F8 & F9 SERIES

Self-Propelled Forage Harvesters

JOHN DEERE

SAY HELLO TO THE ALL-NEW F8 AND F9

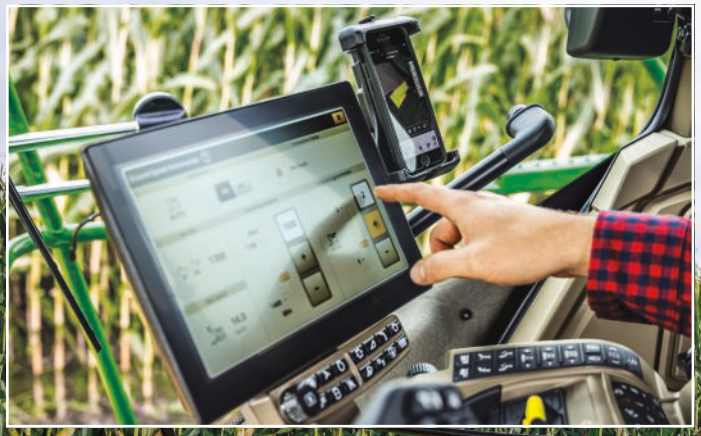
The sleek new lines give it away. Yep. This is a brand-new chopper. Redesigned from the ground up with new automation capabilities like Ground Speed Automation. New kernel processing (KP) performance with a larger 12-inch (30.5-cm) option. And a new cab that comes with more comfort, more space, and more integrated technology than any other SPFH we've ever built.

INTEGRATED TECHNOLOGY? WELL, THAT'S AUTOMATIC.

We didn't design the new F8 and F9 for today. We designed them for tomorrow by stuffing them with integrated precision technology. Every harvester now comes with a G5 CommandCenter™ Display and a StarFire™ 7500 Receiver. Technology that not only reduces stress and increases productivity but also opens new doors to future guidance and automation tools.

G5PLUS COMMANDCENTER™

Bigger. Faster. Clearer. The G5Plus Display gives you extra space to see and do more, with a 35% larger screen space and a 3x faster processor for faster boots. And a crisp, 1080p high-definition resolution gives you visual clarity in any condition[1].



[1] Compared to previous models.

STARFIRE™ 7500 RECEIVER WITH SF-RTK

The StarFire 7500 – with SF-RTK – delivers next-generation performance and dependability. A multi-constellation satellite signal reduces time to achieve full accuracy up to 2.5 cm. Long-term repeatability minimizes guidance line, coverage, and boundary drift year after year. And compared to previous models, the 7500 delivers up to 73% faster pull-ins.

JOHN DEERE OPERATIONS CENTER™ MOBILE

Manage your harvest from anywhere with the Operations Center Mobile app. Remotely view your harvest data and track machine locations, fuel levels, and more.

HARVEST MORE.
WORRY LESS.

Work smarter, not harder. Ever hear that? We have, which is why we equipped our new choppers with a variety of automation technologies to help you focus on the tasks that matter.

PROTOUCH HARVEST

Start harvesting faster than ever with ProTouch Harvest. Preconfigured for corn, grass, and whole crop silage, ProTouch Harvest uses just one click to engage six harvester functions in an adjustable sequence. Whether headed into the field or heading home, that saves you time by reducing operator interactions.

GROUND SPEED AUTOMATION

Say goodbye to constantly adjusting your speed according to field conditions. Ground Speed Automation automatically adjusts harvester speed and engine RPM according to your preset limits on engine load. Automatically optimizing your speed helps to reduce fuel use and improve productivity.

ACTIVE FILL CONTROL

Improved over previous systems, Active Fill Control gives you automated 3D filling to ensure even fills in your trucks or trailers – day or night. By reducing operator tasks, you can help minimize silage loss. That's especially important in challenging field conditions.

HARVESTLAB™ 3000

The key component to consistent, high-quality silage is the HarvestLab 3000 moisture sensor. It mounts easily to the top of the spout and takes real-time moisture readings of the crop. Moisture levels are measured 4,000 times per second using Near Infrared (NIR) Technology that gives you readings that aren't affected by humidity or atmospheric conditions. This information allows you to select the best length of cut and the application rate of any inoculants and precisely measure the amount of crop harvested. Requiring no setup, HarvestLab 3000 is factory calibrated and will work in a variety of crops.

CONSTITUENT SENSING

When using the expanded Constituent Sensing capability in corn, grass, or alfalfa, you can predict crude protein, starch, and fiber (ADF/NDF), which are important nutrient factors in livestock feed. With HarvestLab 3000's real-time analysis, you and your nutritionist can quickly and easily determine feed rations and make adjustments on a daily basis to improve feed quality. These constituents can be easily monitored on your G5 Display or from John Deere Operations Center.

REAL-TIME HARVEST ANALYSIS

Dry matter content of crops can vary from one side of the field to another. That's why we gave the F8 and F9 advanced tools to take out guesswork, hunches, and past harvests to determine what length to cut.

NEW INTEGRATED DOSING SYSTEM 2.0

Nutrient value matters. That's why we improved our Integrated Dosing System, giving it advanced pumps to provide a broader range of dosing options. The High-Volume (HV) system offers a 14% wider dosing range, while the Low-Volume (LV) system boasts an impressive 75% wider range[1]. Additionally, the LV system is now insulated to keep inoculants cool, even on the hottest days. We also gave both systems an automated self-cleaning mechanism that makes cleaning fresh water and inoculant tanks easier.

[1] Compared to current production.

BUILT TO CRUSH

When we designed our kernel processors, we kept a simple truth in mind: wider rolls, larger diameter, and increased speed create a thinner crop with more processing. That's important for digestibility and why we increased the processing surfaces of our already proven KPs. And we gave them new slide-in installation for fast changing, all to keep you crushing nutrient values and crop processing scores.

	JD Ultimate[250] KP™	XSTREAM[305]™ KP
BASE FEATURES		
Housing	Standard KP housing	Heavy-duty housing with KP roll quick-exchange system
Lubrication	Grease lubrication	Pressurized oil lubrication
Roll diameter	10 in. (250 mm)	12 in. (305 mm)
Speed differential	40% or 50%	40% or 50%
OPTIONS		
Bearing temp. monitoring system	■	■
KP ROLLS		
DuraLine Sawtooth	■	■
DuraLine XCut	■	■
Small Grains/Sorghum	–	■

JOHN DEERE ULTIMATE[250] KP

Our new 10-inch (250-mm) Ultimate KP boosts 11% more effective surface on standard body and 14% on wide body[1]. A wider and larger diameter roll surface ensures superior processing capabilities and extended durability.

XSTREAM[305]™ KP

The 12-inch (305-mm) XStream KP takes performance to the next level, offering a 52% larger processing surface for standard body and a 56% larger surface for wide body[1]. That gives you top-tier processing efficiency and enhanced component life span.

[1] Compared to previous models.

DURA-DRUM™ CUTTERHEAD

The larger diameter of John Deere's Dura-Drum cutterhead creates faster crop flow, which makes a big difference when you're working at various chop lengths. The net result is higher throughput at lower RPMs.

The combination of the new shearbar adjustment and revised knife design uses the full width of the tungsten coating without having to readjust the knives. That's less work for you and the knives.

By increasing the length of the tungsten carbide coating, knives last longer and operating costs are lower. And the knife holders are designed to create a more uniform and focused crop stream. They also optimize the point of exit for the crop, helping to reduce the overall power demand of the crop flow. When you're chopping nonstop, that adds up to significant fuel savings.

PROSTREAM™: HIGH POWER, LOW FRICTION

The ProStream crop flow is designed with extra heavy-duty components for even higher engine horsepower outputs and a throughput capacity of more than 400 tons per hour[1]. The smooth, gentle arc of the channel minimizes resistance for an even crop flow stream and lower wear.

REVERSE-MODE KNIFE SHARPENING

This feature results in exceptional sharpening of the knives. Sharpening in reverse maintains the bevel of the knife so it remains sharper longer during harvest.

QUICK STOP SYSTEM

Within 85 milliseconds, a hydraulic system instantaneously switches off the feedrolls without the stresses of traditional mechanical linkages.

DURA LINE™ TOUGH

Dura Line-coated parts help reduce operating costs by giving you long-lasting performance and unmatched durability on critical high-wear parts. We even guarantee it – up to 1,500 engine hours or 3 years.

EXTRA-FINE SHEARBAR ADJUSTMENT

The adjustment pivoting point is positioned far below the shearbar, ensuring minimum horizontal change when adjusting the shearbar to worn knives.

SMOOTH, EVEN CROP FLOW

When you're chopping an uneven swath, our feedroll dampening system compensates and smooths out the crop mat for even feeding and consistent length of cut.

FEEDROLL ADVANTAGE

Four feedrolls, perfectly synchronized with the header, produce a smooth crop flow; springs ensure a flat crop mat for perfect cutting quality.

HIGH-QUALITY, HEAVY-DUTY BEARINGS

The extra-strong bearings are designed for loads and throughput much higher than they'll ever have to bear.

[1] Based on internal John Deere study than benchmarked more than 400 tons per hour.


JOHN DEERE

HEAVY-DUTY ENGINES
FOR HEAVY-CROP CONDITIONS

COOLER BY DESIGN

The longitudinal layout of John Deere SPFHs eliminates the need for the large and power-intensive cooling packages that transverse engines require. More of the engine's surface area is closer to the outer edges of the machine, unobstructed by other components. Cool air is drawn in through the channels behind the cab and is guided along the sides of the engine to the exits at the rear and the sides. Bottom line: efficient cooling with fewer components.

HARVESTMOTION™

Now, all F8 and F9 SPFHs feature HarvestMotion. It's an exclusive John Deere concept that enables low engine RPMs to deliver more torque and horsepower with lower fuel consumption.[1] A flat power curve and torque bulge prevent engine stalling, while all component speeds are optimized for low-RPM operation.

24L LIEBHERR V12 ENGINE

The 24L Liebherr V12 Engine has extensive years and hours of testing under its belt. Exceptional 1,000-hour service intervals give you more uptime and fewer costs.

[1] Compared to power plants without HarvestMotion.

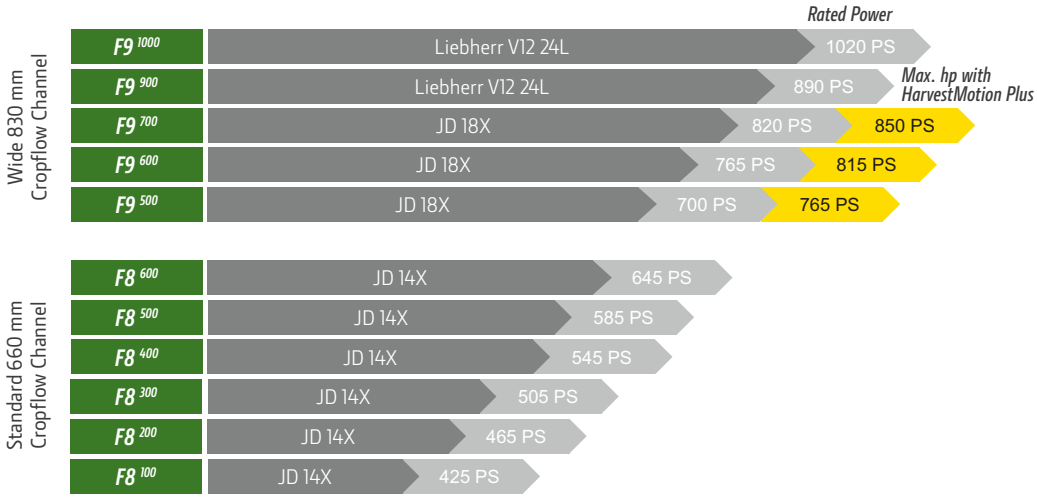
Power. Throughput. Output. When it comes to your SPFH, you want it all – and that's exactly what all three available engines give you. But we didn't stop with raw horsepower. We also threw in smart technologies to help you get more out of less. Technologies like Engine Power Adjust, which reduces engine power when not needed to save fuel. And HarvestMotion™ Plus, which delivers more horsepower at lower RPMs[2].

PRODRIVE™ – A TRANSMISSION BENCHMARK

ProDrive provides automatic shifting across two pre-set speed ranges in which you select a speed that will be maintained continuously, even when you're harvesting downhill on slopes.

There's no gear lever. Just a master control lever you push to move. Braking is easy, too – just pull back the lever to automatically engage two brake units and the parking brake.

POWERFUL EFFICIENCIES TO GET MORE WORK DONE FOR LESS



[2] Compared to power plants without HarvestMotion Plus.

BIGGER TIRES, BETTER GRIP

With tire diameters up to 84.6 in. (215 cm), F8 and F9 harvesters offer phenomenal 20-in. (50.8-cm) ground clearance. And with tire pressure as low as 14.5 PSI, you have a simple and efficient formula that gives you more flotation and less compaction while still allowing you to zip along at speeds of up to 25 mph (40 km/h) on the road.

HEAVY-DUTY FRONT WHEEL MOTOR

With a 170 cc front motor (standard), you'll get up to 9% more rim pull, plus better field and road performance.[1]

[1] Compared to previous models.

GROUND DRIVE EVOLUTION

When the rubber hits the row, you can have confidence you've got the traction – and flotation – that's right for your field conditions. From a new tire inflation system to a wide choice of tires, you can always expect a winning ground game.

CENTRAL TIRE INFLATION SYSTEM

Improving soil compaction and gaining better traction in the field is now easier than ever with the new Central Tire Inflation System. Using a 2-cylinder, 750 cc air compressor, you can change front tire pressure in less than five minutes – right from your cab. Perfect for fast conversion from field to road and back – and more comfortable.

INCREASED STEERING ANGLE

To give you more maneuverability, we increased the turning radius on most machines by 17% maximum. A new kingpin design features a wheel angle sensor, an updated protection cover, and improved greasing, with two independent grease points.

YEAH, YOU CAN CALL IT HOME.

You spend hours providing for your animals, so we spent hours coming up with a whole new cab. Larger than any previous model, the F8 and F9 cabs give you more space, more comfort and convenience, and more visibility. And a new, larger corner display – with higher resolution than previous models – makes it easy to see more information on the go.

NEW HYDRO HANDLE COMMANDARM™

More ergonomic, more available functions, and more configurable buttons.[1] The new HydroHandle CommandARM is the most comfortable controller we've ever made, designed to reduce fatigue after long hours in the field.

SEAT OPTIONS

COMFORT & CONVENIENCE	SELECT	PREMIUM	ULTIMATE
Seat	**Vision Select Cloth** Mechanical Controls Mechanical Lumbar 0°LH / 16°RH Swivel	**Vision Premium Cloth** Electronic Controls Pneumatic Lumbar 16°LH / 16°RH Swivel	**Vision Ultimate Leather** Electronic Controls Pneumatic Lumbar 16°LH / 16°RH Swivel Heated/Ventilated Active Fatigue Prevention Adjustable Bolsters

SUSPENSION	PREMIUM (= BASE)	ULTIMATE
	Air Seat	Active Seat II*

**Requires Premium or Ultimate C&C package*

[1] Compared to previous models.

COMFORT PACKAGES

COMFORT & CONVENIENCE		SELECT	PREMIUM	ULTIMATE
Seat		**Vision Select Cloth** Mechanical Controls Mechanical Lumbar 0°LH / 16°RH Swivel	**Vision Premium Cloth** Electronic Controls Pneumatic Lumbar 16°LH / 16°RH Swivel	**Vision Ultimate Leather** Electronic Controls Pneumatic Lumbar 16°LH / 16°RH Swivel Heated/Ventilated Active Fatigue Prevention Adjustable Bolsters
Infotainment	**AM/FM Basic Radio** 2 Speakers with *Bluetooth*® Function	○	○	
	6.5" Touchscreen App Radio, XM Ready 3 Speakers with Subwoofer with *Bluetooth*® Function		Option	○
Included In base		Business Band Ready, 6 USB & 3 12-Volt sockets, Dual Tilt Column, Foot Pegs		
Display Mounting Rail		Dealer Install Option	Dealer Install Option	Dealer Install Option
Refrigerator		Option	○	○
Carpeted Floor Mat				○
Electric Door Cinch			Option	Option
Green Styling panels			○	○

SEE MORE.
DO MORE.

Hey, sometimes days go long. That's why we offer three visibility packages so you can choose the lighting platform that works best for you. All F8 and F9 cabs sport forward-facing work lights, two high/low center lights, two service compartment lamps and, for extra safety, a ladder light. Six to 10 (depending on package) LED work lights keep you working as late as you need.

68%
BETTER LIGHTING[1]

VISIBILITY PACKAGES		SELECT	PREMIUM	ULTIMATE
Lighting	Cab Lights	Halogen High + Low Beam 4 Halogen Work Lights	LED High + Low Beam 4 LED Work Lights 2 LED Row Finder Lights	LED High + Low Beam 4 LED Work Lights 2 LED Row Finder Lights
	Vehicle Lights	6 LED Work Lights (Update: Vehicle Controllers Not Supporting Halogen)	8 LED Work Lights 4 LED Lights In Fascia	10 LED Work Lights 4 LED Lights In Fascia
	Vehicle Service Lights	1 LED Ladder Light 2 LED Service Compartment Lights	1 LED Ladder Light 2 LED Service Compartment Lights 1 LED Cutterhead Light 5 LED Engine Compartment Lights	1 LED Ladder Light 2 LED Service Compartment Lights 1 LED Cutterhead Light 5 LED Engine Compartment Lights
Mirrors		Mechanical	Electric, Heated, Wide-Angle	Electric, Heated, Wide-Angle
Sunshades		Front	Front, Rear	Front, Rear, Right
Wipers		Front	Front, Sides, Rear	Front, Sides, Rear
Camera**	Rear	Option	○	○
	Spout	Option	Option	○

**Multiple Cameras Require G5[PLUS] (= Premium Or Ultimate Display Package) Or Dealer-Installed Extended Displays

[1] Compared to previous models.

A HEAD
FOR ANY CROP

Designed for radical efficiency and total reliability, our Pro Series Rotary Headers feature self-centering attaching points, a single lever-locking mechanism, and a multi-coupler for all hydraulic and electrical connections. And "header recognition" does away with recalibration after header changes.

HAY PICKUPS

Improve productivity in tough harvesting conditions with a John Deere hay pickup. Choose between one of the proven 6x9 series pickups or go with the new R-Series Pickup to increase speed while still maintaining a smooth crop flow.

F8/F9 TECHNICAL DATA

SPFH MODEL	F8 100	F8 200	F8 300	F8 400	F8 500
Engine Specifications					
Engine	John Deere JD14X 6136				
Type	Inline 6-cylinder, wet liners, valve-in-head, turbocharged, air-to-air intercooled				
Engine Power (ECE R120) kW (PS) (hp)	313 kW (425 PS) (420 hp)	342 kW (465 PS) (459 hp)	372 kW (505 PS) (448 hp)	401 kW (545 PS) (537 hp)	430 kW (585 PS) (577 hp)
Max. Engine power with HarvestMotion™ Plus					
Displacement	13.55 l (827 in³)				
Cylinder Bore	132 mm (5.20 in)				
Cylinder Stroke	165 mm (6.50 in.)				
Turbocharger	Single-stage turbo (SST)				
Rated Engine RPM	2000 rpm				
Fuel System	High-pressure common rail fuel system				
Exhaust Emission Regulation Compliance	Final Tier 4/Stage V (Tier 3/Stufe III A)				
Exhaust Emission Regulation	DOC+DPF+SCR (Stage V), DOC+SCR (Final Tier 4), No exhaust aftertreatment (Tier 3/Stufe III A)				
Maintenance Interval	500h				
Fuel Tank	Standard - 1100 l (290 gal), Option - 1450 l (383 gal)				
DEF Tank (Final Tier 4/Stage V engine)	151 l (39.9 gal)				
Engine Cooling Fan Drive	Fixed fan drive				
Engine Cooling Screen Cleaning System	Rotary radiator screen with active suction blower				
Air Compressor	Optional 1 Cylinder 350cc, water cooled 2 Cylinder 720cc, water cooled				
Lubrication	Standard: Central Grease System				
Driveline					
Main Clutch	Hydraulically operated dry-type disk clutch with 2 clutch disks				
Main Drive Belt	5 grooves				
Main Clutch Start	Hydraulic				
Ground drive					
Transmission	Two-speed transmission (ProDrive™ 2Shift) & (ProDrive™)				
Maximum Travel Speeds	20 km/h (12.5 mph) in field mode, 40 km/h (24.8 mph) in road mode				
Brakes	Electro-hydraulically operated wet disk-type				
Rear Axle	Medium-duty (8.5 t) two-wheel drive Medium-duty (8.5 t) four-wheel drive Heavy-duty (11.5 t) four-wheel drive				
Electrical System					
Alternators	12 V, 90–200 A				
Battery	2x 154 Ah (in parallel)				
Header Connection					
Infinitely Variable Header Drive	Standard				
Lateral Pivoting Frame	Standard				
Multicoupler	Standard				
Automatic PTO Coupler	Optional				
Float Mode	Standard				
Header Height Control	Optional Automatic Header Control (AHC)				
Gras-Pickups (Transport Width)	3.0 m, 3.49 m, 4.0 m, 4.5 m, 4.6 m				
Corn Headers	6, 8, 10 or 12 row (4.5 m, 6.0 m, 7.5 m or 9.0 m working width)				

Specifications and design subject to change without notice. Values are based on factory observed data.

F8/F9 TECHNICAL DATA

F8 600	F9 500	F9 600	F9 700	F9 900	F9 1000
John Deere JD14X 6136	John Deere JD18X 6180			Liebherr D9512	
Inline 6-cylinder, wet liners, valve-in-head, turbocharged, air-to-air intercooled				12-cylinder V-engine, wet liners, valve-in-head, turbocharged, air-to-air intercooled	
475 kW (645 PS) (636 hp)	515 kW (700 PS) (690 hp)	562 kW (765 PS) (757 hp)	603 kW (820 PS) (809 hp)	655 kW (890 PS) (879 hp)	750 kW (1020 PS) (1006 hp)
	563 kW (765 PS) (765 hp)	600 kW (815 PS) (805 hp)	629 kW (850 PS) (843 hp)		
13.55 l (827 in³)	18.0 l (1098 in³)			24.2 l (1477 in³)	
132 mm (5.20 in)	148 mm (5.82 in)			128 mm (5.04 in)	
165 mm (6.50 in.)	174 mm (6.85 in)			157 mm (6.18 in)	
Dual-stage turbo (DST)				Dual single-stage turbo (SST)	
2000 rpm	1800 rpm				
High-pressure common rail fuel system				Common-rail fuel system	
Final Tier 4/Stage V (Tier 3/Stufe III A)	Final Tier 4 / Stufe V				
DOC+DPF+SCR (Stage V), DOC+SCR (Final Tier 4), No exhaust aftertreatment (Tier 3/Stufe III A)	EGR Only			SCR Only	
500h	750h			1000h	
Standard - 1100 l (290 gal), Option - 1450 l (383 gal)	1500 L (396 gal)				
151 l (39.9 gal)	No DEF tank			151 L (39.9 gal)	
Fixed fan drive					
Rotary radiator screen with active suction blower					
Optional 1 Cylinder 350cc, water cooled 2 Cylinder 720cc, water cooled				Standard 2 Cylinder 720cc, water cooled	
Standard: Central Grease System					
Hydraulically operated dry-type disk clutch with 2 clutch disks	Hydraulically operated dry-type disk clutch with 3 clutch disks				
5 grooves	8 grooves			9 grooves	
Hydraulic					
Two-speed transmission (ProDrive™ 2Shift) & (ProDrive™)	Two-speed transmission (ProDrive™)				
20 km/h (12.5 mph) in field mode, 40 km/h (24.8 mph) in road mode					
Electro-hydraulically operated wet disk-type					
Medium-duty (8.5 t) two-wheel drive Medium-duty (8.5 t) four-wheel drive Heavy-duty (11.5 t) four-wheel drive	Heavy-duty (11.5 t) four-wheel drive Heavy-duty (11.5 t) two-wheel drive Heavy-duty (11.5 t) two-wheel drive (4WD ready)				
12 V, 90–200 A	12 V, 200 A, 24 V, 140 A				
2x 154 Ah (in parallel)	1x 154 Ah, 2x 154 Ah (in series)				
Standard					
Standard					
Standard					
Optional					
Standard					
Optional Automatic Header Control (AHC)					
3.0 m, 3.49 m, 4.0 m, 4.5 m, 4.6 m					
6, 8, 10 or 12 row (4.5 m, 6.0 m, 7.5 m or 9.0 m working width)					

Specifications and design subject to change without notice. Values are based on factory observed data.

F8/F9 TECHNICAL DATA

SPFH MODEL	F8 100	F8 200	F8 300	F8 400	F8 500
Feeding System/Feedrolls					
Feedroll Frame Opening	Swing away, 37-45 degree (angle) / V-Opening				
Number of Feedrolls	Four				
Metal Detector	Standard				
Stone Detector	Optional				
Feedroll Options	Spiral Upper Front Feedroll (optional) Heavy Duty Lower Front Feedroll (optional) Aggressive Upper Rear Feedroll (optional)				
Crop Flow Channel Width	660 mm				
Hydraulic Drive with Infinitely Variable Header Drive Speed	Standard				
Cutterhead					
Cutterhead (width/diameter)	680 mm / 670 mm				
Speed at Rated Engine Speed	1,100 rpm / 1,200 rpm (Option)				
Number of Knives	40 – 48 – 56 – 64				
Knife Types Available (Crop Type)	Straight (grass / universal) Curved (corn)				
Shearbar Options	Grass, Corn, Dura Line Corn, Dura Line Plus				
Cutterhead Options					
40-knife Cutterhead	7-26 mm LOC in 1 mm steps/ 1,100 rpm				
48-knife Cutterhead	6-22 mm LOC in 1 mm steps/ 1,100 rpm				
56-knife Cutterhead	5-19 mm LOC in 1 mm steps/ 1,100 rpm 4-17 mm LOC in 1 mm steps/ 1,200 rpm				
Knife Sharpening System					
Reverse Sharpening	Standard				
Sharpening Startup	Remote from cab				
Sharpening Modes	Grinding and finishing				
Kernel Processor					
Kernel Processor Type	Ultimate^{250}™ KP, XStream^{305}™ KP				
Quick Removal KP System	Crane with remote controlled electric hoist				
Kernel Processor Options					
Ultimate250™					
Lubrication	Grease				
Roll Diameter	250mm				
Speed Differential	32% (option) 40% (standard) 50% (option) (standard for XCut)				
Corn, Duraline Sawtooth	115/150 or 150/150				
Corn, Dura Line™ XCut	115/150				
XStream305 ™					
Lubrication	Pressurized oil				
Roll Diameter	305 mm				
Speed Differential	40% or 50% 50% standard on Small Grains KP				
Corn, Duraline Sawtooth	150/180 or 180/200				
Corn, Duraline Xcut	150/180				
Small Grains KP	Toothcount N/A (used for sorghum, milo, etc.)				

Specifications and design subject to change without notice. Values are based on factory observed data.

F8/F9 TECHNICAL DATA

F8 600	F9 500	F9 600	F9 700	F9 900	F9 1000
Swing away, 37-45 degree (angle) / V-Opening					
Four					
Standard					
Optional					
Spiral Upper Front Feedroll (optional) Heavy Duty Lower Front Feedroll (optional) Aggressive Upper Rear Feedroll (optional)					
660 mm	830 mm				
Standard					
680 mm / 670 mm	850 mm / 670 mm				
1,100 rpm / 1,200 rpm (Option)	1,170 rpm / 1,350 rpm (Option)				
40 – 48 – 56 – 64					
Straight (grass / universal) Curved (corn)					
Grass, Corn, Dura Line Corn, Dura Line Plus					
7-26 mm LOC in 1 mm steps/ 1,100 rpm	7-25 mm LOC in 1 mm steps/ 1,170 rpm				
6-22 mm LOC in 1 mm steps/ 1,100 rpm	6-21 mm LOC in 1 mm steps/ 1,170 rpm				
5-19 mm LOC in 1 mm steps/ 1,100 rpm	4-18 mm LOC in 1 mm steps/ 1,170 rpm				
4-17 mm LOC in 1 mm steps/ 1,200 rpm	4-16 mm LOC in 1 mm steps/ 1,350 rpm				
Standard					
Remote from cab					
Grinding and finishing					
Ultimate250™ KP, XStream305™ KP					
Crane with remote controlled electric hoist					
Grease					
250mm					
32% (option) 40% (standard) 50% (option) (standard for XCut)					
115/150 or 150/150					
115/150					
Pressurized oil					
305 mm					
40% or 50% 50% standard on Small Grains KP					
150/180 or 180/200					
150/180					
Toothcount N/A (used for sorghum, milo, etc.)					

Specifications and design subject to change without notice. Values are based on factory observed data.

F8/F9 TECHNICAL DATA

SPFH MODEL	F8 100	F8 200	F8 300	F8 400	F8 500
Blower/Crop Accelerator					
Rotor Diameter/House Width	620 mm / 560 mm				
Number of Paddles	10				
Speed	1890 rpm				
Spout					
Rotation, Degrees	210° (optional with Spout Angle Plus 230°)				
Reach from Center Line (Option)	6 or 8 row- 4.73 m (15.5 ft.) 10 row- 5.87 m (19.3 ft.) 12 row - 6.71 m (22ft)				
Working Height (Maximum)	6.60 m				
Spout Camera	Optional				
Active Fill Control	Optional				
Cab					
Panoramic View Window	Standard				
Touchscreen-Display	G5 Command Center (Standard) G5^{PLUS} Command Center (Optional)				
Secondary Display (Optional)	G5^{PLUS} Extended Monitor				
Refrigerator	Standard				
Radio	AM/FM Basic with *Bluetooth*® (Standard) 6.5" Touchscreen AppRadio (Optional)				
Precision Ag Solutions					
Yield Monitoring	Harvest Monitor™ - Optional				
Documentation	Harvest Doc™ - Optional				
Crop Analysis	Optional with HarvestLab™				
Cutting Length Adjustment	AutoLoc™ optional with HarvestLab™				
Guidance	Optional: AutoTrac™ / Manual RowSense™ / AutoTrac™ RowSense™/Machine Sync				
Machine					
Front Tire Options					
Machine Width					
3.3 m (10.8 ft)	800/70 R38 800/70 R42				
3.5 m (11.5 ft)	900/60 R42				
Wide Stance/Over 3.5 m (11.5 ft)	710/70 R42 800/70 R38 800/70 R42 900/60 R42 Duals 520/85 R46				
Rear Tires	620/70 R30 650/60 R34 620/70 R30 620/75 R30 750/65 R26 710/60 R30 750/65 R26				
Machine Dimensions					
Transport Length (without header)	6.87 m (22 ft 6.3 in)				
Transport Height (to cab roof)	3.93 m (9 ft 10.1 in)				

Specifications and design subject to change without notice. Values are based on factory observed data.

F8/F9 TECHNICAL DATA

F8 600	F9 500	F9 600	F9 700	F9 900	F9 1000
620 mm / 560 mm					
10					
1890 rpm					
210° (optional with Spout Angle Plus 230°)					
6 or 8 row- 4.73 m (15.5 ft.) 10 row- 5.87 m (19.3 ft.) 12 row - 6.71 m (22ft)					
6.60 m					
Optional					
Optional					
Standard					
G5 Command Center (Standard) G5^{PLUS} Command Center (Optional)					
G5^{PLUS} Extended Monitor					
Standard					
AM/FM Basic with *Bluetooth*® (Standard) 6,5 " Touchscreen AppRadio (Optional)					
Harvest Monitor™ - Optional					
Harvest Doc™ - Optional					
Optional with HarvestLab™					
AutoLoc™ optional with HarvestLab™					
Optional: AutoTrac™ / Manual RowSense™ / AutoTrac™ RowSense™/Machine Sync					
800/70 R38 800/70 R42					
900/60 R42					
710/70 R42 800/70 R38 800/70 R42 900/60 R42 Duals 520/85 R46					
620/70 R30 650/60 R34 620/70 R30 620/75 R30 750/65 R26 710/60 R30 750/65 R26					
6.87 m (22 ft 6.3 in)					
3.93 m (9 ft 10.1 in)					

Specifications and design subject to change without notice. Values are based on factory observed data.

In this business, it's nice to know you can rely on John Deere Financial. Our roots in agriculture are deep, and we're proud of the long-standing relationships we have with our producers, based on loyalty and trust. When you need customized financing that fits your needs, trust John Deere Financial. Ask your dealer about John Deere financing today.

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