

X SERIES COMBINES

X9 1000 and X9 1100



JOHN DEERE



X SERIES COMBINES

INTRODUCING THE ALL-NEW X SERIES COMBINES

You have a tight harvest window and an even tighter profit margin. You need more productivity and low losses. You need a combine that can get as much done in a day as you need it to — day in and day out, season after season.

You need an X9 Combine. These new combines deliver an average of 45% more harvesting capacity across all crop types, with no sacrifice in grain quality — all while using 20% less fuel¹. The X9 1100 can harvest up to 30 acres an hour in wheat; in high-yielding corn, the X9 1100 can harvest up to 7,200 bushels per hour², which means you can fill up to 7 semi-trailer trucks per hour³.

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1. Internal comparison between X9 1100 and S790 Combines, based on field conditions, per unit harvested. Pre-production model shown.
2. Compared to similar 45 ft (13.7 m) drapers. Based on internal testing, performance claims based on field and crop conditions at time of testing; individual results may vary. 3. Semi-trailer trucks with 993-bushel capacity. Specifications and design subject to change.

X9 CAPACITY

UNPRECEDENTED PRODUCTIVITY

**THE X9 COMBINES HAVE
CAPACITY GAINS COVERED.**

Two 24 in (609 mm) separators offer 45% more threshing area and 80% more separating area¹ for better threshing and separating in high-volume crops.

Harvest up to 33 more acres per day with a John Deere 50 ft (15.2 m) HDR Hinged Draper compared with similar 45 ft (13.7 m) drapers.

Even with a 23% wider feederhouse¹ and more threshing and separating area, the outside dimensions are about the same as the S790, for tight turns and narrow transport.

Unload a full tank in about a minute and a half – up to 5.3 bushels per second! Choose from three power-folding auger lengths.

A new cleaning system offers 36% more cleaning area¹ to effectively put clean grain in the tank in the toughest conditions.

1. Internal comparison between X9 1100 and S790 Combines, based on field conditions, per unit harvested. Pre-production model shown. Specifications and design subject to change.



X9 EFFICIENCY

YOUR BEST HARVEST, MADE BETTER

Every aspect of our design process considered how to make these combines more efficient. It wasn't just the new engine that delivers lower fuel costs, but also belts, transmission, residue system, and rotors.

The X9 Combine delivers up to a 45% increase in harvesting capacity, while only needing 11% more horsepower than an S790¹. Plus, there's 30% more torque to handle larger loads with a smooth power increase thanks to the new ProDrive™ XL transmission¹.

Our simplified belt-drive system uses larger pulleys and more robust belts to improve the handoff of power and belt wear-life. And a new residue system spreads up to 50 feet (15.2 m) wide; the double-decker design provides better air flow for even distribution with less power consumption.

Find out more at:
JohnDeere.com/X9 or [John Deere.ca/X9](http://JohnDeere.ca/X9)

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X9 VERSATILITY

READY FOR YOUR TOUGHEST CROP, ALL DAY

Whether it's tough small grains, or high-yielding corn, the X9 Combine comes ready with tools to help you get the most out of your fields, throughout your harvest season.

Start with being able to set it and forget it. Automatically maintain combine settings that you choose with Combine Advisor™ and ActiveVision™ Cameras* to improve grain quality and reduce loss. And when it's time to unload, the 4600 Display gives you easier, in-cab control over the power folding grain tanks, and adjustable spout.

When you've finished corn harvest, Active Concave Isolation and lighter concaves make switching over from field peas to spring wheat quick and easy. And the modulated feederhouse reverser allows the feederhouse to reverse under full engine RPM when plugged.

*Only available with Ultimate Technology Package

TRACKS OR WHEELS GIVE YOU THE RIGHT FIT FOR YOUR FIELDS

Now your ability to get into your fields sooner is easier than ever. Reach a road transport speed of almost 25 miles per hour (40 kph) with John Deere Tracks. The suspended track system provides a smoother ride with better ground following. This makes for more comfortable harvesting days and lets you finish faster.

These tracks — available with 30- or 36-inch (76- to 91-cm) wide belts — deliver better ride quality and ground following, thanks to new suspension cylinder and tandem bogie wheels. The wider track footprint improves flotation and compaction — plus there's no daily maintenance.



COMFORT AND CONVENIENCE PACKAGES

READY FOR AN ALL-DAY STAY

Our most comfortable cab, for when your days start early and end late. Because when it's time to harvest, you've got no time to be anything other than ready to go. Choose from three comfort and convenience packages.

SELECT	PREMIUM	ULTIMATE
Cloth air suspension seat with mechanical controls and lumbar support	Cloth air suspension seat with electronic controls and lumbar support; 16 degrees of swivel to the left and right	Leather seat with electronic controls and lumbar support; left-hand and right-hand swivel; heated, ventilated; massaging feature
Heat and air-conditioning vent at the base of the seat	Footpegs	Auto-cinching door
Five cupholders	Refrigerator	Footpegs
Accessory rail with tablet mount	Touchscreen radio (satellite and smart phone ready)	Refrigerator
USB and power ports	Five cupholders	Touchscreen radio (satellite and smart phone ready)
	Accessory rail with tablet mount	Five cupholders
	USB and power ports	Accessory rail with tablet mount
		USB and power ports

SUSPENSION PACKAGES

Two packages offer you a choice in seat suspension.

PREMIUM	ULTIMATE
Cloth seat with air suspension	Includes ActiveSeat™ II
	Significantly reduces vertical motion up to 90 percent compared to the premium package
	<small>*Only available with the Premium or Ultimate Comfort and Convenience Package.</small>



NIGHTTIME DOESN'T MEAN SLOWING DOWN

Harvest days often end in the dark and you can choose from two Visibility Packages to help you knock out the acres, no matter what time of day you are working. Visibility Packages can be mixed or matched with your choice of Comfort and Convenience Packages.

PREMIUM	ULTIMATE
LED lights with twice as much output as S700 lights	360-degree LED lights
LED lights under each wing	LED lights under each wing
Electric and heated mirrors	Electric and heated mirrors
Front sunshade	Front sunshade
Back-up camera	Right-hand sunshade
Grain tank mirrors	Back-up camera
	Grain tank and unloading auger cameras
	Lighting on sides of combine and under the grain tank covers

SIGNATURE EDITION



With the release of the X Series Combines, John Deere unveiled the John Deere Signature Edition for combines. This brings together the top-level features and functionality. It includes all the Ultimate packages that are available, making harvest more comfortable with the best visibility and more precision than ever before.

The Signature Edition includes the Ultimate Comfort and Convenience Package, the Ultimate Visibility Package, Ultimate Suspension Package and the Ultimate Technology Package.



HEADERS

CORN HEADS

You can't offer a powerful and productive combine and not deliver front-end equipment that can keep up with it. That's why we engineered our combines to match a full lineup of corn heads from 6 rows to 18 rows to meet a wide range of needs, including adding 16- and 18-row folding corn heads. These corn heads perform exceptionally well at higher harvesting speeds, which means you can finish faster. We know that more acres, higher yields and hybrids with tougher stalks are real challenges at harvest. That's why the components are robust enough to cut the toughest, thickest crop with ease. We've also added stalk deflectors and end fenders to high-performance gathering chains, stalk rolls, auger, and feederhouse promote smooth crop flow and help to make sure every kernel makes it inside the combine. The result? Fewer tossed ears, less ear shelling, and less trash fed through the combine.

AUTOTRAC™ ROWSENSE™

And for corn growers, AutoTrac RowSense delivers AutoTrac accuracy in down corn, around terraces or on pivots, by fusing GPS data from the StarFire™ Receiver with mechanical feeler data from the row sensors. AutoTrac RowSense improves harvest efficiency and yield quality, which lets you harvest at consistent speeds, even around curves.

ROWMAX™ ROW UNITS PROVIDE IMPROVED DURABILITY

The CR/CF Corn Heads with RowMax deliver durability upgrades to gathering chains, gathering chain sprockets, chain guides, and stalk rolls.

Stalks are drawn through with a gentle touch and then finely and consistently chopped by the StalkMaster knives. The CR/CF Corn Heads can also be tailored with stalk rolls designed to match your residue processing needs:

- RowMax Opposing Knife. Best stalk roll for down corn.
- RowMax Intermeshing Knife. Sizes 50% of residue 6" to 12" (15-30 cm).
- RowMax Chopping Knife. Sizes 50% of residue 6" (15cm) or less.



INCREASED WEAR LIFE

Corn Heads equipped with RowMax deliver up to a 50% increase in wear life of row unit gathering chains and sprockets¹; the stalk roll life increased 30% with the RowMax Chopping Stalk Rolls.

1. Compared with 600C corn heads.

DRAPERS

How can you make sure you don't leave crop in the field? By choosing one of our rigid or hinged drapers; select from 35-ft to 50-ft (10.6-15.2 m) models. We've added an all-new line of HDR Rigid Cutterbar Drapers with up to 20.3 inches (515 mm) of wing range to improve ground following in rolling terrain and terraces, while minimizing crop left in the field. You can minimize free grain loss up to 25% with the Grain Saver Draper Belts¹. Plus, you can feed bushy crops smoothly and evenly into the center feed section with the fingered top cross auger. Making adjustments has never been easier — adjust float pressure in less than 6 seconds and convert from off-to-on the ground cutting in less than 10 seconds. You can also adjust the center section feed rate speed, center feed drum finger timing, and drum height in less than 20 minutes when changing from crop to crop.

1. Compared to traditional smooth Draper belts.

ON-AND OFF-GROUND VERSATILITY

The RDF HydraFlex Drapers give you the ability to flex and get low-growing crops like soybeans and lentils in on-ground cutting. But if you also want smooth, fast feeding, and need off-ground cutting, the RDF Series offers a full-width 18-inch (45.7-cm) top cross auger for smoother feeding and controlling bushy crops (especially in heavy canola) in the feeding process, a center section seal kit to capture more grain at the center section, a dual-position drum to allow more space for throughput, and additional sensors for better off-ground height sensing. And the HydraFlex™ flotation system allows you to change the amount of weight of the cutterbar riding on the round to match soft or hard soil conditions while you cut.

BELT PICKUP

The BP15 is for small grains and oilseed growers who want to use the full capacity of their John Deere combine, regardless of separating technology. A wider feederhouse opening with adjustable feed auger flighting and fingers allow you to feed higher volumes of crop, and a factory-installed crop shield minimizes grain loss. This gives you the ability to feed the X9 Combine to full capacity in swathed cereals and canola. A two-speed auger drive system provides a 20% increase in feed rate, giving you the ability to adjust feed rate based on crops and conditions¹.

1. Internal comparison between X9 1100 and S790 Combines, based on field conditions, per unit harvested. Pre-production model shown. Specifications and design subject to change.



EASY, TOOLLESS ADJUSTMENT

The BP15 features a 20% larger gauge wheels with toolless adjustment, and 10-in (254 mm) windscreen fore/aft adjustment to keep you running at max capacity throughout the day.

TAKE YOUR HARVEST TO A HIGHER LEVEL

The X9 Combines offer three technology packages that keep efficiency and productivity at the highest possible level. From data tools like John Deere Operations Center to automation features like Combine Advisor,* to guidance options that range from an integrated receiver for hands-free steering and tractor/grain cart control – the X9 delivers¹. And whether you're away visiting family or watching your kid's baseball game, you can learn what you need about your operation with our mobile apps.

MYOPERATIONS™

Manage your harvest from anywhere with the MyOperations app. Remotely view harvest information such as yield, moisture, and area worked. And you can now remotely view and adjust combine settings. Plus, you can leverage historical map layers, as well as harvest summary information.

CONNECT MOBILE

Being able to make decisions about next year's crop based upon an evaluation of this year's crop performance during harvest is a valuable tool. Connect Mobile lets you view two live maps for a single field so you can determine what worked well and what did not, all while harvesting.

SELECT	PREMIUM	ULTIMATE
Integrated StarFire 6000 Receiver	Everything in the Select Package	Everything in the Select and Premium Packages
Generation 4 CommandCenter™ 4600 Display with 80-degree swivel	Premium Activations for Generation 4 CommandCenter	Machine Sync
AutoTrac™ guidance	Active Terrain Adjustment™	Combine Advisor™ with ActiveVision™ and Auto Maintain
Documentation	AutoTrac RowSense™	
Data Sync	In-field Data Sharing	
Harvest Smart™		
Connect Mobile ready		

*Only available with Ultimate Technology Package

¹ Activation/subscription required. Some additional accessories and/or components may be required. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere Dealer for coverage availability. Generation 4 Activations are machine specific activations that remain with the combine.



TECHNOLOGY THAT ALLOWS YOU TO HARVEST CONSISTENTLY BETTER

IN-FIELD DATA SHARING AND MACHINE SYNC

Coordinate multiple combines and grain carts in the same field to save time and improve logistics. With In-field Data Sharing, you can share coverage map and guidance lines for increased efficiency and complete field coverage when multiple machines are harvesting in the same field. Machine Sync allows the combine to control the speed, direction and position of the grain cart tractor to automate unloading on-the-go, keeping the combine running at full capacity.

The portal to productivity in the X9 Combine is the Generation 4 CommandCenter™ Display. Get started faster with more precision, less calibration and faster pull-in time with the integrated StarFire™ 6000 Receiver and SF3 signal.

COMBINE ADVISOR™

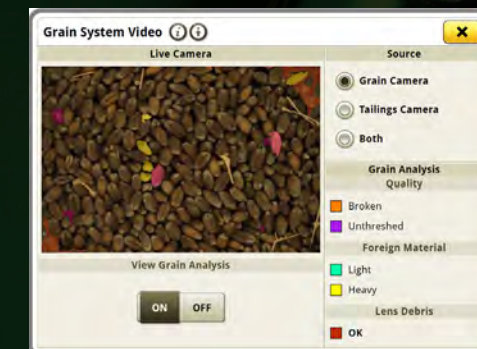
Further improve grain quality and reduce losses with the optional Combine Advisor package. It automatically compensates for changing conditions like wet straw and weeds, even if you can't see them.

This package maintains the performance settings you choose — no matter the moisture or crop conditions. You can set it and watch it work, as your combine will continue to make adjustments as you harvest.

1. Get your combine set
2. Select the Combine Advisor button on the run screen
3. Turn on Auto-Maintain
4. Select the Set Performance Target button

ACTIVEVISION™ CAMERAS

Seeing is believing with the ActiveVision Cameras. Two cameras — one on the clean grain elevator and another on the tailings elevator — show grain samples in near-real time. A grain analysis feature shows grain quality and foreign material. You can have confidence the cameras, which work with Combine Advisor, are improving the grain sample, even on-the-go as conditions change.



SAVE TIME AND MAKE BETTER DECISIONS

Less time calibrating means more time spent harvesting. ActiveYield™ delivers automatic yield calibrations every time you fill up the grain tank, removing the need to spend time manually calibrating. This system ensures your field's yield data will be accurate so you can make decisions with confidence.

PARTS, SERVICE AND SUPPORT TO KEEP YOU RUNNING



GENUINE JOHN DEERE PARTS

When it comes to parts for your X9 – especially high-wear parts like threshing elements and separator tines – choose Genuine John Deere. OEM parts are manufactured specifically for this combine to provide optimal performance and reliability.



INSPECTIONS

Your X9 combine will perform like new for years to come with comprehensive inspections from your local John Deere dealer. The best-trained technicians in the industry will replace worn parts and tune up other key areas to ensure your machine is up and running when you are. Inspections insure you get the most value over the life of your machine.

EXTENDED WARRANTY AND SERVICE PLANS

The **PowerGard** Protection Plan** offers valuable extended warranty coverage to protect you from unforeseen future repair bills and the costly downtime that a breakdown can cause. **PowerGard** offers flexible coverage options for new and used combines in addition to combines still covered by an original John Deere factory warranty.

The **John Deere Protect** Maintenance† extended service plan is designed to help you maintain the original performance and uptime of your new John Deere combine for the first 36 months or 1,000 engine hours (1,250 optional) with no deductible and no additional charges. **John Deere Protect** Maintenance includes 3 annual Expert Inspections and 3 scheduled maintenance events.

The **John Deere Protect** Maintenance Plus Wear†† extended service plan includes everything in the Maintenance plan, plus 24-hour uptime assurance plan and wear parts replacement coverage to provide the best uptime and operating cost protection available. Talk to your John Deere dealer for more information on our extended warranty and service plans.

** PowerGard Protection Plan extended warranty covers failures due to defective materials or original workmanship of covered components. Customers have a choice between either the Limited (engine & powertrain) coverage form or the Comprehensive (full-machine) coverage form. See your dealer or JohnDeere.com/PowerGard or JohnDeere.ca/PowerGard for details. † – A PowerGard Limited Protection Plan with a minimum term of 36 months / 1,000 hours must be purchased separately to be eligible for John Deere Protect extended service plans. †† – A PowerGard Comprehensive Protection Plan with a minimum term of 36 months / 1,000 hours must be purchased separately to be eligible for John Deere Protect extended service plans. Additional details are included in the selling descriptions of each included plan.



CONNECTED SUPPORT

Keeping you running is job one of John Deere Connected Support™. For years, customers and John Deere dealers have used connected tools to reduce downtime. And because distance is not a barrier, when you connect your combine and give your dealer permission, they can remotely monitor and proactively service your combine* from anywhere, and if needed, send out a trained technician with the right part to repair the issue to get you back up and running sooner.



SERVICE ADVISOR™ REMOTE

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



EXPERT ALERTS

An industry exclusive, Expert Alerts is a proactive monitoring system that notifies dealers of potential combine issues. This allows technicians, with your permission, to remotely diagnose issues (often before an operator/machine experiences any symptoms) and fix them before they become a problem.



REMOTE DISPLAY ACCESS


With your permission, your dealer can remotely and quickly assist you with in-cab display setup and adjustments for optimal combine performance – eliminating the need for an onsite service call.

*Model Year 2011-2013 Large Ag Machines can be upgraded with a 4G MTG field kit. Model Year 2014 – Current Large Ag Machines are currently enabled with Connected Support Technology. Also make sure you have a valid MyJohnDeere account and appropriate partnerships set up in the John Deere Operations Center. Contact your local John Deere dealer if you have questions or want to learn more.

X SERIES COMBINES SPECIFICATIONS

MODEL	X9 1000	X9 1100
ENGINE		
Type	John Deere PSS 13.6L	John Deere PSS 13.6L
Displacement (L/cu. in.)	13.6/830	13.6/830
Fuel Capacity (L/gal.)	1249/330	1249/330
Rated Speed (rpm)	1900	1900
Rated Power (kW/hp) @ Rated Speed	410/549	450/603
Peak Power @ Rated Speed (kW/hp)	470/630	515/690
FEEDING		
Drive Type	Fixed or Variable	Fixed or Variable
Conveyor Chain Slat Type	Four-strand chain with formed steel slats	Four-strand chain with formed steel slats
Width (mm/in.)	1720/67.7	1720/67.7
Feed Accelerator, Stone Trap (FAST)	Eight-wing chevron FAST	Eight-wing chevron FAST
Reverser	Modulated feederhouse reverser	Modulated feederhouse reverser
THRESHING/SEPARATING		
Separator Type	Dual rotor	Dual rotor
Rotor Length (m/ft.)	3.5/11.5	3.5/11.5
Rotor Diameter (cm/in.)	60/24	60/24
Rotor Speed Range (rpm)	300-1300	300-1300
Concave Area (m2/ft2)	1.6/17.22	1.6/17.22
Separating Area (m2/ft2)	3.6/38.75	3.6/38.75
Discharge Grate Area (m2/ft2)	0.45/4.85	0.45/4.85
CLEANING		
Front Chaffer (m2/ft2)	0.97/10.4	0.97/10.4
Chaffer (m2/ft2)	3.13/33.69	3.13/33.69
Sieve Area (m2/ft2)	2.87/30.89	2.87/30.89
Total Cleaning Area (m2/ft2)	6.97/75.02	6.97/75.02
Cleaning Fan Speed (rpm)	570-1430	570-1430
GRAIN HANDLING		
Grain Tank Size (L/bu.)	14800/420	16210/460
Unloading Auger Length (m/ft)	7.9/26, 8.7/28.5 or 9.45/31	7.9/26, 8.7/28.5 or 9.45/31
Unloading Rate (L/sec. / bu/sec.)	159/4.6	186.7 / 5.3
FRONT END EQUIPMENT COMPATABILITY		
CR RIGID CORN HEADS		
C12R (Can Add Stalk Deflectors)	X	X
C16R (Can Add Stalk Deflectors)	X	X
C18R (Can Add Stalk Deflectors)	X	X
C12R StalkMaster (Can Add Stalk Deflectors)	X	X
C16R StalkMaster (Can Add Stalk Deflectors)	X	X
C18R StalkMaster (Can Add Stalk Deflectors)	X	X
CF FOLDING CORN HEADS		
C12F	X	X
C16F	X	X
C18F	X	X
C12F StalkMaster	X	X
C16F StalkMaster	X	X
C18F StalkMaster	X	X
RDF HYDRAFLEX DRAPERS		
RD35F	X	X
RD40F	X	X
RD45F	X	X
HDR RIGID CUTTERBAR DRAPERS		
HD35R	X	X
HD40R	X	X
HD45R	X	X
HD50R	X	X
BP BELT PICKUP		
BP15	X	X

MODEL	X9 1000	X9 1100
TRACKS		
30" Tracks - 3.8 m width and 3.0 m CTF	X	X
30" Tracks (no width restriction)	X	X
36" Tracks (no width restriction)	X	X
FRONT TIRES		
IF 800/60R38 CFO+ 193A8 R-1W	X	X
VF 900/60R38 CFO+ 193A8 R-1W	X	X
IF 1100/50R42 CFO 197B R-1W	X	X
LSW 1100/45R46 CFO 195D R-1W	X	X
VF 580/85R42 CFO 183B R-2 Duals	X	X
VF 580/85R42 CFO 183B R-1W Duals	X	X
IF 580/85R42 CFO 178A8 R-1W Duals	X	X
650/85R38 173A8/B R-1W Duals	X	X
650/85R38 173A8 R-1W Duals	X	X
650/85R38 173A8/B R-1W Duals	X	X
650/85R38 176A8 R-1W Duals	X	X
VF 710/70R42 CFO 184B R-1W Duals	X	X
VF 710/70R42 CFO 193B R-1W Duals	X	X
REAR TIRES		
500/85R30 IMP 179A8/160A8	X	X
VF 620/70R26 CFO+ 173A8	X	X
VF 620/75R26 CFO 172B	X	X
VF 620/75R26 CFO 178D	X	X
VF 710/65R26 177D R-2	X	X
VF 750/60R30 CFO 180D	X	X
VF 750/65R26 CFO+ 180A8	X	X
VF 750/65R26 177B	X	X
VF 750/65R26 177D	X	X
VF 750/65R26 CFO 180B	X	X



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

Included with the purchase of your new John Deere X9 Combine, is a dealer network that leads the industry in service and support. Think of your John Deere dealer as a long-term partner, dedicated to keep you running from the moment you turn the key to your new machine. With expertly trained technicians, genuine John Deere parts, John Deere Connected Support and extended warranties, you'll receive the support and service you need.

Why Genuine John Deere Parts for your X9? Because they're engineered specifically for your machine and designed to provide the best efficiency, durability and performance. The quality we put into our machines also goes into our parts, so you can be sure that your machine will perform at the level you expect, acre after acre.



JOHN DEERE