

X SERIES COMBINES

X9 1000 and X9 1100



JOHN DEERE



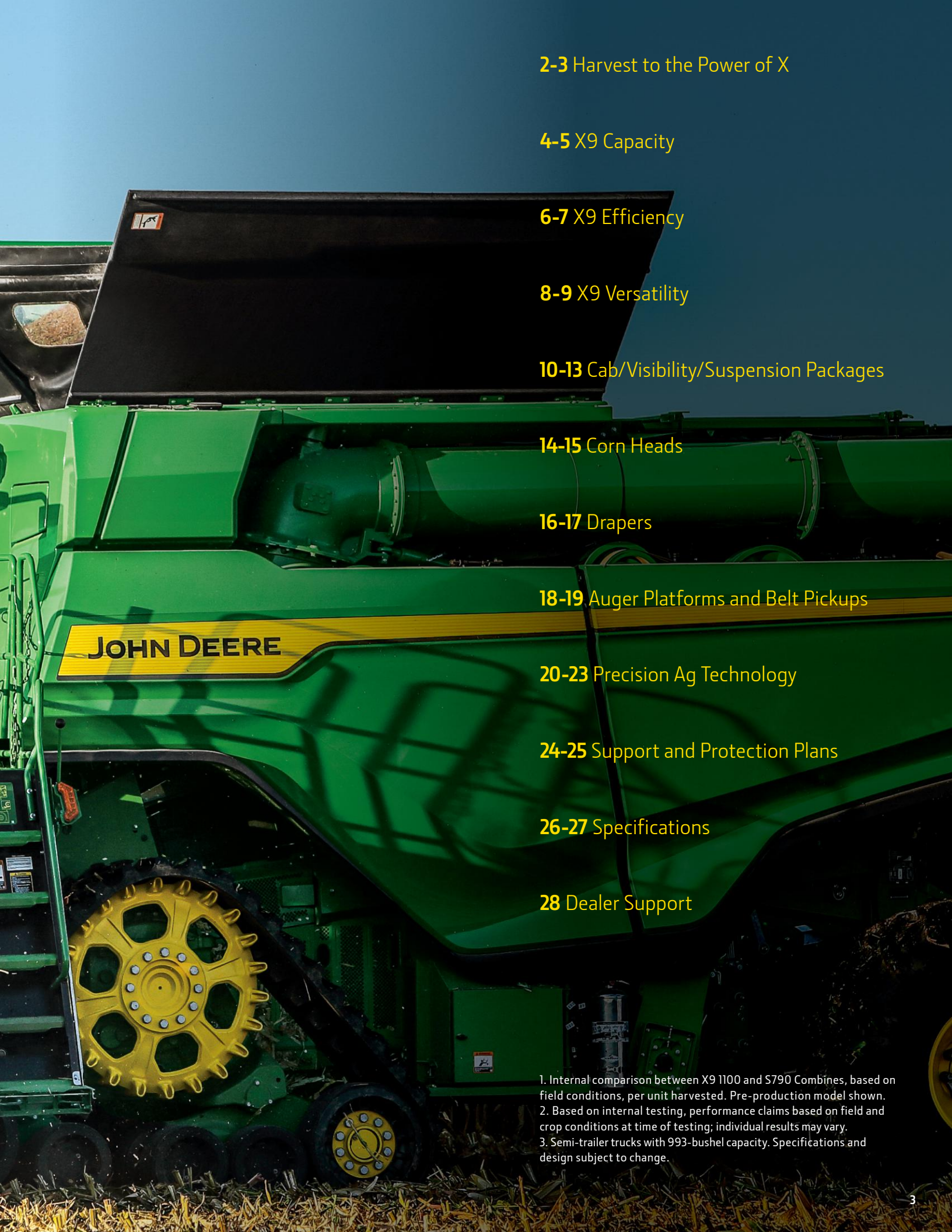
X SERIES COMBINES

UP TO 7,200 BUSHEL² PER HOUR IN HIGH-YIELDING CORN

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 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. 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) drapers¹.

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.



The cleaning system offers 36%² 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.

2. S790 with no front chaffer extension.

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 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 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 the 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 consumption¹.

Find out more at:

JohnDeere.com/X9 or [John Deere.ca/X9](http://JohnDeere.ca/X9)



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 VERSATILITY

YOUR FIELDS, YOUR CHOICE

No two fields are exactly the same. And when it comes to harvest season, you know what is needed to get the job done. Find the right fit for your fields and make each harvest season successful with an X9 combine.

Giving you flexibility in choice, X9 combines offer everything from integrated intelligence to your choice of either wheels or tracks to ensure you select the right options for your farm. Everything needed to control your combine is located at your fingertips with the ergonomic CommandARM™ Console. Plus, with Combine Advisor™ and ActiveVision™ Cameras*, you can improve your grain quality and reduce losses.

And when it's time to move to the next field, your ability to get there 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 faster¹.

These tracks – available with 30- or 36-inch (76- to 91-cm) wide belts – deliver better ride quality and ground following, thanks to the suspension cylinder and tandem bogie wheels. The wider track footprint improves flotation and compaction – plus there's no daily maintenance¹.

*Only available with Ultimate Technology Package

1. Internal comparison between X9 1100 and S790 Combines, based on field conditions, per unit harvested.





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	Appointed leather seat with electronic controls and lumbar support; left-hand and right-hand swivel; heated, ventilated; massaging feature
Foot rests	Foot rests	Auto-cinching door
Heat and air-conditioning vent at the base of the seat	Refrigerator	Foot rests
Five cupholders	Touchscreen radio (satellite and smart phone ready)	Refrigerator
Accessory rail with tablet mount	Five cupholders	Touchscreen radio (satellite and smart phone ready)
USB and power ports	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>



VISIBILITY PACKAGES AND SIGNATURE EDITION

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.



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 standing or 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" (15 cm) or less.



JOHN DEERE

C16F



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.

HEADERS

DRAPERS

Control where your grain goes and ensure you take as much crop with you to the elevator with one of our rigid or hinged drapers; select from 25 ft. to 50 ft. (7.62-15.2 m) models.

When it comes to harvesting in rolling terrain and terraces, our hinged frame drapers offer up to 45 inches of total wing range. Flexing 22.5 inches up and down from center, these drapers ensure you get a smooth cut following the contour of the ground to help you minimize 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.





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HD50R

HEADERS

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.





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X9

1100

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 AutoPath™ and Combine Advisor,* to guidance options that range from an integrated receiver for hands-free steering and tractor/grain cart control — the X9 delivers! 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.

OPERATIONS CENTER MOBILE

Manage your harvest from anywhere with the Operations Center mobile 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.

Apps are available on the Apple App or Google Play™ store.

SELECT	PREMIUM	ULTIMATE
Integrated StarFire 7000 Receiver Generation 4 CommandCenter™ 4600 Display	Everything in the Select Package	Everything in the Select and Premium Packages
<ul style="list-style-type: none">AutoTrac™ guidanceDocumentationData Sync	Premium Activations for Generation 4 CommandCenter	Machine Sync
Harvest Smart™	Active Terrain Adjustment™	Combine Advisor™ with ActiveVision™ and Auto Maintain
Connect Mobile ready	AutoTrac RowSense™	
	In-field Data Sharing	

*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.

12:04

FM 97.3
AM 97.3
Classic Rock

70s on 7 SXM 1 Lithium SXM 2 Octane SXM 3 xL Turbo SXM 4 Garth SXM 5 PrimeCry SXM 6

Work Monitor

Leads

Current #9

Dry Yield 0.00 ac

Wet Weight 0.00 lb

Moisture 0.00 %

Field Totals

Corn

Area Worked	7.76 ac
Time Worked	00:35
Fuel	0.0 gal
Moisture Avg	23.11 %
Wet Yield Avg	247.92 bu/ac
Dry Yield Avg	224.0 bu/ac

Counters A

43.69 ac

14.6 ac/h

0 bu/h

10-08-2019

Warning icons: Fuel, Oil, Air, Temp, etc.

Guidance

Location: Power plant Field

Machine: 0.0 cal/h

Machine: 0.0 gal/h

Next Turn: 90 Degree

Swap

10:26

180°

0 in

0

AUTO, WORK, AUTOBAC, OFF, GUIDANCE, SWAP TRACK, ADVISOR, RESIDUE



PRECISION AG TECHNOLOGY

TECHNOLOGY THAT ALLOWS YOU TO HARVEST CONSISTENTLY BETTER

SHARE AND SYNC

With Automation 4.0, you'll get an impressive array of precision tools to help your harvest run more smoothly. To start, AutoPath™ software guides the combine along guidance lines created from the location of planted rows in the field. You'll also get in-field logistics like grain tank fill status and location of all combines and tractors in the network while Machine Sync helps automate on-the-go unloading. Plus, with the CommandCenter Premium Activation 3.0, In-field data sharing lets you easily see where another combine has already been and share yield maps between combines.

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™ 7000 Receiver and SF-RTK signal*.

* Compared to SF3 signal



COMBINE ADVISOR™

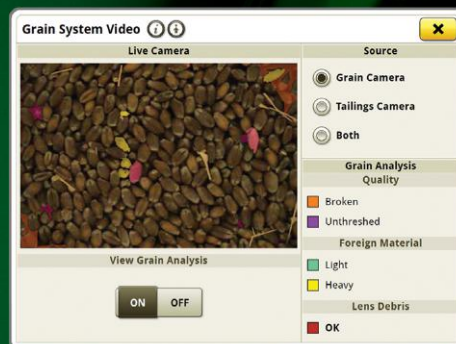
Further improve grain quality and reduce losses with the optional Combine Advisor package. It automatically compensates for changing conditions like wet straw and weeds, even if you can't see them.

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

Your John Deere dealer makes sure to put the right people behind the parts counter. People who know the ins and outs of your machine and understand that each John Deere owner is different. Knowledgeable and trained, they can guide you to the right part to fit your budget. So, when you walk out the door, you can feel confident you've made the right decision.

** 12 month/unlimited hour warranty on new OEM agricultural parts installed by an authorized John Deere Dealer. 6 month/unlimited hour warranty for all new John Deere agricultural and turf equipment parts. See John Deere Service Parts Warranty US & Canada and participating dealers for more details.

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

THE JOHN DEERE DIFFERENCE

- Right Part for Any Budget
- Highly Trained Expert Technicians
- 12 Months Parts & Labor Warranty**
- Short & Long Term Financing Options***



PARTS & UPGRADES

ActiveYield™

Save time making calibration decisions with ActiveYield. This system replaces manual calibrations by measuring the grain and automatically calibrating as the tank fills.

4WD Kits

Overcome mud, muck or other tough harvest conditions with a 2-Speed, 4WD conversion kit. Get a competitively priced OEM kit that was designed for your machine.

RowMax Chain Kits

Designed exclusively for the 700C/FC corn heads – and available as a retrofit for MY12-17 600C/FC corn heads – RowMax boosts row unit life by up to 50% with an advanced gathering chain featuring 12 additional links, two more sprocket teeth, and upgraded solid alloy bushings.

Stalk Rolls

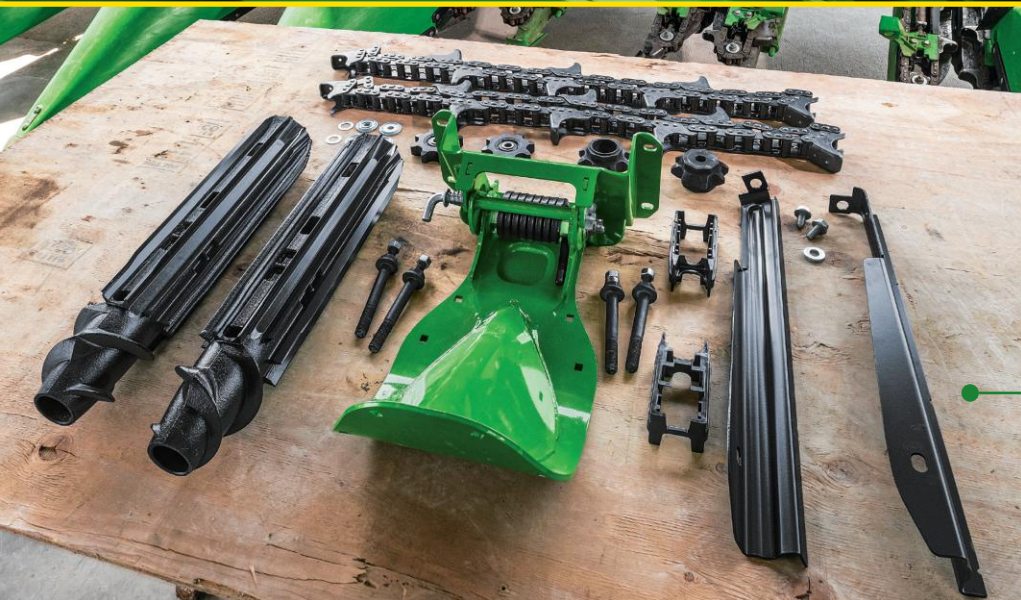
Featuring 10 intermeshing knives, the chopping stalk roll can size most stalk residue to less than 6 inches. Other stalk rolls include straight fluted, opposed knife and intermeshing knife. All offer 25% more life with an improved wear coating.

Stalk Deflectors

Sitting behind each row or just in front of the combine tires, stalk deflectors protect combine tires and tracks from tough corn hybrids.

Draper Feeding Enhancements

Rigid and flex draper upgrades that enhance productivity in bushy crops like field peas, canola, and mustard include top crop conveying auger, feed drum anti-wrap kit, center section seal kit and HydraFlex™ side knife.



CAB ENHANCEMENTS



A. Foot Rests

Improve comfort while harvesting with this simple upgrade.

B. Heated Floor Mat

Keeps you warm by conducting heat directly over you feet from an internal heating element.

C. Grain Tank Mirror Kit

Add the Grain Tank Mirror Kit to any X Series Combine to increase visibility of the grain tank.

X SERIES COMBINES SPECIFICATIONS

MODEL	X9 1000	X9 1100
ENGINE		
Type	JD14 (13.6L-827 cu.in)	JD14 (13.6L-827 cu.in)
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
VF1100/45R46 CFO 201D R-1W	X	X
VF1250/35R46 CFO 202B R-2	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



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

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

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