and lower running costs.



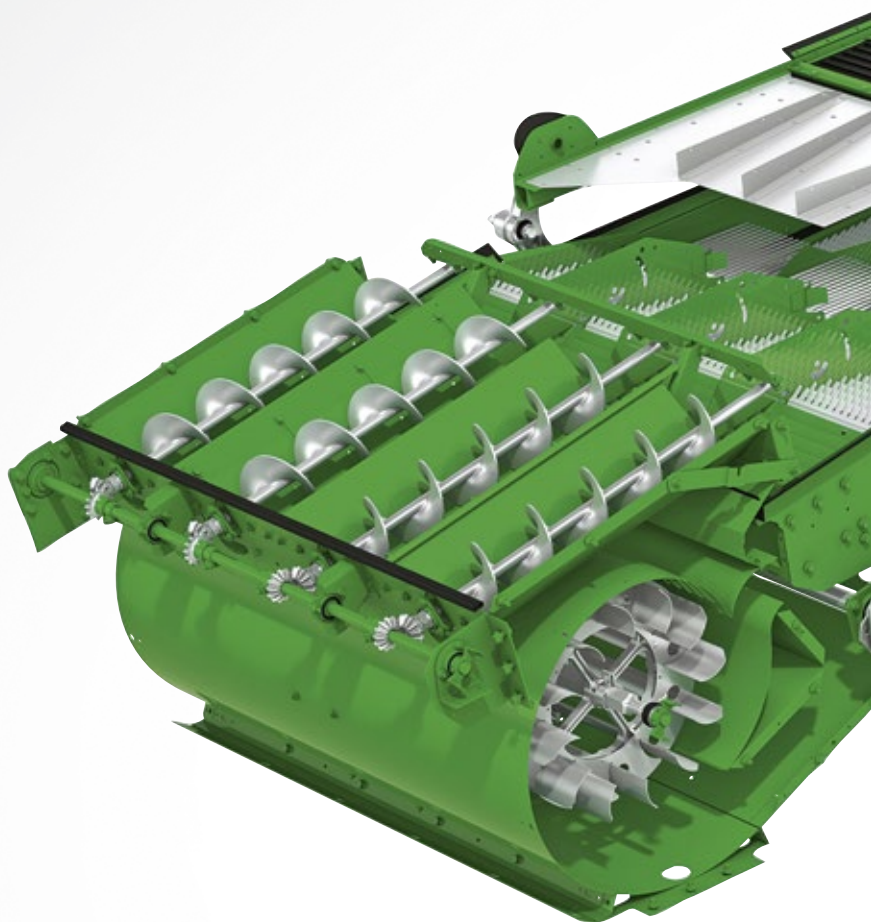
LOW-LOSS CLEANING

DYNA-FLO™ PLUS CLEANING SHOE

The Dyna-Flo™ Plus cleaning shoe has several unique features to ensure the highest cleaning performance at all times. You'll enjoy a superb sample in all crops and conditions.

SLOPE INDEPENDENT AUGERS

The conveying augers prevent lateral movement of the grain and ensure even loading of the cleaning shoe. They are also self-cleaning in wet and sticky crops such as rapeseed, removing the need for maintenance and increasing uptime.



TWO-STAGE PRE-CLEANING

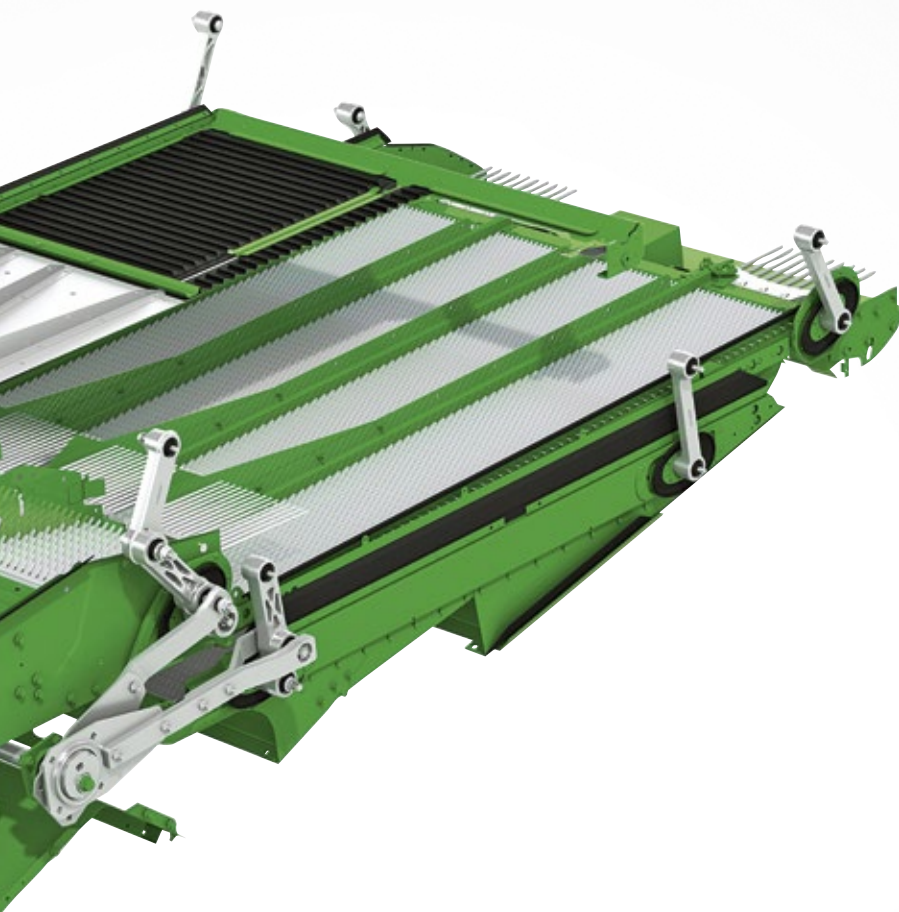
Up to 40% of the free grain is cleaned by the front chaffer. This helps take the pressure of the main chaffer and ensures a clean grain tank sample even under heavy loadings.

EVEN AIR FLOW

High volume air flow is essential for efficient cleaning, but it also needs to be even. The PowerTech™ engine is equipped with an isochronous governor which is unique to John Deere. This delivers a consistent fan speed even if the load on the engine changes due to slopes or different crop conditions.

ACTIVE TAILINGS MANAGEMENT

On the S7 800 – S7 900 models, an active tailings system acts as a secondary threshing system, taking load off the rotor. Featuring its own dedicated threshing drum and concave it returns tailings across the entire width of the combine. This increases performance as the operator can maintain a lower rotor speed and open the concave clearance to improve straw and grain quality without having to deal with secondary crop.



5.90 m²

Large sieve area

740 m³/MIN

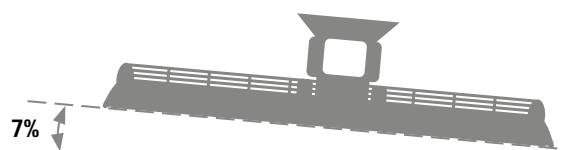
Massive air volume



UNBEATABLE ON SLOPES

TERRAIN COMPENSATION

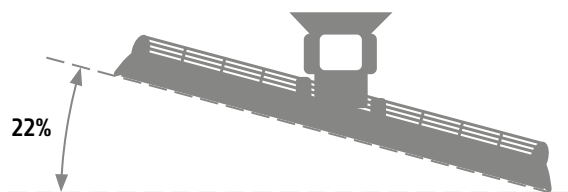
Effectively harvest in any terrain: with Active Slope Adjustment (ASA) and Side Hill Kit.



**7% WITH BUILT-IN SLOPE
COMPENSATION**



14% WITH SIDEHILL KIT



22% WITH HILLMASTER™

SIDEHILLS

SIDEHILL KIT

S7 is equipped with augers which transport the grain to the cleaning shoe. These are slope independent and ensure the grain is spread evenly across the chaffer even on steep slopes. The factory fitted sidehill kit adds up to 14% slope compensation for the cleaning system. A series of high dividers on the chaffer stop the grain from sliding to one side when it passes over and through the sieve. Rubber flaps on either side of the dividers act like the paddles on a pinball machine. They constantly flick the grain uphill to prevent build-up and keep the cleaning shoe evenly loaded.



ROLLING HILLS

DEPENDABLE COMPENSATION

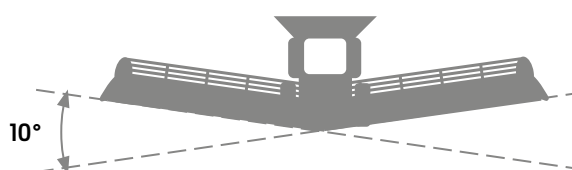
Terrain Settings Automation automatically adjusts all the important cleaning shoe settings (fan speed, chaffer and sieve) as you go up or down slopes. The software also has an industry-exclusive crop matrix which makes specific adjustments for the type of crop. For instance, rapeseed is particularly sensitive to fan speed changes, so the system adjusts the chaffer and sieve settings first, before adjusting the fan speed.

Terrain Settings Automation reduces grain losses by as much as 50% on slopes. It also delivers cleaner grain to the tank by reducing the amount of tailings.

HILLMASTER™

The Hillmaster™ system uses hydraulics to level the entire combine by up to 15% to maintain a flat-field harvesting performance on slopes. Evenly balancing the combine's weight, Hillmaster™ avoids over-stressing the wheels on the downhill side, ensuring maximum grip even in unstable or wet soils. In conjunction with the S7's built-in 7% slope compensation, Hillmaster™ takes that up to a total slope compensation of 22%.

Apart from being a lot more comfortable for the operator, Hillmaster™ has the added benefit of keeping the grain tank level so you won't have to unload until it's full to the brim.



DIPS AND CHANNELS

10° HDX HEADER

The hinged draper header acts like two independent draper headers. Each section of the hinged draper can move by up to 10° – the largest on the market. The design ensures the reel is kept equidistant from the cutterbar knives whatever the angle, so cutting precision is not affected. Crop is also smoothly transported to the feederhouse by the draper belts with no loss in feeding performance.

If you're harvesting in fields with dips, the investment in an HDX Header will soon pay off as you'll catch more crop and put more grain in the tank.

TOTALLY THOROUGH

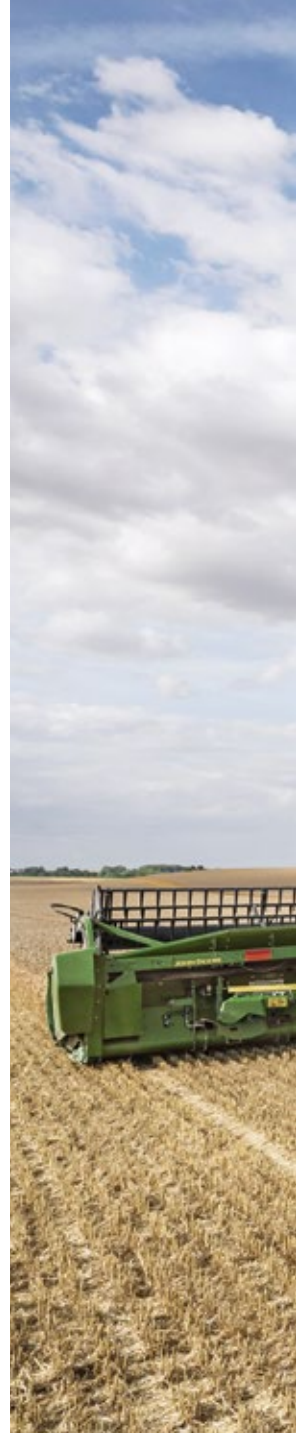
RESIDUE MANAGEMENT

Depending on the required chopping intensity, there's a choice of a high-performance 100-knife Extra Fine Cut Chopper operating at 3,000 rpm, or a 52-knife Fine Cut Chopper operating at 2,400 rpm. The Extra Fine Cut Chopper ensures residue is quickly incorporated into the soil, releasing valuable nutrients for the next planting season.

FAST CONVERSION TIMES

The chopper can be moved electrically from transport to working position. When converting to corn, there is no need to change knives and engage a corn cob deflector. All you have to do is lower the chopper speed to 1,600 rpm.

With the Premium Chopper, you can also switch from chop to drop at the touch of a button. This is a very useful feature for headland turns and for parts of the field where the crop needs to be treated differently, such as green straw.



LOW ENERGY KNIFE DESIGN

The patented new chopper knife design reduces power consumption by up to 15 kW (20 PS) compared to standard wing knives. The knife is just one optimized feature. The secret to its performance are the small dimples on its surface. Similar to the dimples on a golf ball, they reduce air resistance over the surface of the knives. The cutting action also creates a self-sharpening effect, further improving the energy efficiency. Once they are worn, knives can also be turned over to the other side to extend their operating life.

**124**

Knives

27 PSMaximum
Power saving**45 FT
(13.70 M)**

Spread



CHOP...



EVEN RESIDUE DISTRIBUTION

An advanced Premium PowerCast™ spreader with two mechanically driven enclosed discs is available with both types of chopper. It's mounted low to perfectly spread chopped straw even in windy conditions. The mechanical drive is also durable and extremely efficient, using less power and saving fuel. The chopped straw is accelerated as it passes through the spreader vanes for even distribution up to 45 ft (13.70 m) wide.

ADJUSTABLE CHOPPING INTENSITY

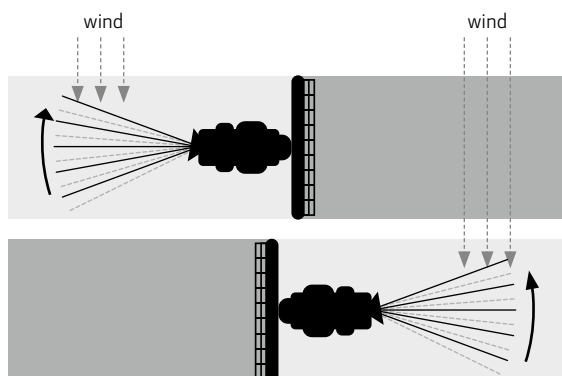
The counter knives can be moved in or out from the comfort of the cab to balance chopping intensity and fuel consumption according to the prevailing crop and tillage conditions. Alternatively, they can be adjusted manually without the need for tools.

...DROP



AUTOMATIC WIND COMPENSATION

Using the SF signal, AutoSwap automatically changes the spreading direction of the chopper to compensate for side wind. There's no need to press the swap button at the headland, and no chance of forgetting to change direction and running with the wrong settings. AutoSwap is included as standard with residue systems equipped with electric vane tailboards or an Premium Powercast™ spreader.

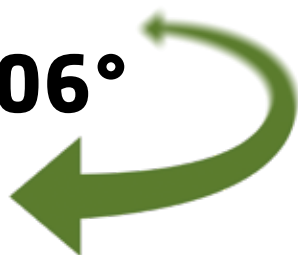


MORE CONTROL, EASIER TO USE

AUGER DESIGN



106°



EXCELLENT VISIBILITY

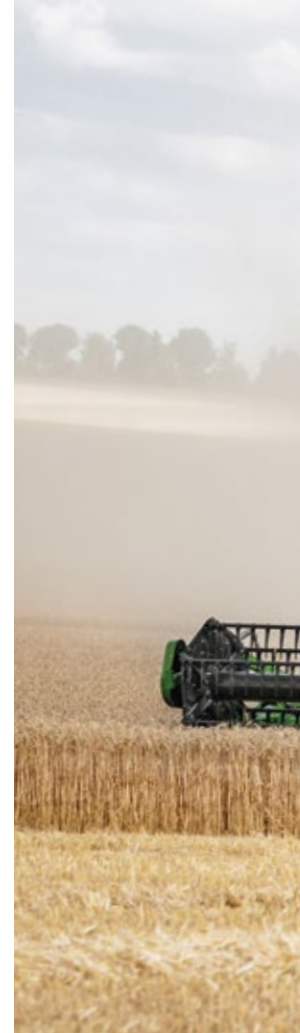
The auger swings by up to 106°, giving you an excellent view when unloading. You can also watch the grain unloading on the G5^{Plus} CommandCenter™ Display via a video feed from an optional camera on the auger.

REDUCED RISK OF DAMAGE

The auger has a clearance of up to 5.1 m between the unloading boot and the ground so there's less risk of damage with high sided trailers.

SPACE-SAVING DESIGN

S7 has a folding auger that makes storage and manoeuvring in tight spaces easier and is helpful for road transport. Rigid auger versions are also available.





LOW STRESS OPERATION

The large diameter of the auger means it can transport massive amounts of grain at lower rpm. Apart from less wear and tear it reduces potential grain damage due to less grain on metal contact.

ADJUSTABLE SPOUT

With the adjustable spout you can precisely direct the grain flow by up to 1 metre to fully utilise the available space in the trailer or grain cart. When the auger moves to the park position the adjustable spout moves up and away for improved clearance.



In field



Unloading





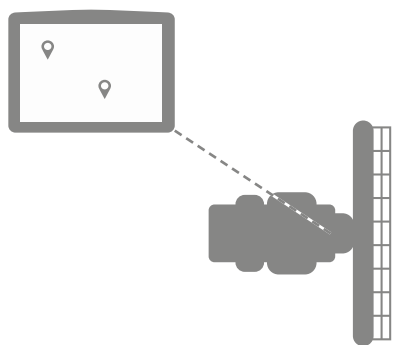
PRECISION UNLOADING

MACHINE SYNC

YOUR BENEFITS

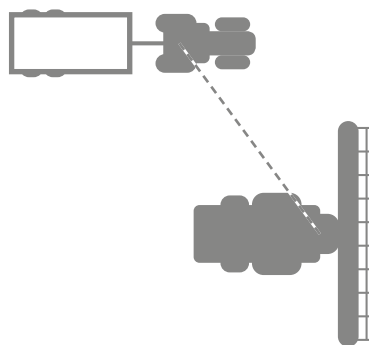
- Ensures spill-free, precision unloading on-the-go
- Reduces the chance of collisions between machines
- Prioritises combine unloading and improves harvest efficiency
- Less operator stress

Machine Sync allows operators to connect up to 6 machines within a wireless network for better harvest logistics. Combines act as “Leaders”, and tractors with trailers as “Followers”. When Machine Sync is engaged, the combine controls the tractor’s speed, direction, and position. Drivers can remotely check the grain tank fill level of all combines within the network to prioritize unloading. When the trailer arrives alongside the combine, the driver can take control of the tractor, moving the trailer back and forth for even unloading.



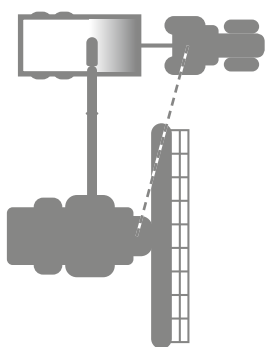
1 | REMOTELY CHECK COMBINE GRAIN FILL LEVEL

The grain trailer operator can view the location of all the combines in their network and the grain tank fill level thanks to In-Field Data Sharing. They can then decide which combine to unload next. Alternatively, the combine operator can request a tractor for unloading. This ensures optimised routing for grain trailers, saving time, fuel and reducing soil compaction.



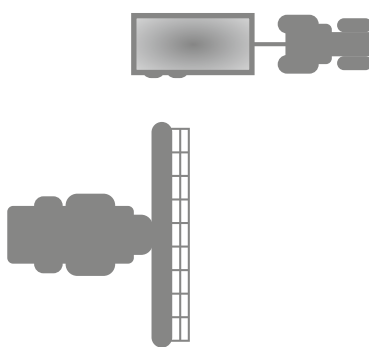
2 | COMBINE OPERATOR TAKES CONTROL OF UNLOADING TRACTOR

As the tractor pulling the grain trailer arrives near the combine, the operator activates Machine Sync. The system automatically takes control of the tractor's steering and speed. The tractor driver can then take their hands off the steering wheel.



3 | COMBINE OPERATOR STEERS TRACTOR

The combine operator can now control the position of the tractor relative to the combine. If the combine changes direction or speed, the tractor also changes direction or speed. The tractor can be nudged back and forth by the combine driver to ensure the grain trailer is evenly filled.



4 | OPERATOR RELEASES CONTROL OF UNLOADING TRACTOR

When the trailer is fully loaded the tractor operator can take over control simply by turning the steering wheel or depressing the brake or accelerator pedals. Alternatively, the combine operator can also stop the synchronisation from their display.



HIGH-SPEED GRAIN HANDLING

HARVEST LOGISTICS



THERE'S NO STOPPING YOU

The combination of a massive 14,100 L grain tank and 150 L/s unloading significantly reduces harvesting interruptions.

UNLOAD IN A FLASH

The engine's electronic management system provides a substantial power boost of up to 37 kW (50 hp) during unloading so that you can get back out there harvesting in no time at all.

BUILT FOR TOUGH

The grain handling system features a heavy-duty chain-driven design that performs equally well in high-yielding crops and wet conditions. Tool-free adjustment of the cross auger cover plate in the grain tank also allows the load rate to be adjusted for different crops and conditions.

GENTLE GRAIN HANDLING

The 429 mm diameter auger reduces grain on steel contact. That helps minimise broken kernels and the price you get at the grain store.

**150 L/s**

Unloading

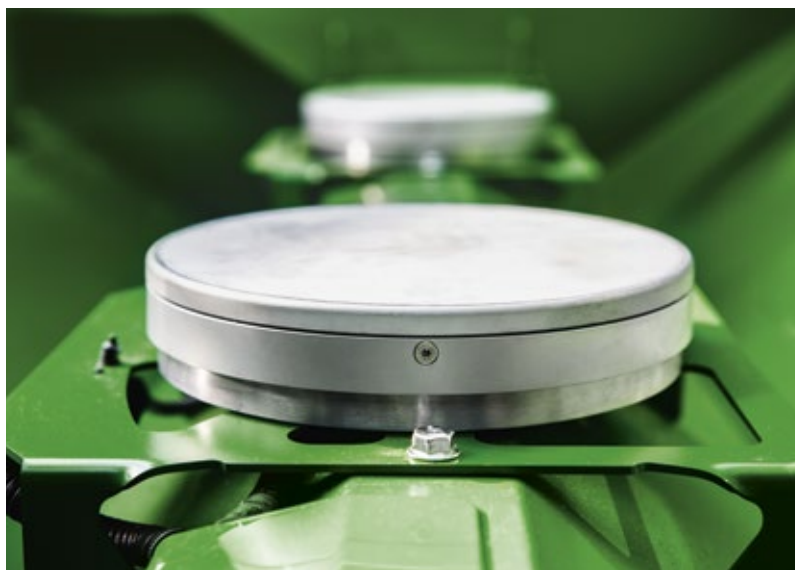
50 HPExtra unloading
power**14,100 L**

Grain tank

ACTIVEYIELD™

ActiveYield™ features three precision sensors in the grain tank which automatically measure the change in weight as the grain tank fills. The system compares the measurement from the tank sensors with those from the yield and moisture sensors to accurately calibrate the yield sensor. Now you no longer have to carry out time-consuming manual calibrations and double-weighing of trailers at a weigh bridge to get accurate yield measurement data. This improves harvest logistics with grain trailers spending less time travelling to the silo. It also eliminates the risk for errors in the yield maps as there is no need to enter calibration data into the system manually.

Research has shown that 96% of operators only carry out a single point calibration or none at all. Just 4% complete the recommended multi-point calibrations. ActiveYield™ removes the need for manual calibration as the system is constantly measuring the yield using data from the moisture and yield sensors.



GENTLE ON YOUR SOIL

TRACKS

Tracks offer many advantages over tyres, including lower soil compaction and a longer life. We benchmarked our new design against several competitors, travelling at an average speed of 30 km/h for nearly 1,000 km with 8-row corn headers. The result? 50% less wear! It’s just one of the many benefits of our advanced track design.

BIGGER FOOTPRINT – NARROWER WIDTH

The triangular profile creates a ‘climb out of mud effect’, and the extended length produces a larger footprint without adding to the overall combine width. For instance, the footprint of the 24-inch (610 mm) tracks is larger than that of the 25-inch (635 mm) tracks offered by other competitors. The bigger footprint reduces soil compaction, saves fuel and removes the need for deep tillage, saving costs all year round.

SELF-CLEANING TREADS

The track treads are deeper with a higher profile for longer wear life. They also provide greater grip and are self-cleaning, thanks to the 55° tread angle which promotes mud release. So when you’re about to go on the road after a long day’s harvesting, you won’t be delayed cleaning out the treads.



TRACK WIDTH/mm/in	610/24	760/30	910/36
FOOTPRINT/m²	1.23	1.54	1.84
TRANSPORT WIDTH/m	3.47	3.77	4.58

SMOOTHER RIDE

The tracks Progressive Suspension Design is a patented technology unique to John Deere. When you add the 5-pivot point technology, the tracks have unbeatable terrain-following capability. In customer tests against the leading competitors, the new track design scored substantially higher ratings on all key criteria: ride quality, noise and vibration.

ZERO MAINTENANCE

The track rollers are made from an ultra-hard-wearing polymer. Apart from being incredibly tough, it has self-lubricating properties. This reduces wear and tear for a longer life. The sealed gearboxes and bearings also remove the need for regular greasing. All you need is an oil change every 500 hours.



20%

SMOOTHER RIDE

30%

LARGER FOOTPRINT

50%

LONGER TRACK LIFE



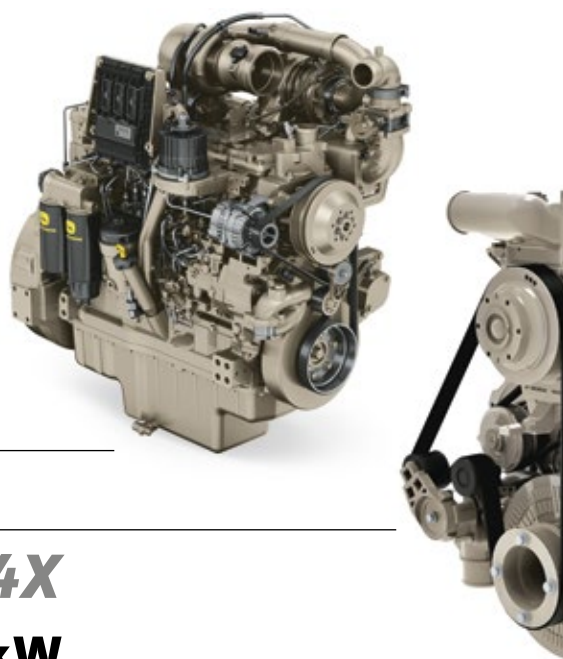
POWERFUL PROGRESS

ENGINES AND TRANSMISSIONS



OUR NEW JD9X AND JD14X ENGINES

Nobody has higher standards for the engines that go into a John Deere. That's why we design and build our own: Our new JD9X and JD14X engines feature unprecedented fuel efficiency, are Stage V compliant, produce more horsepower when needed with Harvest IPM, and deliver higher productivity and efficiency at reduced engine speeds thanks to HarvestMotion™ technology. Power your progress with the John Deere engine that suits your farming needs.



JD9X

335 kW
445 hp

JD14X

400 kW
625 hp

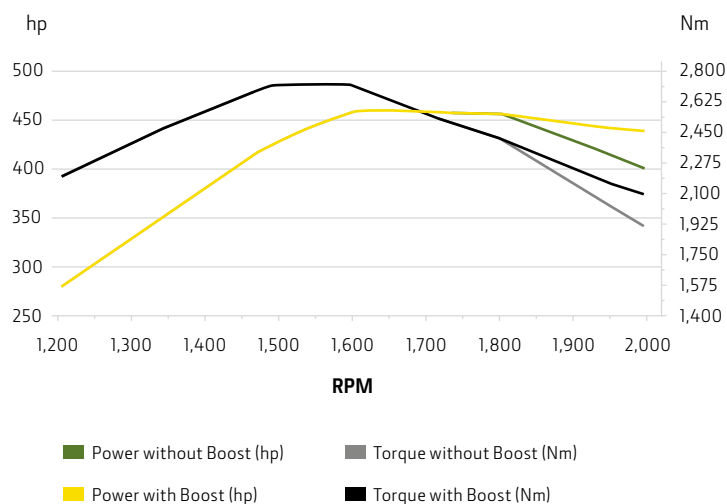
HARVESTMOTION™ AND HARVEST IPM

HarvestMotion™ delivers significantly higher productivity and more efficiency at reduced engine speed. Harvest IPM* gives you a torque rise and even more power to boost your performance and efficiency when needed. Even permanently.

PRODRIVE™ TRANSMISSION

The ProDrive™ transmission is built at our factory in Getafe, Spain. It gives you precise customisable control of your speed across two infinitely variable speed ranges. Up to 40 km/h on the road. And, for performance harvesting, 95% more torque at 6.5 km/h and 64% more torque across the entire speed range.

T6 800 – JD9X ENGINE – WITHOUT & WITH BOOST TORQUE & POWER



UP TO 20% FUEL SAVING

On the road, the engine speed management of the JD14X engine improves fuel efficiency by reducing engine rpm from 2,000 to 1,600 during on-road transport and to 1,200 when stationary at junctions and traffic lights.

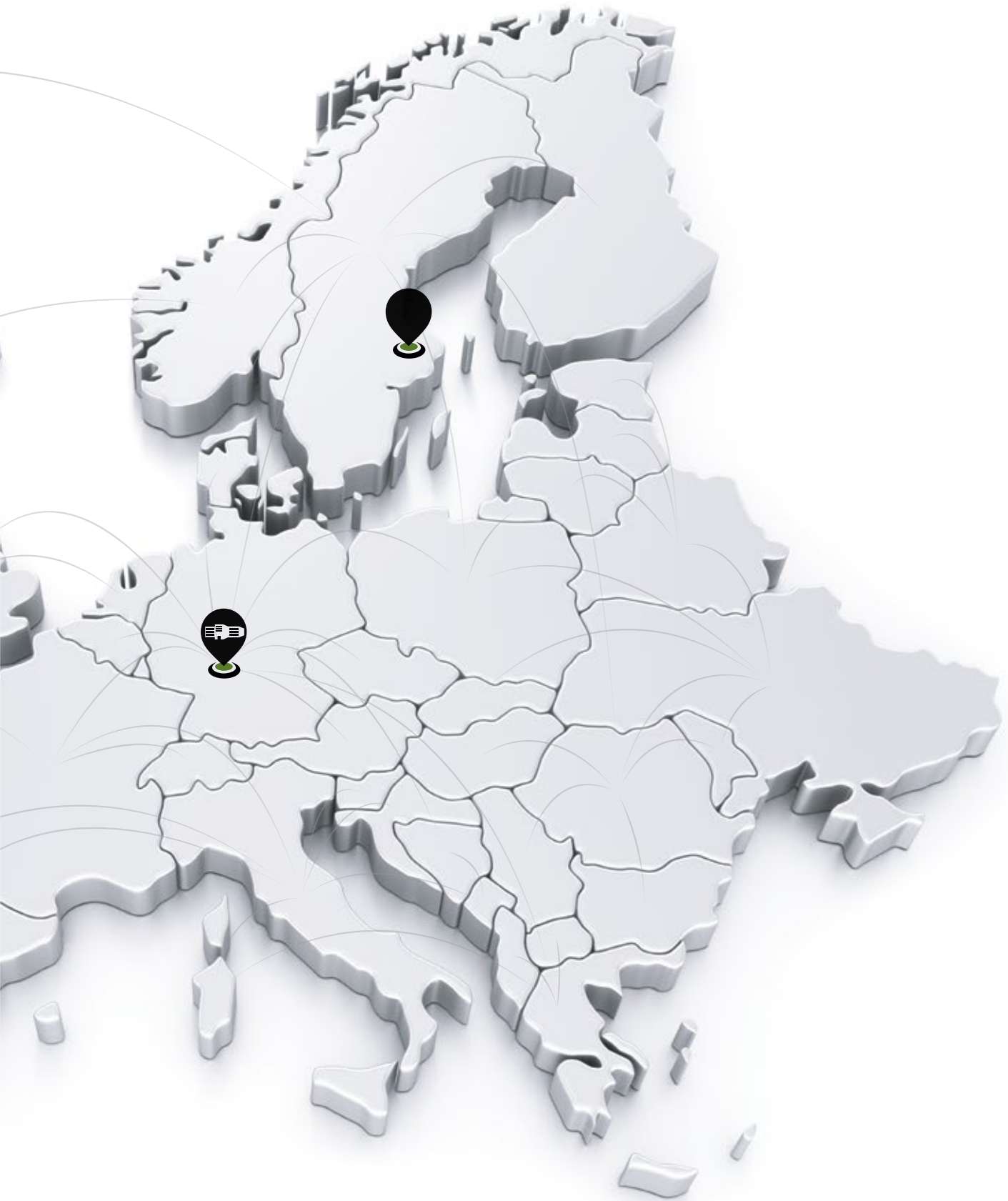
* Requires Ultimate Tech Package

ALL YOU NEED, ALL RIGHT NOW

PARTS AVAILABILITY AND LOGISTICS

Our commitment to your parts access begins at your nearest point of contact: the dedicated service at your local John Deere dealership. From there, our high-performance logistics network and the expansive European parts warehouse take over. This facility houses an extensive selection of over 300,000 different parts, ensuring that everything you need is always within reach and ready for next-day delivery.





ACCESS MAXIMUM UPTIME

JOHN DEERE CONNECTED SUPPORT™

Start every day with the confidence that you and your machines are being looked after by experienced and trained experts. Using the most modern and specialised tools, our John Deere dealers offer you first-class support and will help you optimise the performance and reliability of your machines.





**JOHN DEERE
CONNECTED SUPPORT™**

REMOTE MONITORING

Dealer experts remotely monitor the operating status of your machine with John Deere Connected Support™ tools such as Expert Alerts and Machine Dashboard. If the tools indicate that there is an issue with the machine, you will be contacted immediately and receive proactive support to minimise downtime risk.

REMOTE SUPPORT – MACHINE SET-UP

A solid uptime advantage, remote display access can significantly reduce machine set-up time. It allows your dealer's experts to connect to your machine's display, assist you with set-up, help you optimise performance, and simplifies communication with your dealer if problems arise.

EXPERT ALERTS

Our unique system is based on software algorithms that can predict various imminent problems before they have a negative impact or cause damage. In such cases, automatically generated diagnostic and repair notifications enable dealer service specialists to react more quickly and significantly reduce machine downtime.



NONSTOP HARVESTING

HARVEST PROMISE

Our Harvest Promise package is included with every new S7. We promise to get any parts you need within 24 hours of placing your order. If we fail and your S7 can't harvest, your dealer will provide you with a backup machine of a similar size.



EXPERT CHECK

A comprehensive pre-season check by certified technicians. Covers everything from wear parts to software updates.

HARVESTING PROFESSIONALS

Factory-trained experts are on hand throughout the harvesting season to give you help and advice.

BACKUP MACHINE*

Requires an annual pre-season Expert Check by your John Deere dealer and applies to combines up to 7 years old!

24-HOUR PARTS PROMISE

The best parts logistics network in the agricultural business delivers 97% of orders within 24 hrs.

DRIVER TRAINING

Refresher trainings to bring drivers fully up to speed on combine optimisation from day one of the harvesting season.

*A back-up machine is available for any John Deere combine harvester up to 7 years old at participating dealers only. To qualify it must be maintained in accordance with the operator's manual and undergo a pre-season Expert Check with any recommended repairs carried out.



POWERGARD™

STATUS: PROTECTED





PowerGard™ aftercare packages let you accurately budget your maintenance costs and protect you from unexpected repair costs. You simply pay a fixed fee for easy budgeting and choose the level of coverage you want.

POWERGARD™ MAINTENANCE

Covers all scheduled servicing using only John Deere original parts.

POWERGARD™ PROTECTION

Protects all key components that put power to the ground to keep you harvesting. For instance, engine, transmission, steering and wet brake components, axles and frame.

POWERGARD™ PROTECTION PLUS

Gives you the ultimate peace of mind. It covers almost every component from the feederhouse and cleaning shoe to the grain unloading systems and straw chopper.*

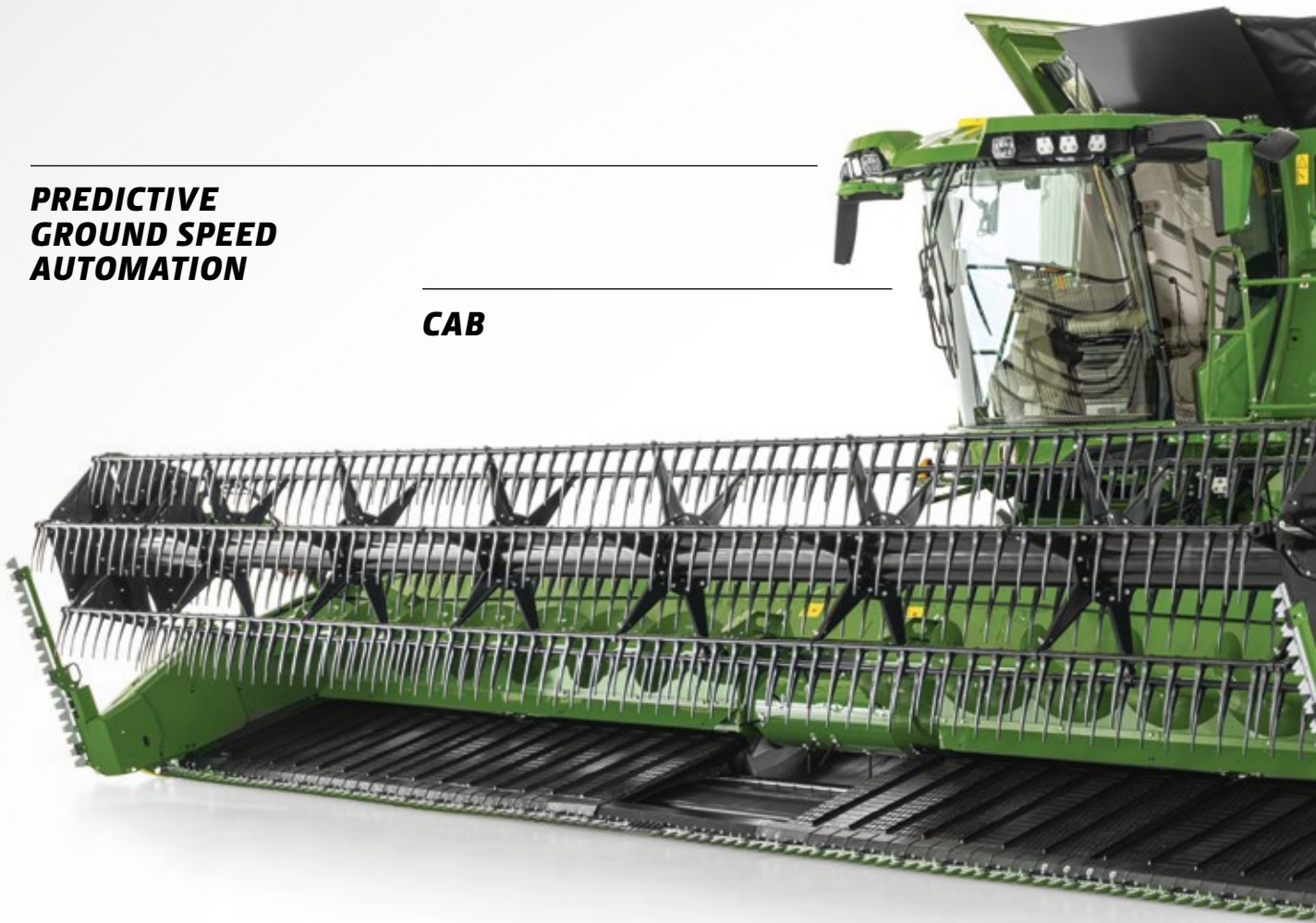
* deductibles may apply to repairs

BUILT FOR BIGGER GOALS

SUMMARY

**PREDICTIVE
GROUND SPEED
AUTOMATION**

CAB





STYLING

**HARVEST
SETTINGS
AUTOMATION**

**GRAIN HANDLING –
X9 LOSS MEASUREMENT
AND SPOUT**

**NAME AND
NUMBERING**

**EFFICIENCY –
XCEL CHOPPER
KNIVES**

**HARVEST IPM –
ADDITIONAL 5%
POWER AVAILABLE**

**EFFICIENCY –
NEW RESIDUE
MANAGEMENT SYSTEM**

**EFFICIENCY –
NEW ENGINES /
HARVEST MOTION**





DNA
EERE



No matter what your specific harvesting needs and goals are, the core qualities of our combines all come from the same place of excellence we call the DeereNA.

Our T5, T6, S7 and X9 combines now have the new styling and cab design introduced with the X9. They also feature the expansive, high-definition G5^{Plus} display, with more room for harvesting information. The new efficient JD9X and JD14X engines power your progress with HarvestMotion™ and Harvest IPM technology, and the entire combine family has versatile headers and high-speed grain handling capabilities. Powered by DeereNA, your farming potential is as big as your goals.



MORE REACH FOR EFFECTIVE UNLOADING

UNLOADING AUGER

You can select the length of the auger in accordance with the width of the front attachment.



S7 WITH XA25



AUGER LENGTH

18.5 ft, 5.6 m	22.5 ft, 6.9 m	26 ft, 7.9 m	28.5 ft, 8.7 m
run on windrow*	center of windrow	LHS of windrow	LHS of windrow

S7 WITH RDF30



AUGER LENGTH

18.5 ft, 5.6 m	22.5 ft, 6.9 m	26 ft, 7.9 m	28.5 ft, 8.7 m
RHS of windrow	run on windrow	center of windrow	center of windrow

S7 WITH RDF35



AUGER LENGTH

18.5 ft, 5.6 m	22.5 ft, 6.9 m	26 ft, 7.9 m	28.5 ft, 8.7 m
RHS of windrow	RHS of windrow	RHS of windrow	run on windrow

S7 WITH HDX40



AUGER LENGTH

18.5 ft, 5.6 m	22.5 ft, 6.9 m	26 ft, 7.9 m	28.5 ft, 8.7 m
RHS of windrow*	RHS of windrow	RHS of windrow	RHS of windrow

S7 WITH HDX45



AUGER LENGTH

18.5 ft, 5.6 m	22.5 ft, 6.9 m	26 ft, 7.9 m	28.5 ft, 8.7 m
—	RHS of windrow*	RHS of windrow	RHS of windrow
—			

* not recommended

SPECIFICATIONS

MODEL	S7 700	S7 800	S7 850	S7 900
ENGINE				
Emission Level	Stage V	Stage V	Stage V	Stage V
Displacement (l)	9	13,6	13,6	13,6
Rated speed	2200	2000	2000	2000
Rated power ECE R120 (kW/hp)	300/407	353/480	373/507	405/551
Max Power ECE R120 (kW/hp)	344/467	402/547	426/579	460/625
Boost (kW/hp)	25/34	37/50	37/50	37/50
Engine Speed Management	■ w/ ProDrive™	■	■	■
Fuel tank capacity (l)	950	1155	1155	1155
DEF tank capacity (l)	74,2	74,2	74,2	74,2
Air Compressor	□	□	□	□
FEEDERHOUSE				
Conveyor chains regular feederhouse	4	4	4	4
Conveyor chains HM feederhouse	3	3	3	3
Slip Clutch (1200nm forward / 1400 nm reverse)	■	■	■	■
Mechanical Header reverser (110kW, 150PS)	■	■	■	■
Cutting angle adjustment, 17°	■	■	■	■
Hydraulic Fore/Aft Tilt	□	□	□	□
2 Speed Feed Accelerator with Stonetrap	■	■	■	■
THRESHING & SEPARATION				
TriStream™ rotor with fixed crop flow (not on HM)	□	□	□	□
Variable Stream rotor with long front cone, rear cone, actively adjustable crop flow in separator	□	□	□	□
Active Concave Isolation	–	□	□	□
Rotor length (mm)	3.124	3.124	3.124	3.124
Rotor diameter (mm)	834	834	834	834
Shiftable rotor speed ranges, corn/small grain (rpm)	210-550 / 380-1,000	210-550 / 380-1,000	210-550 / 380-1,000	210-550 / 380-1,000
Effective Threshing area (m²)	2,75	2,75	2,75	2,75
DY-FLO PLUS CLEANING SYSTEM WITH AUGER TYPE PREPARATION SYSTEM FRONT CHAFFER, CHAFFER AND SIEVE				
Dy-Flo Plus	■	■	■	■
Sidehill Performance Kit	□	□	□	□
# of conveying augers	4	4	4	4
Active tailings return	–	■	■	■
Single range fan drive (RPM)	620-1350	620-1350	620-1350	620-1350
Pre Cleaning System	■	■	■	■
Dual Ventilated Step	■	■	■	■
TOTAL cleaning Shoe area according to ISO Norm 6689:1997 (m²)	5,9	5,9	5,9	5,9
Terrain Settings Adjustment	□	□	□	□
GRAIN TANK				
Volume acc. ANSI/ASAE S312 norm (L)	10,600	14,100 (10,600 for HM)	14,100 (10,600 for HM)	14,100 (10,600 for HM)
Unloading auger swing range (deg.)	105	105	105	105
Standard unloading system at peak performance (L/sec)	150	150	150	150
■ base □ optional – not available				

MODEL	S7 700	S7 800	S7 850	S7 900
RESIDUE MANAGEMENT				
Standard Material Flow, Manual chop to drop control, chop straw & spread chaff or drop straw & drop chaff.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote Chop to Drop Material Flow, Remote chop to drop control, chop straw & spread chaff or drop straw & drop chaff.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine Cut Chopping Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extra Fine Cut Chopping Device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual Vane Spreading Device, for headers up to 30 ft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electric Vane Spreading Device, for headers up to 30 ft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Premium PowerCast™ Spreading Device, for headers up to 45 ft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Twin Disc Straw Spreader with Integrated Chaff Spreader and Variable Speed Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wide Spread Twin Disc Straw Spreader with Integrated Chaff Spreader, Barrier Hoops, In-cab Independent Disk Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remote Counter Knife Bank	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Redekop Seed Control Unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL BODY SIDE-HILL SYSTEMS				
HillMaster™ (inclines up to 22%)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Side Hill Performance Package	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GROUND DRIVE				
Electrical Push Button Shift 3-Speed Transmission	■	–	–	–
ProDrive™ Stepless Transmission	<input type="checkbox"/>	■	■	■
Differential Lock tracked/wheeled machine	<input type="checkbox"/>	■	■	■
Max. speed with wheels (km/h) (depending on country & homologation)	40	40	40	40
Max. speed with tracks (km/h) (depending on country & homologation)	40	40	40	40
4WD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIMENSIONS				
IF680/85 R32 CFO (m)	3,45	3,45	3,45	3,45
VF710/70R42 R42 (m)	3,49	3,49	3,49	3,49
IF800/70R38 (m)	3,79	3,79	3,79	3,79
IF900/60R38 (m)	3,99	3,99	3,99	3,99
IF 1250/50 R32 (m)	4,81	4,81	4,81	4,81
Maximum Shipping height with tires (m)	4	4	4	4
Shipping length (with 6,9 m folding unloading auger) (m)	9,1	9,1	9,1	9,1
John Deere Tracks 24" (m)	3,49	3,49	3,49	3,49
John Deere Tracks 30" (m)	3,74	3,74	3,74	3,74
John Deere Tracks 36" (m)	4,55	4,55	4,55	4,55
INTEGRATED TECHNOLOGY				
Mass Flow and Moisture Sensor	■	■	■	■
ActiveYield™	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Terrain Settings Automation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AutoSwap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HarvestDoc Yield Documentation	■	■	■	■
Ground Speed Automation (see Tech Packages)	■	■	■	■
AutoTrac™	■	■	■	■
Guidance Signal Availability (SF1, SF3, RTK)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AutoTrac™ Row Sense	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Harvest Settings Automation (see Tech Packages)	■	■	■	■
JDLINK™	■	■	■	■
Remote Display Access	■	■	■	■
Wireless Data Transfer	■	■	■	■
Service Advisor™ Remote	■	■	■	■
Data Analysis (via Operations Center)	■	■	■	■
Machine Sync	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

■ base ☐ optional – not available



SPECIFICATIONS

MODEL	S7 700	S7 800	S7 850	S7 900
CAB				
Seat Suspension Option: Air suspended	■	■	■	■
Seat Suspension Option: ActiveSeat II	□	□	□	□
Passenger Seat	■	■	■	■
G5™ Plus™ Command Center 12.8"	■	■	■	■
CommandPro™ hydrohandle	■	■	■	■
Cameras (up to 4)	□	□	□	□
Active Refrigerator	■	■	■	■
Climate Control	■	■	■	■
■ base □ optional – not available				

MODEL	S7 700	S7 800	S7 850	S7 900
CONNECTIVITY & TECHNOLOGY PACKAGES				
G5^{Plus} CommandCenter Display includes AutoTrac permanent license; Optional: Extended Monitor	StarFire™ Integrated Receiver optional with SF-RTK Signal		JDLink™ R Modem	
SELECT Combine Technology	PREMIUM Combine Technology		ULTIMATE Combine Technology	
Ground Speed Automation with coverage & terrain maps, grain loss inputs	Terrain Settings Automation Harvest Settings Automation with ActiveVision Cameras and Loss Sensing Inputs Software License Premium – S7/X9 Combine incl. 1year SF-RTK Harvest Settings Automation Machine Sync AutoPath AutoTrac Turn Automation SF-RTK		Predictive Ground Speed Automation with satellite-based inputs & forward looking cameras Software License Ultimate – S7/X9 Combine Ultimate incl. 1year SF-RTK Predictive Ground Speed Automation Harvest IPM Machine Sync Infield-Data-Sharing AutoPath AutoTrac Turn Automation SF-RTK	



HARVESTING FUTURE INSIGHTS





NOTHING RUNS LIKE A DEERE™

Chances are that when you need us, you need us right then and there. For advice, to solve a problem, or for a part. Reach out, we'll be there with technicians who are factory trained, ready to go to work for you, using only genuine John Deere parts and products. But our commitment to quality doesn't stop at your machine – we also have financing options available that are guaranteed to fit your budget and your plans.



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 products described in this literature without notice. The green and yellow colour scheme, the leaping deer logo and the JOHN DEERE word mark are trademarks of Deere & Company.