INTRODUCING

LEXION® 500 SERIES

POWER·PRECISION·PRODUCTIVITY

595R
590R
585R
580R
575R
570R
570
560R

Rotary and Straw Walker Combines

PRODUCTIVE HARVESTING

Productive harvesting is the characteristic that describes all nine LEXION 500 series combines. The line includes a full range of sizes: class 6, 7, 8 and the industry's only class 9. With industry-leading fuel economy and legendary Cat® engines (up to 462 hp for the class 9 combine), you can't go wrong with a LEXION.

LEXION 500 series combines are the most advanced in the industry. All rotary separation models feature a unique Hybrid System of APS threshing and RotoPlus twin rotor separation for thorough and gentle threshing and separation in even the toughest conditions.

The high level of productivity and ease of operation result from the combination of advanced technology and precise engineering. Make adjustments on-the-go from inside the comfortable cab. And harvest on your schedule, not the weather's, with the exclusive Mobil-Trac™ System (MTS) undercarriage with suspension.

Every Minute Counts At Harvest

That's why a new LEXION 500 series combine makes sense. Every function is designed to save time and effort. For starters, the LEXION 590 R can harvest 80 bushels of corn in about a minute. That's 4,800 bushels an hour. If you're a wheat grower, cut 30 bushels in about a minute or 1,800 bushels an hour. Unloading is just as fast and efficient, thanks to a new 28 ft. (8.5 m) auger, the longest in the industry. Unload 2.8 bushels of grain a second, or even 3.3 bushels standard on certain models. The 590 R and 595 R boast the largest, foldable grain tank in the industry with a holding capacity of 360 bushels.

Awards

For the second consecutive year, the LEXION 500 series combines have been honored with an outstanding engineering innovation AE50 award from the American Society of Agricultural and Biological Engineers (ASABE). The combines were recognized for the use of advanced technology to harvest multiple crops with a variety of LEXION header types and sizes to increase productivity by as much as 25 percent over previous models.

The LEXION 500 series was also recognized by Farm Industry News with a 2006 FinOvation Award. This prestigious award honors new and innovative products.

Feature for Feature, Nothing Can Match

	FEATURE	BENEFIT
Feederhouse (page 6-7)	**2 Lift Cylinders**	• Highest lift capacity in the industry
	Variable Speed Feederhouse Drive (optional)	• Allows you to adjust feederhouse and header speed to varying harvest conditions
	Header Pitch Feederhouse (optional)	• Gives you the ability to quickly set your header attachment at exactly the right angle without tools
Threshing System (pages 8-9)	**APS Cylinder (Accelerated Pre-Separation)**	• Preserves grain quality and maximizes performance by feeding crop to the main threshing cylinder at a consistent speed, angle, width and thickness • Up to 30 percent of the crop is pre-separated and goes directly to the cleaning system
	APS Concave Blocking Plate	• Improves threshing performance in difficult to thresh crops
	Parallel Concave Clearance	• No pinch points through the threshing system improves capacity and protects grain quality • Single adjustment point saves time and ensures a continuous parallel concave setting
	Hydraulic Overload Protection	• Automatically opens concaves to minimize the risk of plugging
Straw Walker Separation System (page 10)	**Multifinger Separation System (MSS)**	• Increases material agitation by combining through the crop mat for improved separation
	Impeller	• Spreads a uniform crop mat across the straw walker to ensure maximum separation
	Straw Walkers 6 Walkers (570)	• Widest straw walker separation system available
Rotary Separation System (pages 12-13)	**Dual Rotor Design**	• Superior productivity using high-capacity dual rotary separation
	Variable Speed Rotor (optional)	• Separation performance in matched to crop conditions
	Independent Speed Adjustment	• The speed of the separation rotors can be changed independently of the threshing system
Cleaning System (pages 14-15)	***JET STREAM*™ Cleaning System**	• A large cascade pre-cleaner, greater wind pressure and increased sieve area offer additional cleaning capacity
	Visible Returns Window	• Allows visual inspection of returns
	3-D Sieve System (optional)	• Reduces grain loss and protects grain quality when harvesting on slopes up to 20 percent
	Electric Sieve Adjustment	• Saves time by allowing you to make independent in-cab adjustments to sieve openings as conditions change

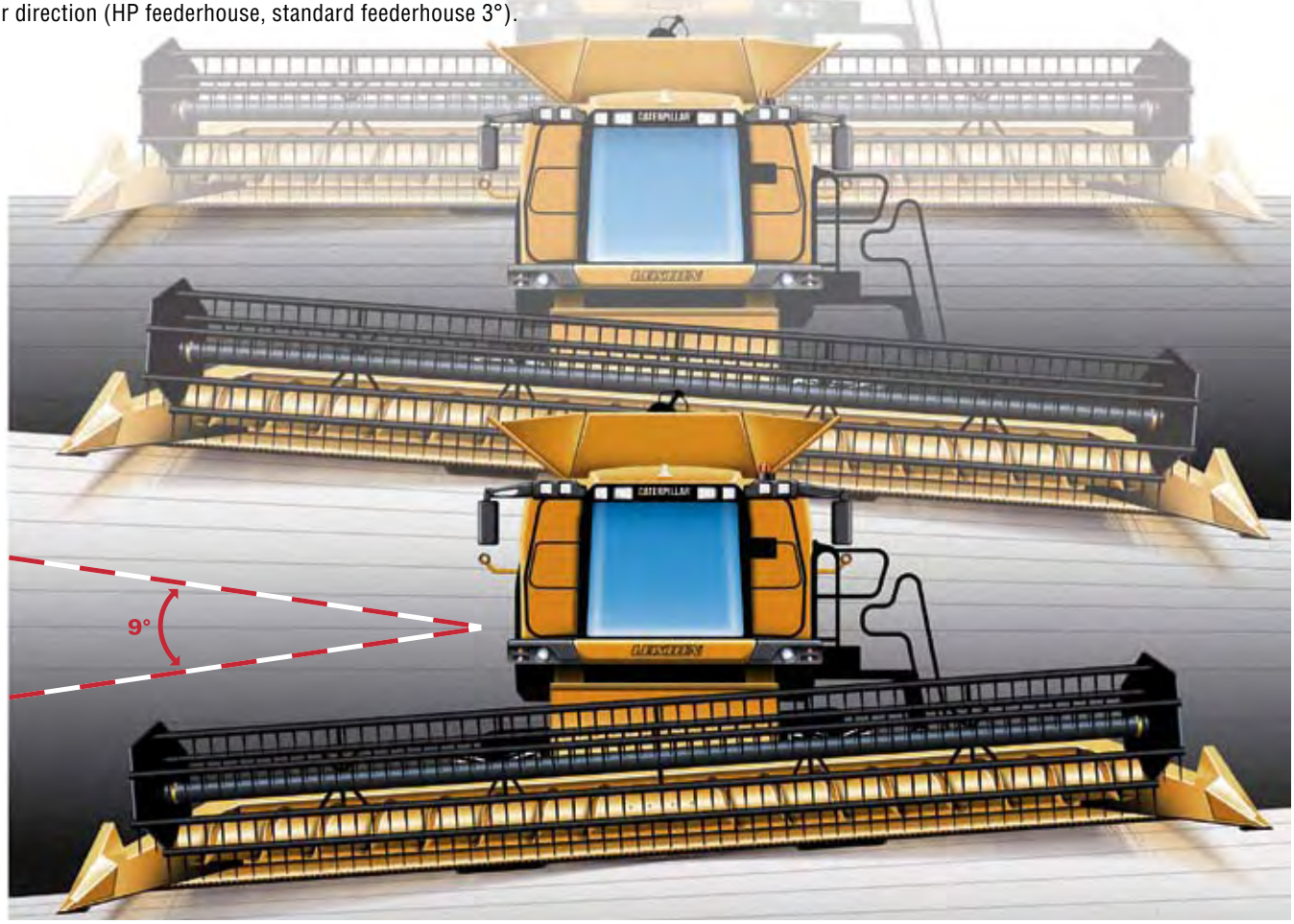
a LEXION Combine

	FEATURE	BENEFIT
Grain Tank/ Grain Handling (page 16)	**Grain Tank Extensions**	• All LEXION combines provide high-capacity grain tanks with in-cab controlled folding extensions • Keep out moisture and reduce machine height for transport
	Unloading Auger	• Increases productivity by emptying the tank at a rate of 3.3 bushels per second (2.8 bushels standard) • Optional auger lengths accommodate 40-ft (12.2 m) header attachments easily
	Clean-Out	• Quick-release latches and a pre-programmed setting make clean-out fast and easy
Engine (page 17)	**C-13 and C-9 Engines**	• Cat diesel engines provide the greatest fuel efficiency and highest reliability of any engine in the marketplace
Tracks/Wheels (page 18-19)	**Mobil-Trac System with Suspension**	• With the added suspension you get the ground compaction and traction benefits of the Mobil-Trac System plus the riding comfort of a wheeled combine
	Tires	• A variety of sizes and treads is available
Control and Monitoring System (pages 22-25)	**Multi-Function Control Handle**	• Provides fingertip control of header operation and unloading auger, as well as combine speed, direction and guidance systems
	In-Cab Adjustability	• Saves time by providing complete machine adjustments to be made from the cab, on-the-go, including concave opening, sieve opening, rotor speed, fan speed and monitor sensitivity
	CEBIS Computer System	• Provides advanced feedback on total combine performance, crop conditions and records harvest data
	Quantimeter (optional)	• Registers accurate yield and moisture readings • Shows the quantity of returns (displayed on CEBIS screen)
	Grainmeter (optional)	• Provides feedback about the quality of returns and displays information on the CEBIS screen
	Yield Mapping (optional)	• Captures real-time harvest data as a management tool

ADVANCED TECHNOLOGY RIGHT UP FRONT

Feederhouse Auto Contour (Optional)

Auto Contour adjusts height, flotation and side leveling quickly, even on the widest header. This system allows the platform to tilt up to 4.5° in either direction (HP feederhouse, standard feederhouse 3°).



Header Pitch Feederhouse

Always run your header attachment with an optimized cutting angle. Tilt the front plate of the feederhouse by turning a simple and easy-to-use linkage system.

Auto Contour Sensors

Rolling ground is no excuse for inconsistent cutting heights. Sensors attached to full-depth flexible skid plates detect terrain changes and trigger header adjustments automatically, allowing you to concentrate on maximizing performance. Auto Contour is available for all headers.

LEXION COMBINES ARE PRODUCTIVITY LEADERS

One pass is all it takes to know that LEXION combines are powerful performers in the field. The strength of the cutting and feeding systems comes from components that set the LEXION combine apart from the competition.

Feederhouse

The large feederhouse is built to support wide headers. Its ample size and shallow angle provide room for a thinner crop mat, minimizing loss and damage. The feederhouse length gives you greater visibility of the crop and the header.

Multi-Link Connector

Make seven connections in one step. Four hydraulic and three electrical connections can be made quickly with no chance of errors or oil spills.

Hydraulic Reverser

The two-stage engagement of the hydraulic reverser ensures higher reverse torque to clear blockages that may occur in the header or feederhouse.

Variable Speed Feederhouse Drive (Optional)

Harvest faster and protect grain quality at the same time with the optional variable speed feederhouse drive.

Rock Trap

The 10.5 inch-wide, large rock trap opens conveniently from the side making access simple and cleaning uncomplicated. It allows for superior protection and access to the threshing system.

THE ACCELERATED PRE-SEPARATION SYSTEM (APS) ASSURES GRAIN QUALITY

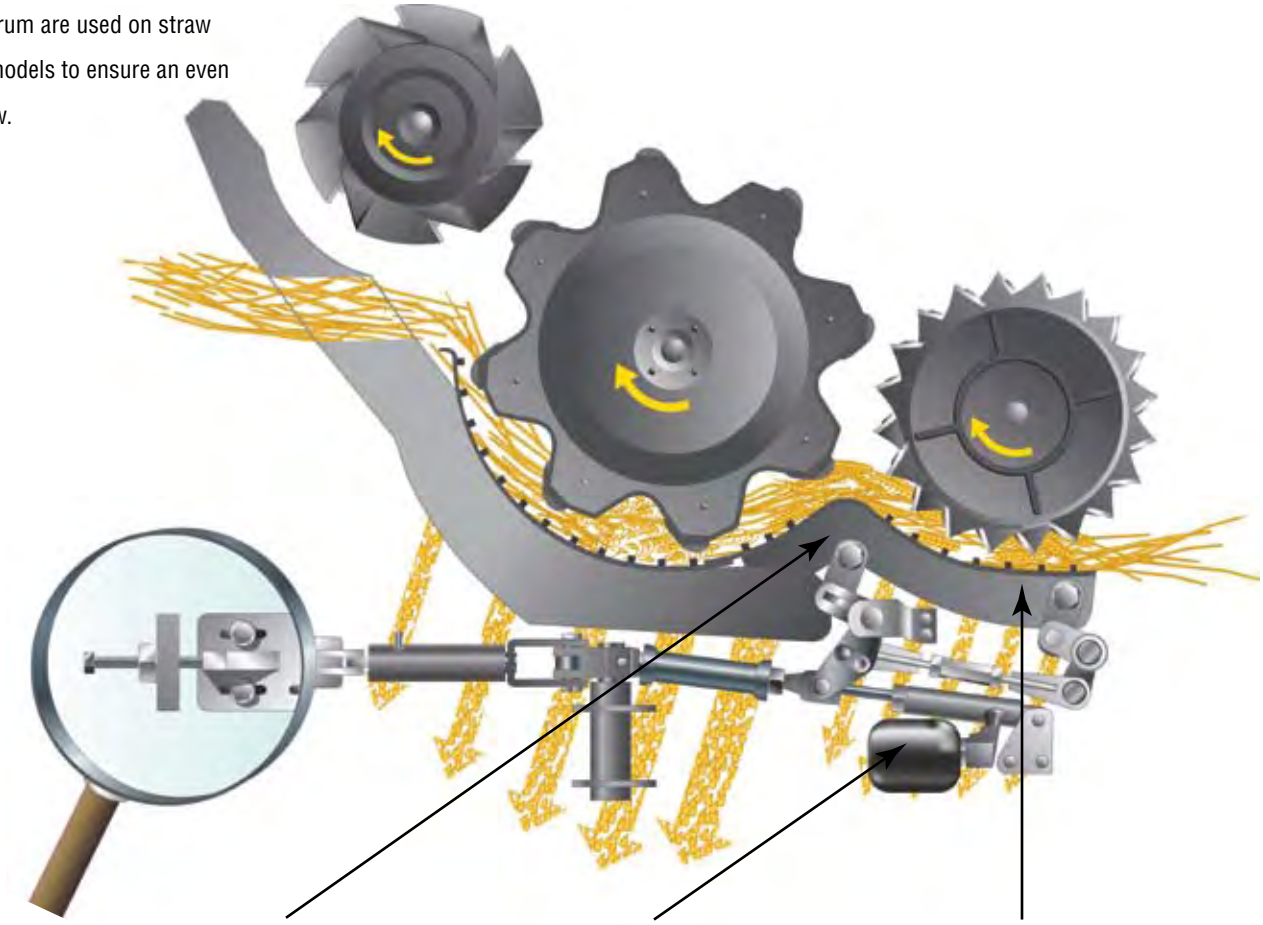
The LEXION combine's threshing system gently works more crop at one time. The result is a higher quality harvest in less time. This exclusive threshing system is made up of three cylinders: the Accelerated Pre-Separation cylinder, main threshing cylinder and impeller.

Impeller

The impeller features a chevron design to divide and feed the threshed crop into the twin rotary separation system. Straight bars on the drum are used on straw walker models to ensure an even crop flow.

Accelerated Pre-Separation (APS) Cylinder *LEXION Exclusive*

Up to 30 percent of the grain is separated at the APS cylinder and is sent on to the cleaning system. The remaining crop is fed to the main threshing cylinder at a constant speed, angle, width and thickness. As a result, threshing is faster, more efficient and produces higher quality grain.



Single Point Concave Adjustment

Rotary models only.

Initial concave adjustment is made simply by a single adjustment point. A tie rod underneath the concaves links both sides to ensure a constant parallel setting and efficient operation.

Intensive Threshing Segment

Depending on crop conditions, you may choose to install the intensive threshing segment to create a narrower point in the threshing process.

Hydraulic Overload Protection

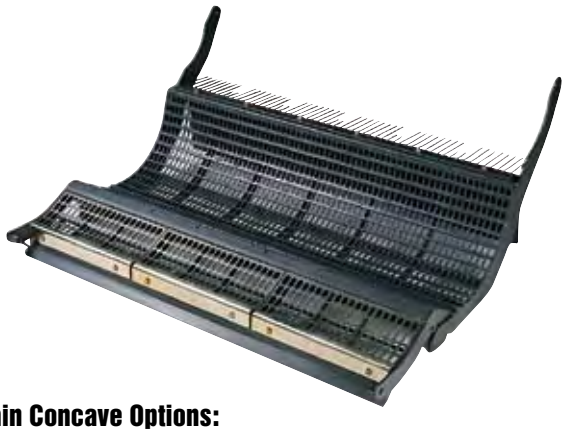
The threshing concaves will automatically open fully if an obstruction is brought in from the feederhouse. When the object has been cleared, the concaves automatically return to their preset positions.

Disawning Plate

When harvesting a tough crop, it may be necessary to maximize threshing using filler plates. To do so, simply engage the disawning plate with a single lever to cover the concave openings below the APS cylinder.

APS Concaves

Four sizes of APS concaves are available depending on the crop. Changing the three-piece concave to match the crop size takes only minutes to perform. Unbolt the brackets holding the three grates securely in place and lift up on each grate. The grates slide out of their frame to allow an alternate sized grate to be installed. Grates are easy to access through the large rock trap.



Main Concave Options:

- **18 mm (0.7 in) x 40 mm (1.6 in)**
  Standard for corn combines.
- **N7/18 mm (0.3 in/0.7 in) x 40 mm (1.6 in)**
  Standard for small grain combines.
- **Specialty Concaves for Rice (Spike Tooth) and Corn (Round Bar)**

Two-Speed Cylinder Drive

Standard on corn and rice version combines.
The standard variable cylinder speed range is 395-1,150 rpm on small grain version combines. An optional two-speed system is available and offers an additional speed range that can go as slow as 166-483 rpm to help protect grain quality.

1. Corn

- **19 mm (0.8 in) x 40 mm (1.6 in)**

Standard for LEXION corn combines.

2. Small Grains

- **6.5 mm (0.25 in) x 40 mm (1.6 in)**

Standard for LEXION small grain combines.

3. Small Grains, Wire Concave

- **10 mm (0.4 in) x 40 mm (1.6 in)**

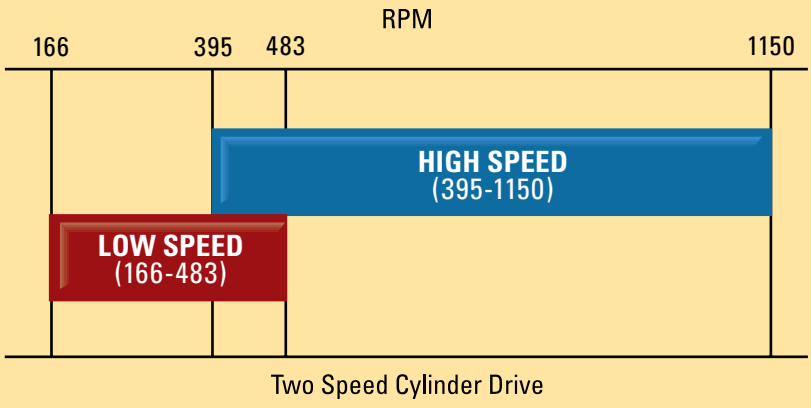
Optional through Parts.

4. Soybeans, Edible Beans

- **12 mm (0.5 in) x 40 mm (1.6 in)**

Optional through Parts.

5. Other Concave Options Available Through Parts



Two Speed Cylinder Drive

ADDITIONAL G-FORCE OF THE STRAW WALKER SEPARATION SYSTEM PROVIDES FASTER, HIGHER QUALITY RESULTS

The LEXION 570 straw walker separation system uses a short walker stroke with faster rotations to gain additional G-force. That means you can harvest at faster speeds while maintaining high grain quality and low grain loss.

Impeller

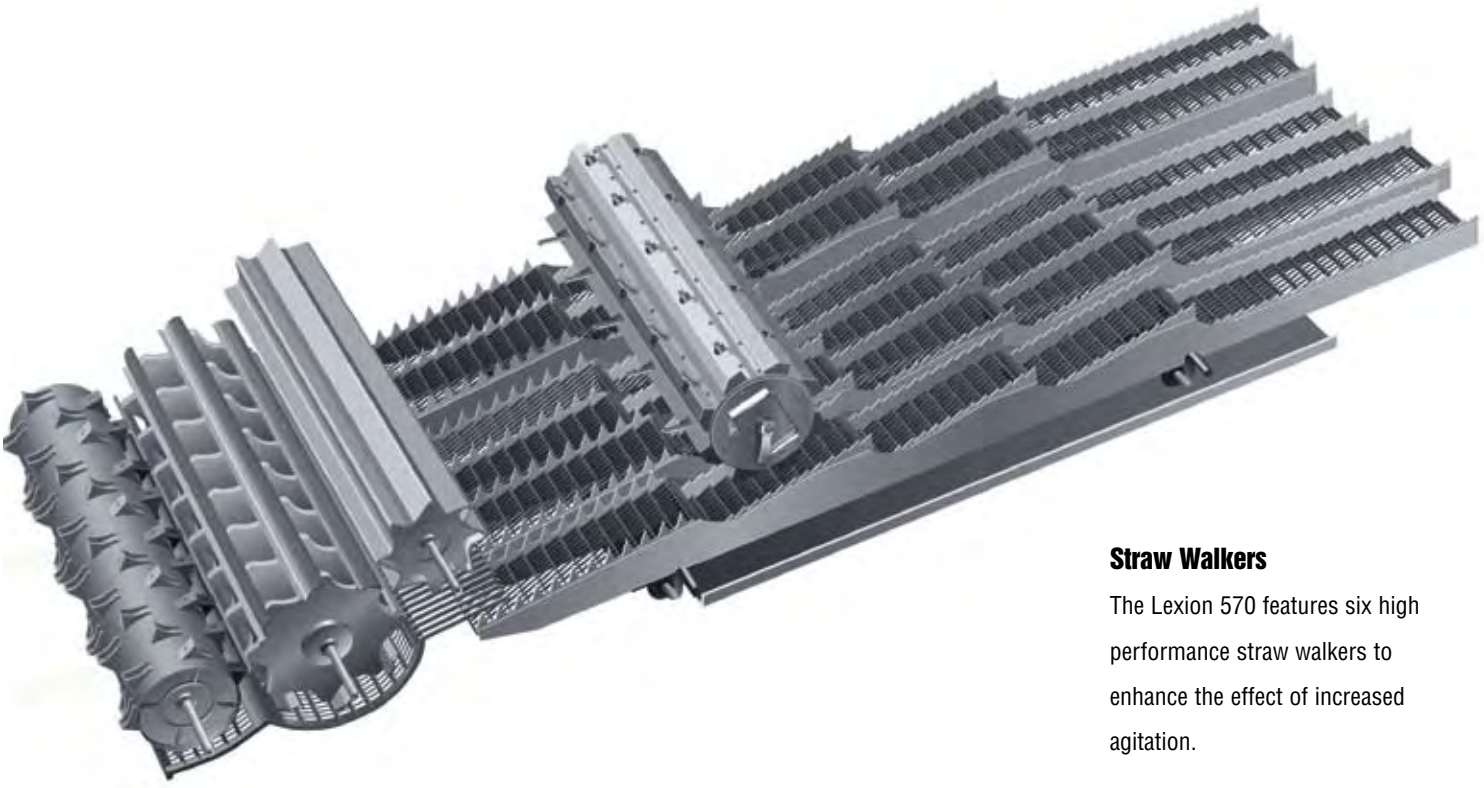
The crop mat is transported from the threshing system to the straw walkers using a straight bar impeller. The impeller spreads a thin crop mat across the entire width of the straw walker to ensure maximum separation.

Multifinger Separation System (MSS)

The multifinger separation system consists of a rotating drum fitted with retractable tines over the straw walkers. MSS is highly effective because the bulk of straw from the drum and concave is stripped away by the fingers to produce a thinner mat, which makes it easier to separate the remaining grain. The full length of the straw walkers is used more efficiently, while the straw is kept intact for baling. The MSS tines are adjustable for different harvesting conditions.

Separation Area

The long length, four large steps and fast walker speed provide aggressive separation, allowing more of an opportunity to separate grain from the straw.



Straw Walkers

The Lexion 570 features six high performance straw walkers to enhance the effect of increased agitation.

THE ROTARY SEPARATION SYSTEM – ROTOPLUS – USES GENTLE, CONTINUOUS CENTRIFUGAL FORCE FOR FINAL SEPARATION

The RotoPlus separation system for the rotary combine models features two 17.5-inch (445 mm) diameter paddle rotors that generate industry-leading centrifugal force.

Dual Function Rotors

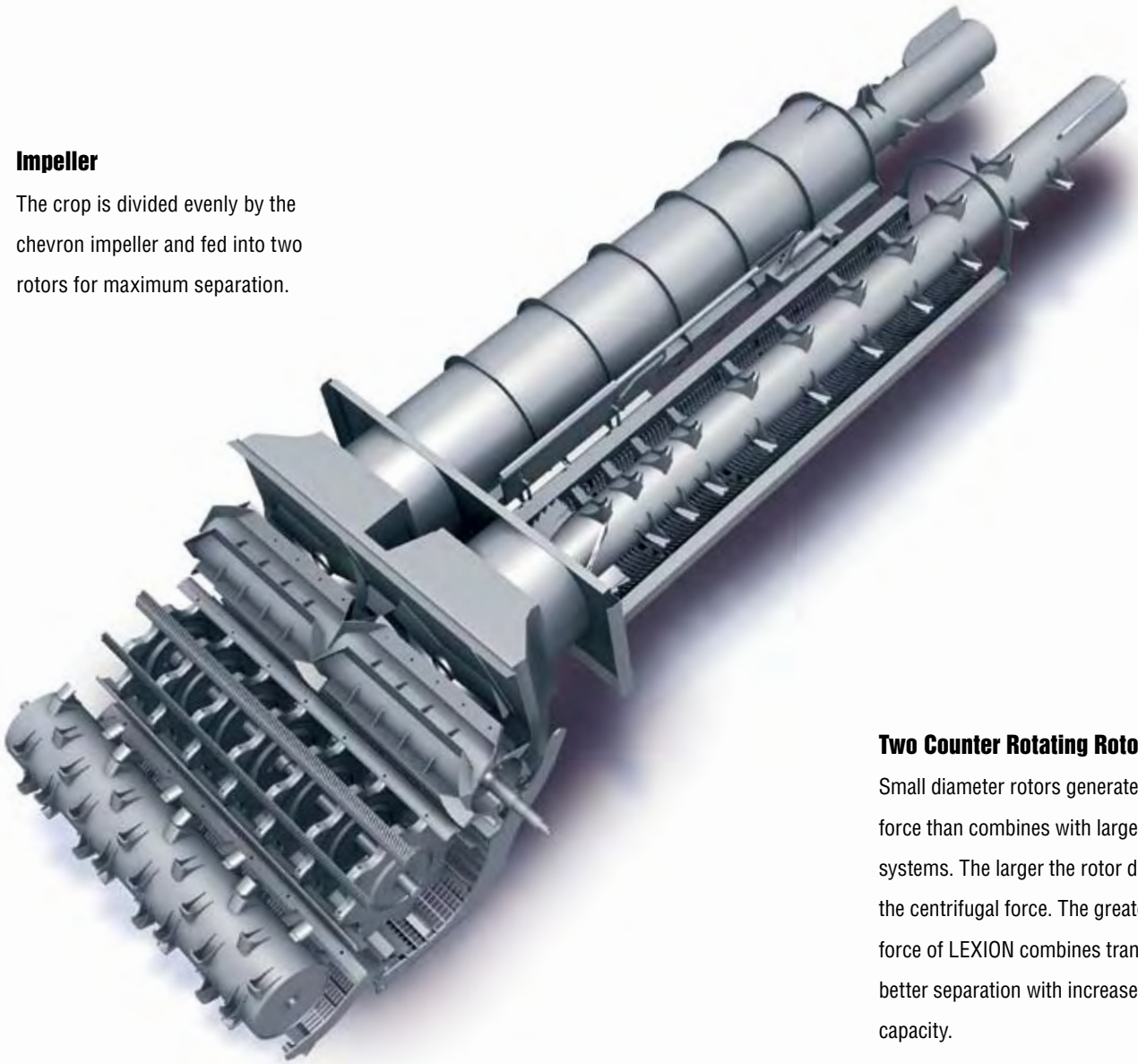
On fragile crops you can set the rotary separation system to provide additional threshing as well as separation. This dual function allows the main threshing cylinder to operate at slower speeds for higher grain quality.

Independent Rotor Speed Adjustment

You can change rotor speed independently of the threshing system. This versatility compared to single rotor systems allows you to optimize grain quality and performance.

Impeller

The crop is divided evenly by the chevron impeller and fed into two rotors for maximum separation.



Two Counter Rotating Rotors

Small diameter rotors generate more centrifugal force than combines with large single rotor systems. The larger the rotor diameter, the less the centrifugal force. The greater centrifugal force of LEXION combines translates into better separation with increased efficiency and capacity.

Rotor Cover Plates

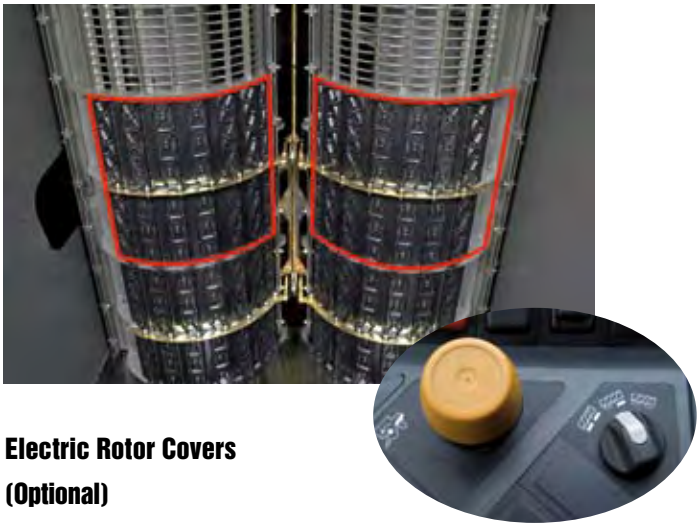
You can tailor MOG (Material Other than Grain) volumes by adding or removing rotor cover plates. This ability to balance combine systems gives you the ultimate flexibility in all harvest conditions.

Multi-Speed Rotor System (Standard)

You can set rotor speeds at 500/640/800 rpm on corn version combines or 640/800/962 rpm on small grain and rice version combines. These speed settings let you optimize separation performance.

Variable Speed Rotor System (Optional)

A rotor speed variator allows you to fine-tune rotor speeds from the cab ranging from 360-1050 rpm.



Electric Rotor Covers (Optional)

For additional flexibility, the operator can vary the separation area of the rotors. A dial in the cab allows three settings for either all four grates to be open, two open and two closed, or all closed.

AN INTENSIVE CLEANING PROCESS CLEANS *AND* PROTECTS THE QUALITY OF YOUR CROP

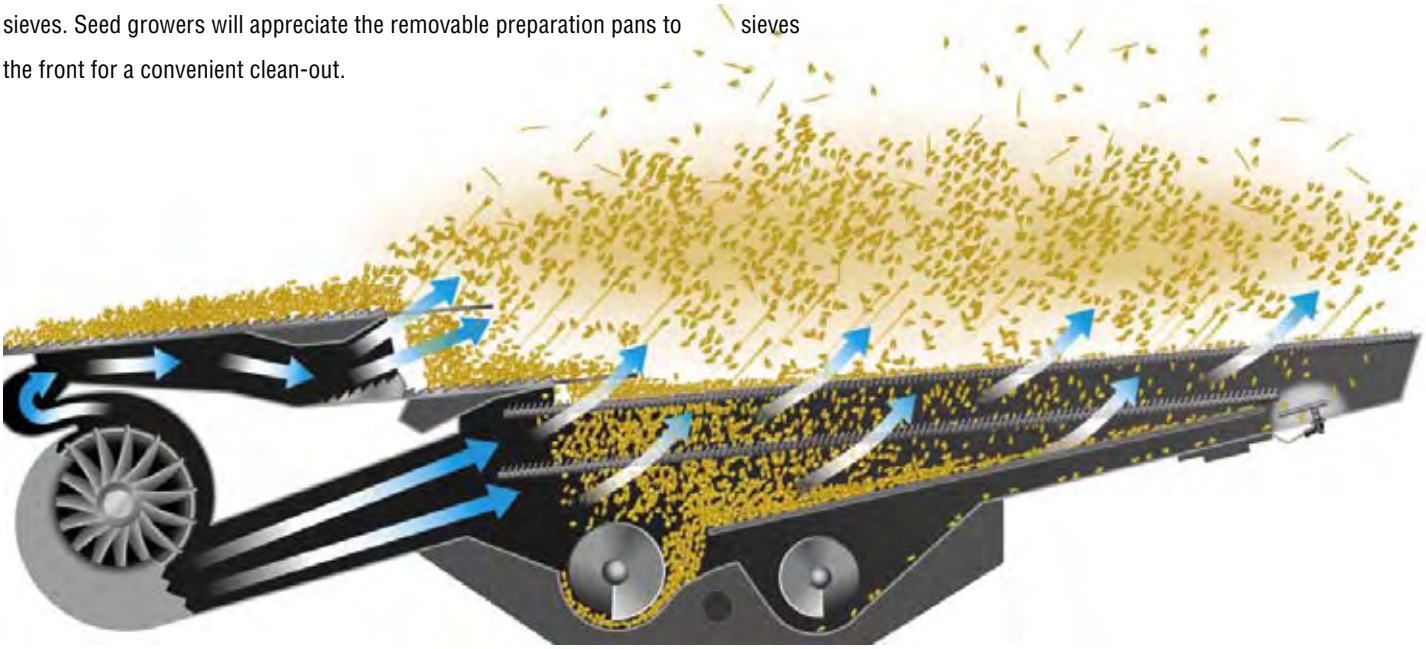
All LEXION combines offer superior cleaning performance and deliver the highest quality grain you've ever harvested. The *JET STREAM*™ cleaning system effectively separates grain from MOG (Material Other than Grain). In addition, it quickly and smoothly moves more grain than conventional cleaning systems.

Preparation Pans

Large preparation pans located directly under the APS threshing system stratify grain from MOG (Material Other than Grain) using a simple shaking motion. The heavier grain layers below the lighter MOG allow the cleaning fan to work more efficiently as material cascades onto the sieves. Seed growers will appreciate the removable preparation pans to the front for a convenient clean-out.

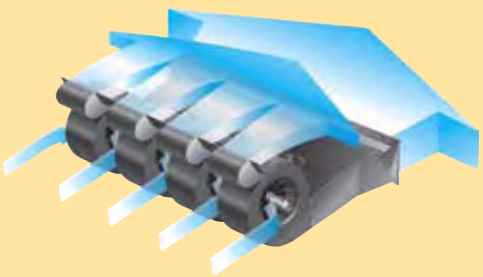
JET STREAM Cleaning System

The *JET STREAM* cleaning system sets new performance standards. The system features higher wind pressure and the most precise distribution, with a 56 percent larger cascading pre-cleaner and increased sieve area. Greater cascade action distributes material evenly across the width of the sieves



Ventilated Sieve System

Additional turbine fan units provide up to 30 percent more airflow, which is directed through a sieve system with optimized angles, longer strokes and improved geometry. Air volume and direction can be adjusted to assure a clean grain sample.

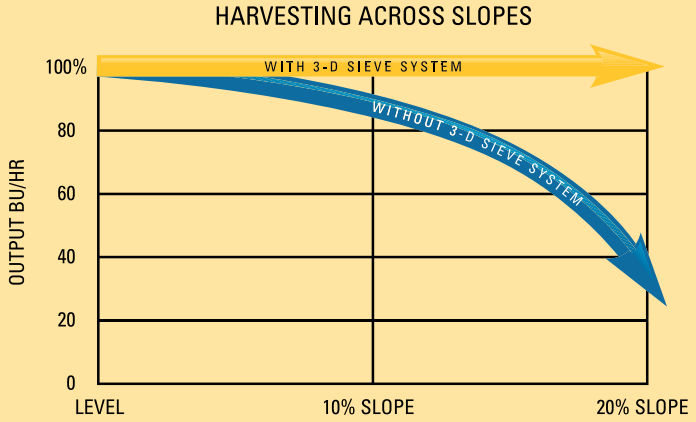


Clean Grain Elevator

The *JET STREAM* cleaning system features an increased capacity grain elevator with new paddles and a strengthened chain to allow for up to 6,000 bu/hr to be conveyed to the grain tank.

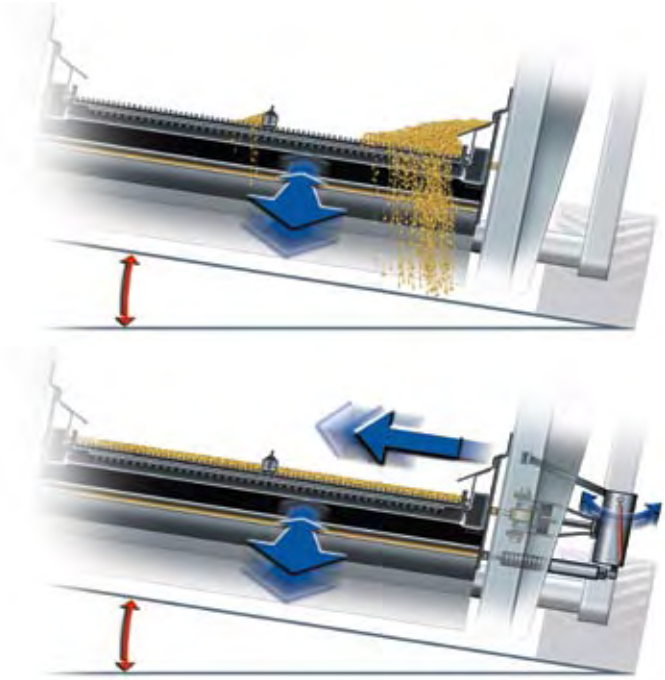
Returns Volume Indicator (Optional)

Keep an eye on the amount of returns going through the system with this monitor on the CEBIS screen.



3-D Sieve System (Optional) *LEXION Exclusive*

The 3-D sieve system keeps the grain from accumulating on the downhill side of the sieve when harvesting on a slope. By automatically adjusting lateral movement, it keeps the combine output at 100 percent on slopes up to 20 percent.



Standard Cleaning System *on LEXION 570*

The high-capacity, standard cleaning system offers effective airflow and efficient cleaning operation. Electrically adjustable sieves are standard.

Full-Width Performance Monitor

An acoustic sensor across the entire width of the cleaning system lets you know if you're experiencing any loss. Monitoring is performed by CEBIS.

Returns Elevator Window

In addition to the optional volume sensor, a window in the returns elevator allows you to see if the tailings are chaff-rich or grain-rich.

STORE AND UNLOAD CLEAN GRAIN ON THE GO

LEXION has always been known for its industry-first features, e.g., folding grain tank covers to keep moisture out and reduce transport height, and the longest unloading auger available to safely unload on the go.

Grain Tank *LEXION Exclusive*

The largest folding grain tanks in the industry. Two adjustable sensors inform you of volume levels to prevent overfilling. Four different sizes are available to fit your needs and your operation: 280 bu, 300 bu, 330 bu and 360 bushel capacity, with unloading rates up to 3.3 bushels per second.

Unloading Auger

Grain in the LEXION unloading auger follows a gentle arc as it exits, preventing damage that can occur in "drop out" augers. The unloading auger options feature up to 28.2 ft (8.5 m) of reach from the center of the combine.

Residue Disposal

The widespread MAV® chopper with high-performance double knife drum and independent chaff spreader provides impressive spreading performance up to 40 ft (12.2 m) for all rotary models. Convert to windrowing by activating a single lever.

LEGENDARY CAT ENGINES POWER LEXION COMBINES

Caterpillar® is famous the world over as the leader in diesel engine technology. Cat engines provide advanced electronics and rugged durability to give your combine the power to handle even the toughest conditions.

Fuel Efficiency

Cat engines have received top fuel efficiency results at many University of Nebraska Tractor Test Laboratory evaluations. At 462 hp and power rise up to 516 hp, the CAT C-13 diesel engine gives the LEXION 595 R and 590 R the highest horsepower of any combine ever built. Of course, all CAT engines meet Tier III EPA emission standards.

Cutting-Edge Technology

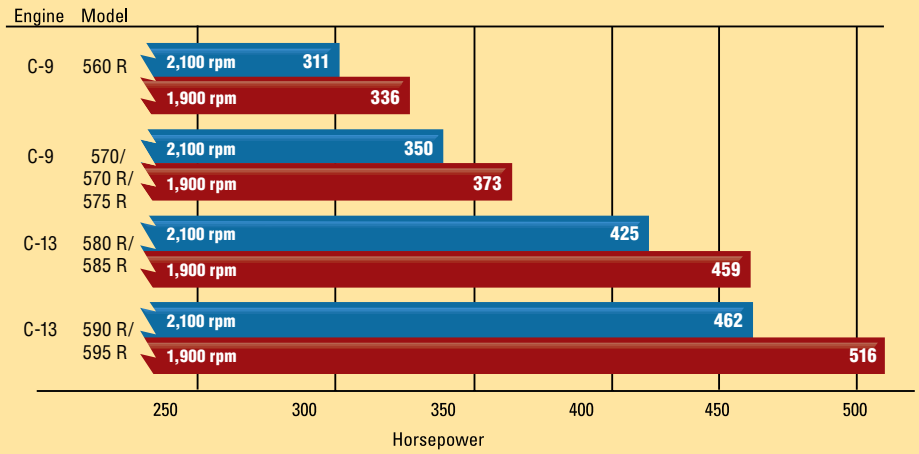
The C-9 and C-13 engines use ACERT™ (Advanced Combustion Emission Reduction Technology) to ensure smooth operation. Among other things, microprocessors make temperature-sensitive adjustments, cold start adjustments and changes to the fuel-to-air ratio.

Long-Lived, Worry-Free Operation

Caterpillar builds more high-horsepower diesel engines each year than any other company in the world. Cat engineers have pioneered reliability features like integrated oil and coolant lines to virtually eliminate leaks. The bottom line is year after year of reliable operation.

Engine Performance

Your LEXION has ample horsepower for tough conditions, but when you're maximizing capacity and need even more power, you'll appreciate an increase of up to 54 horsepower.

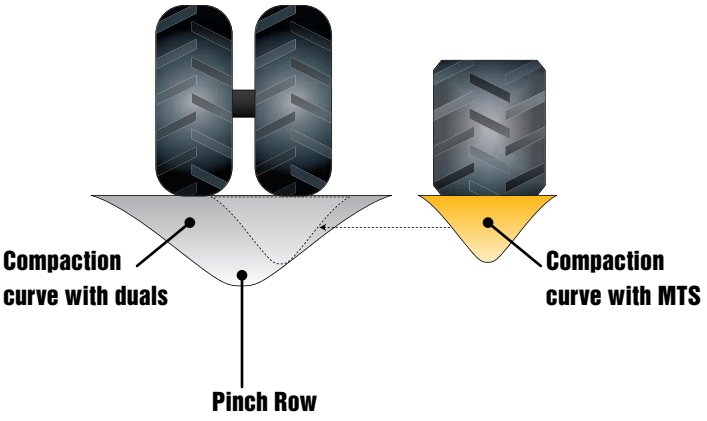


HARVEST WHEN THE CROP IS READY

Every day that you can't get in the field because of wet conditions takes a toll on yield. With the exclusive Mobil-Trac System, you can harvest according to your schedule, not the weather's. And with the **exclusive suspension system**, there's no difference in ride comfort. LEXION combines are the only combines designed specifically for tracks. The result is better performance and longer life.

Advantages

- The Mobil-Trac System provides the largest footprint of any combine harvester today
- The Mobil-Trac System delivers unmatched maneuverability in adverse conditions
- Flotation of the Mobil-Trac System is greater than any tire combination available
- Flotation reduces compaction, avoids slippage and provides a smooth ride in all terrain
- The Mobil-Trac System allows you to harvest your crop when it is ready, efficiently using the CAT engine power

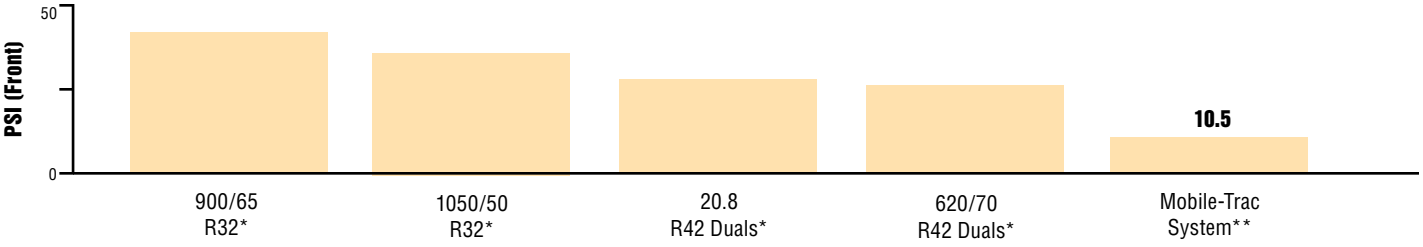


Weight distributed evenly over a larger footprint

Other LEXION Mobil-Trac System Features:

- Suspension system provides smooth ride
- Top road speed 18 mph (595R); 16 mph (585R/575R)
- Double reduction final drive
- Standard two-speed powered rear axle

ONLY 10.5 PSI WITH MOBILE-TRAC SYSTEM



**Recommended tire inflation pressure for a 580R with 12-row corn head and full 330-bushel grain tank.* ***585R with 12-row corn head and full 330-bushel grain tank.*

Powered Rear Axle

(Standard on 575R, 585R, 595R; Optional on all others)

For added traction in tough conditions, MudHog® will keep you going. Engages with the touch of a button in the cab. The rotary separation models even offer a two-speed powered rear axle with 1885/835 ccm displacements.

MUD HOG®

FRONT TIRE OPTIONS

Size (Metric):	800/65 R32	900/60 R32	900/65 R32	520/85 R42	620/70 R42	1050/50 R32
Size (Imperial):	30.5 - R32	—	—	20.8 - R42	—	—
Tread:	R1, R1W	R1	R2	R1, R2	R1	High Flotation
Load Index:	172	176	172	157	166	—
Configuration:	Single	Single	Single	Dual	Dual	Single
30" (762 mm) Row Tracking:	Excellent	Fair	Fair	Excellent	Excellent	Poor
Flotation:	Fair	Good	Good	Very Good	Very Good	Excellent
Stability:	Good	Good	Good	Very Good	Very Good	Excellent
Ride:	Good	Very Good	Very Good	Very Good	Very Good	Good
Traction:	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent

MOBIL-TRAC SYSTEM OPTIONS

Width:	35 in (889 mm)
Length:	72 in (1,825 mm)
Tread:	Deep Lug
30" (762 mm) Row Tracking:	Fair
Flotation:	Excellent
Stability:	Excellent
Ride:	Excellent (Suspension)
Traction:	Excellent

REAR TIRE OPTIONS

Size (Metric):	500/85 R24	620/75 R26	—
Size (Imperial):	—	—	28L R26
Tread:	R1	R1W	R1W + R2
Flotation:	Good	Very Good	Excellent
Stability:	Good	Good	Good
Ride:	Good	Very Good	Good
Traction:	Very Good	Very Good	Excellent

LEXION®

POWER·PRECISION·PRODUCTIVITY ROTARY AND STRAW WALKER COMBINES

595R, 590R, 585R, 580R, 575R, 570R, 570, 560R

HARVESTING IS HARD WORK – HANDLING YOUR LEXION ISN'T

A LEXION combine does more than move you through the field productively; it provides a comfortable work environment. All major functions can be performed in the cab and on-the-go to save you time and effort.

Three-Way Adjustable Steering Column

The steering column tilts and telescopes so you can adjust it perfectly.

Operator Comfort

A roomy, ergonomic air-suspended seat keeps you comfortably in reach of all controls needed to operate the combine.

Instructional Seat

The instructional seat is full size and provides a comfortable place for a second person to observe the field, monitors and operational procedures. The seat also provides additional storage area and can be equipped with an icebox.

Multi-Function Control Handle

Control 17 functions, including all header operations, unloading auger extension and engagement, as well as combine speed. The handle is built into the right side armrest for comfortable operation and can be adjusted for arm length and palm size.

Overhead Controls

Features like working lights, the cooling compartment, sound system, electric mirrors and automatic climate control (A/C matic) make this cab the most comfortable you've ever experienced.

Operator View

The long feederhouse and large windows allow you to keep an eye on what's happening ahead of you.

MAKE ADJUSTMENTS BASED ON REAL-TIME SITUATIONS

CEBIS is the most advanced on-board combine monitoring system on the market. It displays performance and machine data in a single monitor. CEBIS records harvest information and allows you to make functional adjustments on the go.

CEBIS Functions

– Monitor performance of engine, sieves, rotors and all machine functions
– Direct adjustment of individual components from header to rotor speed
– View on-screen operation and maintenance manual
– Check service intervals and information
– Preset reel heights
– Make 23 automatic crop presets plus custom settings
– Optional printer
– Optional PCMCIA card reader
– Optional yield mapping

Ag Leader Technology

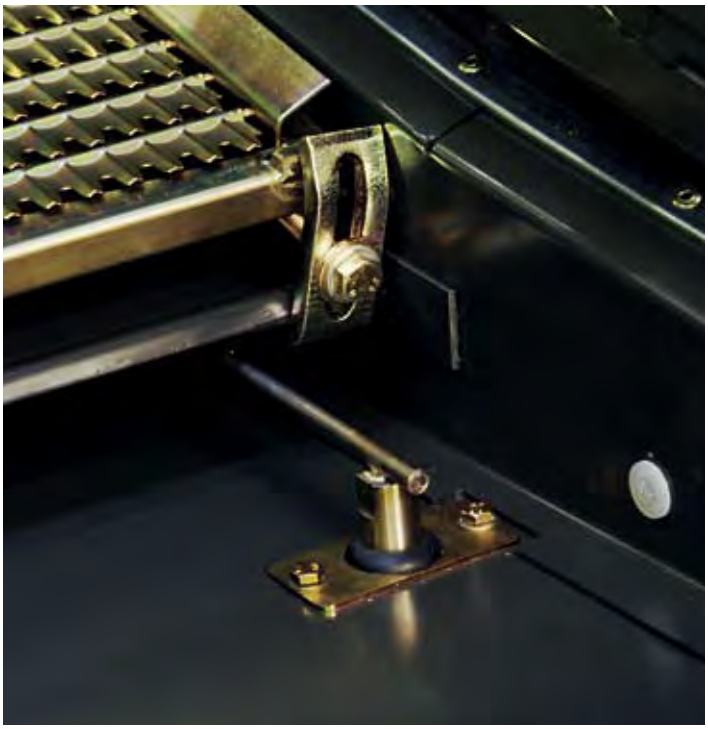
All Lexion combines can be ordered with a factory-installed Ag Leader precision farming system. This option includes the 10.4 inch color touch-screen INSIGHT display, Yield and Moisture sensors, GPS 1100 “all-in-the-antenna” unit, the SMS Basic program and Ag Leader sensors.

Quantimeter

Yield and moisture sensors provide accurate readings while you’re harvesting. Yield is determined by a light beam sensor system. A slope sensor ensures accurate yield readings when harvesting on slopes and inclines.

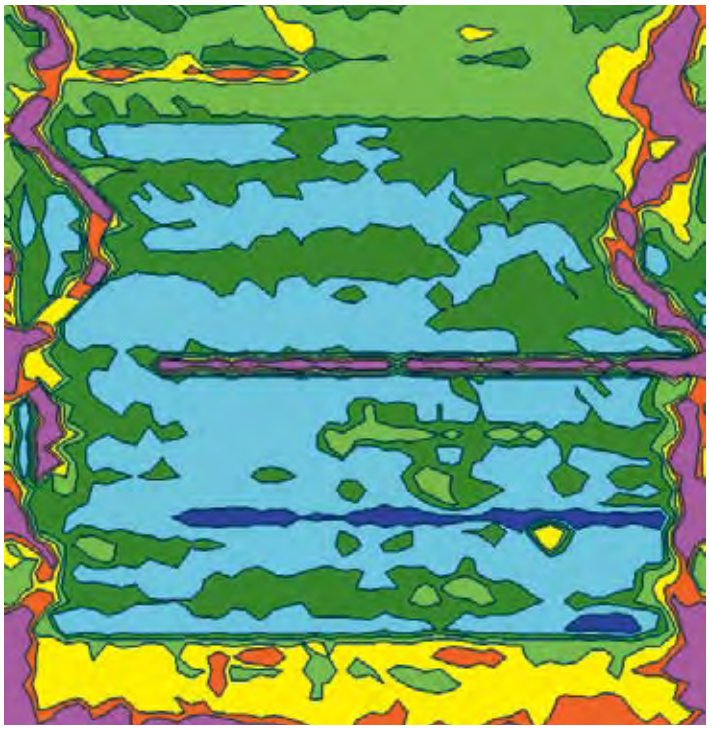
Grainmeter (Optional)

Kernel sensors below the lower sieve detect the amount of grain entering the returns. This information is displayed next to the returns indicator on the CEBIS monitor, helping you to optimize your machine without any visual returns inspection.



Yield Mapping (Optional)

Data provided by the Quantimeter and GPS system will help you determine which areas of the field provided the greatest yields.



Yield Monitor

The Quantimeter uses a beam of light to calculate the amount of grain in the clean grain elevator.

Slope Sensor

The LEXION combine's computer automatically compensates for slopes when calculating yield.

Continuous Moisture Meter

Accurate crop moisture readings ensure precise dry yield calculations and provide you with useful information to make setting adjustments.

EXPERIENCE FIELD TIME—*NOT* DOWNTIME

Ease of maintenance is a major design feature of LEXION combines. The engine, radiator and internal components are easily accessible for maximum uptime.

Sieve Access
An open cleaning system design with a hinged chaff spreader allows for easy access to the sieve area.

Rear Service Access
The rear hood opens to allow for easy service of the rear of the machine.

Multitasking Ladder
The rear ladder can be fixed to the machine at key service or inspection areas.

Grease Banks
Centralized grease banks are located in easily accessible areas to minimize service time.

Service Doors
Large service doors open wide on each side of the machine. The service doors have a locking mechanism that keeps the doors open during servicing and feature optional service lights under the panel.

Extensive Clean-Out
Clean-out between crops after harvest is simple with an automatic clean-out setting and quick-release latches on the lower grain handling system.

Engine/Radiator Access
The engine cover opens to reveal a clean engine compartment with easy access to key service areas. The cooling housing also can be accessed from the engine platform with full access to every cooling core.

Toolbox
The integrated storage space can accommodate a large toolbox and the battery, as well as additional storage area, e.g. for a portable service light.

24/7 PARTS NETWORK AND ON-SITE DIAGNOSIS AND REPAIR WILL KEEP YOU UP AND RUNNING

LEXION dealers earn their business by delivering responsive, skilled service to every customer. No matter where you are, your dealer's main focus is keeping your equipment running.

Mobile Service Fleet

If you need service on your LEXION, a trained service specialist will come to your farm quickly to provide on-site diagnosis and repair. Cat service trucks carry more specialized equipment than many repair shops. More than 95 percent of problems can be handled on-site, saving you valuable harvest time.

Parts Distribution Network

During the harvest, every LEXION dealer is connected to the 24/7 on-line parts network. Parts distribution warehouses are located regionally throughout North America.

Preventive Maintenance

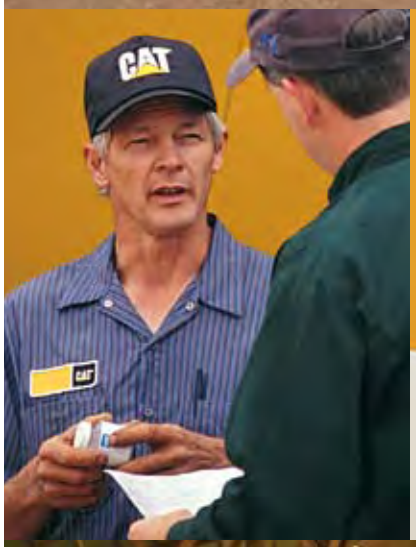
LEXION dealers use sophisticated methods including scheduled oil sampling to prevent problems from ever occurring.

Service is Never Far

LEXION dealers have more than 75 years of experience providing the best possible support for customers.

Financial Services

Financing never has to stand between you and owning or leasing a LEXION. Competitive terms and flexible payment schedules, as well as add-on insurance and extended warranties are available.



LEXION ROTARY COMBINE SPECIFICATIONS

MODEL	595R / 590R	585R / 580R	575R / 570R	560R
Pre-Separation				
Type	APS	APS	APS	APS
Threshing				
Cylinder diameter	24 in (600 mm)	24 in (600 mm)	24 in (600 mm)	24 in (600 mm)
Cylinder width	67 in (1,700 mm)	56 in (1,420 mm)	56 in (1,420 mm)	56 in (1,420 mm)
Pre-concave grate area	685 in^2 (0.44 m^2)	572 in^2 (0.37 m^2)	572 in^2 (0.37 m^2)	572 in^2 (0.37 m^2)
Main concave grate area	1,992 in^2 (1.28 m^2)	1,664 in^2 (1.07 m^2)	1,664 in^2 (1.07 m^2)	1,664 in^2 (1.07 m^2)
Transition grate area	-	-	-	-
Total threshing area	2,677 in^2 (1.73 m^2)	2,236 in^2 (1.44 m^2)	2,236 in^2 (1.44 m^2)	2,236 in^2 (1.44 m^2)
Separation				
Type	Paddle rotor	Paddle rotor	Paddle rotor	Paddle rotor
Number of rotors/walkers	2	2	2	2
Length	102 in (2,600 mm)	102 in (2,600 mm)	102 in (2,600 mm)	102 in (2,600 mm)
Diameter	17.5 in (445 mm)	17.5 in (445 mm)	17.5 in (445 mm)	17.5 in (445 mm)
Grate opening	150°	120°	120°	120°
Separation area	5,735 in^2 (3.70 m^2)	4,650 in^2 (3.00 m^2)	4,650 in^2 (3.00 m^2)	4,650 in^2 (3.00 m^2)
Total Threshing & Separation Area	8,412 in^2 (5.43 m^2)	6,886 in^2 (4.44 m^2)	6,886 in^2 (4.44 m^2)	6,886 in^2 (4.44 m^2)
Cleaning System				
Type	*JET STREAM*™	*JET STREAM*™	*JET STREAM*™	*JET STREAM*™
Total cleaning area	9,610 in^2 (6.20 m^2)	7,905 in^2 (5.10 m^2)	7,905 in^2 (5.10 m^2)	7,905 in^2 (5.10 m^2)
Cleaning fan	8 turbine fans	6 turbine fans	6 turbine fans	6 turbine fans
Electric sieve adjustment	Standard	Standard	Standard	Standard
3-D sieve	Optional	Optional	Optional	Optional
Residue Management				
Chaff spreader	Optional	Optional	Optional	Optional
Straw chopper	MAV®	MAV®	MAV®	MAV®
Engine				
Caterpillar® model	C-13	C-13	C-9	C-9
Horsepower @ 2,100 rpm	462 hp (345 kW)	425 hp (317 kW)	350 hp (261 kW)	311 hp (232 kW)
Horsepower @ 1,900 rpm	516 hp (385 kW)	459 hp (343 kW)	373 hp (278 kW)	336 hp (251 kW)
Capacities				
Grain tank	360 bu (12,500 L)	330 bu (11,800 L)	300 bu std./ 330 bu opt.	280 bu (10,500 L)
Unloading rate	3.3 bu/sec**	3.3 bu/sec**	2.8 bu/sec std./ 3.3 bu/sec opt.**	2.8 bu/sec
Fuel tank	210 gal (800 L)	210 gal (800 L)	210 gal (800 L)	210 gal (800 L)
Tracks/Wheels				
MTS™ with suspension	595R	585R	575R	n/a
Drive axle capacity	28 ton	24 ton	24 ton	24 ton
MudHog® rear axle, 1-speed	n/a	n/a	n/a	n/a
MudHog® rear axle, 2-speed	Standard/Optional	Standard/Optional	Standard/Optional	Optional
Transport Weight				
Wheel combine	43,750 lb (19,850 kg)***	37,500 lb (17,000 kg)***	36,375 lb (16,500 kg)***	35,275 lb (16,000 kg)***
MTS™ combine	49,750 lb (22,570 kg)	43,500 lb (19,750 kg)	41,875 lb (19,000 kg)	

*with standard APS adjustment mechanism **2.8 bu/sec for rice configuration ***Weight varies with options; calculations based on 900/60 R32 tire option

LEXION STRAW WALKER COMBINE SPECIFICATIONS

MODEL	570
Pre-Separation	
Type	APS*
Threshing	
Cylinder diameter	24 in (600 mm)
Cylinder width	67 in (1,700 mm)
Pre-concave grate area	685 in² (0.44 m²)
Concave grate area	1,992 in² (1.28 m²)
Transition grate area	501 in² (0.32 m²)
Total grate area	3,178 in² (2.05 m²)
Separation	
Number of walkers	6
Length	173 in (4,400 mm)
Separation area	11,507 in² (7.42 m²)
Total Threshing & Separation Area	14,685 in² (9.47 m²)
Cleaning System	
Type	Standard
Total cleaning area	9,286 in² (6.00 m²)
Cleaning fan	6 turbine fans
Electric sieve adjustment	Standard
3-D sieve	Optional
Residue Management	
Chaff spreader	Optional
Straw chopper	MAV®‡
Engine	
Caterpillar® model	C-9
Horsepower @ 2,100 rpm	350 hp (261 kW)
Horsepower @ 1,900 rpm	373 hp (278 kW)
Capacities	
Grain tank	280 bu (10,500 L)
Unloading rate	2.8 bu/sec
Fuel tank	210 gal (800 L)
Tracks/Wheels	
Drive axle capacity	24 ton
Mudhog rear axle, 1250 ccm powered	Optional
Transport Weight	32,000 lb (14,515 kg)

*with standard APS adjustment mechanism ‡Small grain only (corn requires Wide-Spread)

FLEX HEAD

F540 *MaxFlex*™
F535 *MaxFlex*™
F530
F525

Highest range of flexibility in the industry

The F540 and F535 *MaxFlex* systems features seven inches of vertical flex range, setting a new industry standard. The flex range can be adjusted hydraulically at the header or from the cab. The *MaxFlex* system features a heavy-duty design with split reel, split auger and split knife with dual knife drive.

The F530 and F525 both allow four inches of vertical flex range. All headers can be locked rigid for use in small grains.

Unmatched ground-hugging capabilities

The flexible cutter bar system enables the F540 and F535 *MaxFlex* systems to closely follow the ground in even the toughest terrain changes while the stainless steel floor ensures excellent feeding at the same time. A center top link on the recommended header-pitch feederhouse* makes it easy to adjust the header cutting angle for various ground and crop conditions. Standard, full depth poly skid plates across the full width of the header work in conjunction with the flexible cutter bar to give the header its superior performance.

Both the F530 and F525 cutting angles can be adjusted using a spacer system to angle the knife up or down. The optional poly skid plates eliminate dirt buildup and reduce friction, resulting in better performance.

Other LEXION header standard features:

- Automatic reel speed/height control
- Adjustable reel fore/aft position from the cab
- Hydraulic reel drive
- Poly reel tines with adjustable tine pitch
- Adjustible, spring supported crop dividers for easy flotation
- Auger fingers across the full width of the header
- Single unit coupling system for all hydraulic and electric connections
- Spare knife
- Replaceable stainless steel center floor

**Rotary Separation Combine models only*

FLEX HEAD SPECIFICATIONS

MODEL	F540 *MaxFlex*	F535 *MaxFlex*	F530	F525
Cutting width – ft (m)	40 (12.2)	35 (10.7)	30 (9.1)	25 (7.6)
Vertical flex range – in (mm)	7 (178)	7 (178)	4 (102)	4 (102)
Auger				
Diameter – in (mm)	26 (660)	26 (660)	23 (580)	23 (580)
Speed – rpm	205/178	205/178	178/151	178/151
Flighting height – in (mm)	4.75 (120)	4.75 (120)	4 (100)	4 (100)
Reel				
Number of reels	2	2	1	1
Diameter – in (mm)	41.5 (1,054)	41.5 (1,054)	41.5 (1,054)	41.5 (1,054)
Speed – rpm	11 – 79	11 – 79	11 – 79	11 – 79
Hydraulic reel lift	Standard	Standard	Standard	Standard
Hydraulic fore/aft	Standard	Standard	Standard	Standard
Knife				
Type	Serrated (7 tooth/in)	Serrated (7 tooth/in)	Serrated (7 tooth/in)	Serrated (7 tooth/in)
Drive	Dual Planetary Drives	Dual Planetary Drives	Epicyclical Wobble Box	Epicyclical Wobble Box

GRAIN HEAD

G540
G535
G530
G525

Even crop flow

Consistent crop flow is characteristic of all LEXION platform headers. The G540 and G535 feature a new high-performance design which uses a split reel, split auger and split knife to achieve a precision cut and positive feeding across its 40-foot cutting width.

Auger fingers

LEXION platform headers continue to be a leader in performance. All platform headers feature positive feeding action using standard full-width retractable table auger fingers.* These unique fingers ensure consistent crop flow from the table to the feederhouse, resulting in a smooth transition of material into the feederhouse and on to the threshing system.

The stainless steel table sections of the G540 and G535 improve wear and provide excellent feeding.

Other LEXION header standard features:

- Automatic reel speed/height control
- Adjustable reel fore/aft position from the cab
- Hydraulic reel drive
- Poly reel tines with adjustable tine pitch
- Single unit coupling system for all hydraulic and electric connections
- Replaceable stainless steel center floor
- Laser Pilot optional
- Spare knife

**Full-width retractable table auger fingers were introduced on LEXION platform headers.*

GRAIN HEAD SPECIFICATIONS

MODEL	G540	G535	G530	G525
Cutting width – ft (m)	40 (12.2)	35 (10.7)	30 (9.1)	25 (7.6)
Auger				
Diameter – in (mm)	26 (660)	26 (660)	23 (580)	23 (580)
Speed – rpm	205/178	205/178	205/178	205/178
Flighting height – in (mm)	4.75 (120)	4.75 (120)	4 (100)	4 (100)
Reel				
Number of reels	2	2	1	1
Diameter – in (mm)	41.5 (1,054)	41.5 (1,054)	41.5 (1,054)	41.5 (1,054)
Speed – rpm	11 – 79	11 – 79	11 – 79	11 – 79
Hydraulic reel lift	Standard	Standard	Standard	Standard
Hydraulic fore/aft	Standard	Standard	Standard	Standard
Knife				
Type	Serrated (14 tooth/in)	Serrated (14 tooth/in)	Serrated (14 tooth/in)	Serrated (14 tooth/in)
Drive	Dual Planetary Drives	Dual Planetary Drives	Wobble Box	Wobble Box

CORN HEAD

C516-30
C512-30
C512-22
C508-38
C508-36
C508-30
C506-30

Productivity and versatility

LEXION corn heads are available in a range of sizes, from six rows to industry-leading 16 rows, in 22-, 30-, 36- and 38-inch row spacing. This wide range of header options will allow you to precisely match your combine to your operational needs.

- C516-30
- C512-30, C512-22
- C508-38, C508-36, C508-30
- C506-30

Powerful row units

All LEXION corn heads feature powerful and precise cutting action from its proven parallel “knife-to-knife” stalk roll design. Feeding is gently optimized using tapered gathering chains and advanced poly snouts* to ensure that every ear is picked and gathered, keeping material build-up to a minimum.

Adjusting for changing conditions is made fast and easy with in-cab controls for header and feederhouse speed* and deck plate adjustments. Every row unit is protected by an individual ratcheting slip clutch and flexible chain-coupled shafts. All row units use hardened bolt-on knives and rolled-edge deck plates for added durability.

Other LEXION header standard features:

- Gear case driven row units and auger (C516)
- Front supported stalk rolls with adjustable, heat-treated knives
- Gathering chain with hardened pins and poly idler sprockets for extended life
- Durable poly snouts* for reduced friction and smooth feeding
- Single-unit coupling system for all hydraulic and electric connections

**depending on model and configuration*

CORN HEAD SPECIFICATIONS

MODEL	C516-30	C512-30	C512-22**	C508-38**	C508-36**	C508-30	C506-30**
Number of rows	16	12	12	8	8	8	6
Row spacing – in (mm)	30	30	22	38	36	30	30
Dimensions							
Width – ft (m)	40.8 (12.4)	30.8 (9.4)	23 (7.0)	26 (8)	24.3 (7.4)	21 (6.4)	15.7 (4.8)
Weight – lb (kg)	11,500 (5,216)	8,025 (3,640)	6,945 (3,150)	5,952 (2,708)	5,732 (2,600)	5,071 (2,300)	3,968 (1,800)
Row Units							
Knife stalk rolls	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Reversible knives	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Drive	Enclosed Gearbox	Enclosed Gearbox	Enclosed Gearbox	Enclosed Gearbox	Enclosed Gearbox	Enclosed Gearbox	Enclosed Gearbox
Hydraulic deck plates	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Auger							
Diameter – in (mm)	15.75 (400)	15.75 (400)	15.75 (400)	15.75 (400)	15.75 (400)	15.75 (400)	15.75 (400)
Reverse flighting	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Options							
Auto Contour	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Auto-Pilot	Optional	Optional	Optional	Optional	Optional	Optional	Optional

***Special order; please contact your local LEXION dealer*

CHOPPING CORN HEADS

C512-30 *Chopping*
C508-30 *Chopping*

NEW Chopping corn heads

A successful harvest next year begins with good residue management this year. The new chopping corn head, available as 12- or 8-row models in 30-inch row spacing, chops stalks while gently picking the ear. Each row unit is fitted with three rotating blades which are driven right from the row unit gearbox.

Save yourself an extra pass across the field.

CHOPPING CORN HEAD SPECIFICATIONS

MODEL	C512-30 *Chopping*	C508-30 *Chopping*
Number of rows	12	8
Row spacing – in (mm)	30 (762)	30 (762)
Dimensions		
Width – ft (m)	30.8 (9.4)	21 (6.4)
Row Units		
Knife stalk rolls	Standard	Standard
Reversible knives	Standard	Standard
Drive	Enclosed Gearbox	Enclosed Gearbox
3-blade stalk chopper	Standard	Standard
Hydraulic deck plates	Standard	Standard
Auger		
Diameter – in (mm)	15.75 (400)	15.75 (400)
Reverse flighting	Standard	Standard
Option		
Auto Contour	Optional	Optional
Auto-Pilot	Optional	Optional

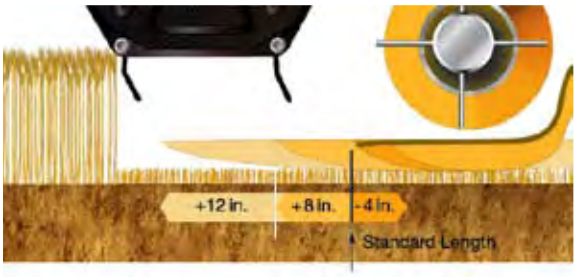
VARIO HEADS

V535
V530

NEW VARIO Heads

The VARIO rigid platform features the newest technology for your small grain operation. The hydraulically adjustable table improves feeding in all conditions and can be changed with the touch of a button from inside the cab.

The VARIO's exclusive extendable table improves feeding and minimizes loss by extending its cutterbar under the crop prior to contact with the reel. Excellent in tall crops and perfect when straight-cutting canola. The optional hydraulically driven vertical knives at each end provide a clean cut. VARIO heads provide direct cut capabilities resulting in lower harvesting costs.



VARIO heads – Another North American industry first from LEXION.

VARIO HEADS

MODEL	V535	V530
Cutter Bar		
Cutting Width – ft (m)	35 (10.7)	30 (9.1)
Table extension range – in (mm)	24 (600)	24 (600)
Auger		
Diameter – in (mm)	23 (580)	23 (580)
Speed – rpm	178/151	178/151
Flighting height – in (mm)	4 (100)	4 (100)
Reel		
Number of reels	1	1
Diameter – in (mm)	41.5 (1,054)	41.5 (1,054)
Speed – rpm	11 – 79	11 – 79
Hydraulic reel lift	Standard	Standard
Hydraulic fore/aft	Standard	Standard
Automatic reel height	Standard	Standard
Knife		
Type	Serrated	Serrated
Drive	Epicyclical wobble box	Epicyclical wobble box
Vertical knives (Canola)	Optional	Optional
Standards		
Auto Contour	Standard	Standard
Wide grain-saving deflector	Standard	Standard

PICK-UP HEADS AND RICE HEADS

P514 R525
P516

Pick-Up Heads

LEXION header attachments also include an increased width pick-up attachment. The pick-up trough is available in 14-ft (4.3 m) or 16-ft (4.9 m) width to accommodate large swath. Two different pick-up configurations are also available.

PICK-UP HEADS (Available as Swathmaster™ or Rake-Up™)

MODEL	P514	P516
Cutter bar		
Trough width – ft (m)	13 (4)	15 (4.6)
Auger		
Diameter – in (mm)	24 (610)	24 (610)
Speed – rpm	185	185
Pickup		
Drive	Mechanical	Mechanical
Hydraulic crop hold down	Standard	Standard
Draper belts		
Number of belts	8	9
Overall width to tire edges		
Belt pickup – ft (m)	16 (4.9)	17.8 (5.3)
Rake-up – ft (m)	16.4 (5)	18 (5.4)

Rice Heads

The R525 Rice Header features a 25-foot rigid platform and double cut knife. Its table auger is equipped with full-width retractable fingers to ensure smooth and consistent feeding and the reel is equipped with adjustable poly tines for added performance and durability. A powerful wobble box knife drive is a perfect match for the tough conditions often encountered during rice harvest. Optional auto-contour sensing bands can be added to ensure a consistent cut, even when crossing levees.

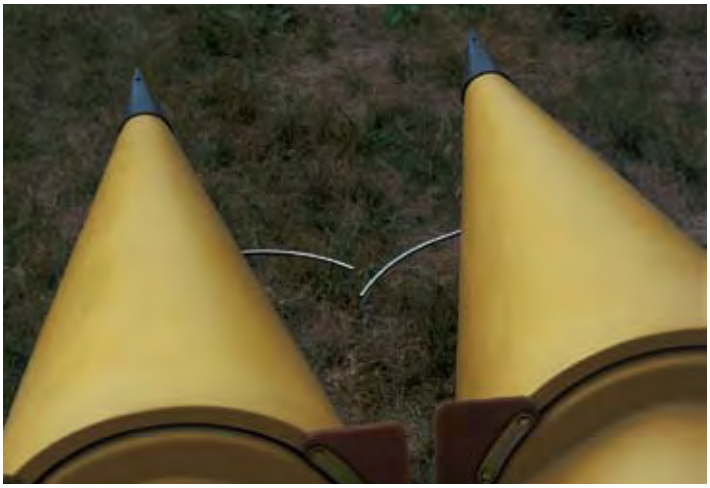
RICE HEADS

MODEL	R525
Cutter bar	
Cutting widths – ft (m)	25 (7.6)
Auger	
Distance to knife – in (mm)	23 (580)
Distance – in (mm)	23 (580)
Speed – rpm	204*
Reel	
Bate reel	N/A
Pickup reel	6
Drive – rpm	0 – 79
Diameter – in (mm)	41.5 (1,054)
Reel lift	Hydraulic
Reel fore/aft	Hydraulic
Knife	
Type	Double knife-serrated
Drive	Wobble box

**with 15T sprocket*

PRECISE GUIDANCE TECHNOLOGY GIVES YOU A BREAK AND KEEPS YOU IN LINE AT THE SAME TIME

The exclusive auto steering system, available for all LEXION combines, uses cutting-edge guidance technology to take the stress out of harvest. Auto steering frees you from constant steering and allows you to concentrate on the field or to fine tune settings without disrupting machine operations. LEXION combines offer you the greatest variety of auto steering systems available right from the factory.



Auto-Pilot for Corn Heads

Auto-Pilot (option) reduces potential ear loss caused by poor tracking and minimizes operator fatigue. Using whisker-like sensors attached to the center row snouts, Auto-Pilot navigates the combine down the row at speeds up to 7.5 miles per hour. Because the system operates by feel, harvesting down corn stalks is easy. The rugged, low profile poly snouts glide right under the stalks as each sensor feels its way through the field to ensure proper row tracking.

Laser-Pilot for Platform Heads

Laser-Pilot (option) can be fitted to any LEXION platform head to ensure full-width utilization of the cutterbar. A laser optic sensor mounted to the head's frame monitors the difference in height between cut and uncut crop. The LEXION navigates through the field according to the boundary determined by the difference in height.

GPS Steering

LEXION combines can be equipped with a GPS guidance compatible system. A GPS guidance system enables the combine to follow parallel tracks through the field and always utilize the full header width of the combine, therefore maximizing your efficiency while harvesting.


CAT
LEXION
595R

STANDARD EQUIPMENT *(Standard and optional equipment may vary. Consult your LEXION dealer for specifics.)*

Electrical
Alternator, 160 Amp, 12 volts
One auxiliary electrical circuit
One battery, maintenance free
Halogen lights for:
- Transport and field and rear view
- Grain tank and unloading auger
- Sieves and returns auger

Warning and road tail lights with signal and two rotating beacons

Powertrain
Turbocharged, air-to-air aftercooled, 6-cylinder diesel engine
- CAT C-9 (560R/570/570R/575R)
- CAT C-13, (580R/585R/590R/595R)

Electronic fuel shut-off
210-gallon (800 L) fuel tank
Rotary screen air intake with dust ejector
Variable hydrostatic ground drive with three-speed EHS transmission (two-speed 590R/595R)

Undercarriage
Mobil-Trac System undercarriage with 35" (889 mm) with low-vibration belts (575R/ 585R/595R)
Front tires: 900/60 R-32 176 A8
Rear tires: 500/85 R-24

Operator Environment
Pressurized cab with air conditioner and heater
Radio ready with two speakers
One large rotating windshield wiper and windshield washer system
Electrically adjustable rearview mirrors
Tilting, telescoping steering column
Multi-adjustable operator seat with air suspension and seat belt
Storage compartment under the seat
Instructional seat with seat belt and storage or cooling compartment
Overhead cooling compartment for food and beverages
Pivoting operator access ladder
Cup holder, lighter, ashtray
Courtesy lights (inside cab)
Tinted glass
Horns, front and rear warning
Floor mat
Controls and instrumentation
- All controls for machine settings and operation as electric or electro-hydraulic controls in the cab
- Hydrostatic ground speed control with multi-functional handle integrated in the R/H armrest of the operator seat
- 17 functions at fingertip control in the multi-function handle
- CEBIS information system, including all major combine functions, alarms and diagnostics
- Grain loss monitor
- Independent hydraulic brakes
- Foot-operated parking brakes (590R/595R electro-hydraulic)

Other Standard Equipment
Header guidance: Contour
Variable speed feederhouse (corn version)
Fixed speed feederhouse
Variable speed APS Threshing System with:
- Accelerator cylinder
- Threshing cylinder
- Multi-crop concave
- Stone trap with manual remote dump
- Foreign object and overload protection

Separation System
- Six straw walker separation (570)
- Dual rotor separation system (All R models)
- Three-speed rotor drive (640/800/962 rpm)

Cleaning System
- Electrical sieve adjustment
- Six turbine fan units (560R/570R/575R, 580R/585R)
- Eight turbine fan units (590R/595R)
- Ventilated cascade pre-cleaner
- Removable preparation pan
- Variable fan speed
- Visual returns inspection door

Grain Handling
- 280 bu (10,500 L) grain tank – 570R/560R
- 24.2 ft. (7.4 m) unloading auger
- 2.8 bushels per second unloading rate
- Heavy-duty grain handling system (corn version combines)
- Hydraulically or electrically folding grain tank covers
- Adjustable covers for grain tank cross auger
- Widespread chopper

Serviceability
- Flip open side shields
- Central lube charts
- Easy access lube banks
- Hydraulic diagnostic quick disconnect
- Central electric compartment
- Electronic diagnostic receptacles

Hydrostatic reel drive
Hydraulic fore/aft reel control
Two feederhouse lift cylinders and multi-stage header shock-absorbing system
Multi-link header coupling system
Slow moving vehicle emblem
Fire extinguisher bracket
Toolbox with assorted tools and parts

OPTIONAL EQUIPMENT

Options

Header
- ❑ Auto Contour
- ❑ Auto-Pilot
- ❑ Laser-Pilot
- ❑ Header pitch feederhouse

Reel control
- ❑ Auto speed
- ❑ Auto speed/height

Threshing, Separation and Cleaning
- ❑ Spike tooth threshing system (rice version)
- ❑ Dual range threshing cylinder speed

- ❑ Three-speed rotor drive (500/640/800 rpm)
- ❑ Variable speed rotor drive (360-1050 rpm)
- ❑ Rotor cover plates
- ❑ Electric rotor covers

- ❑ 3-D sieve system for slope compensation
- ❑ Wind reduction kit for grass seeds (Standard cleaning system only)
- ❑ Quantimeter with infrared yield sensor and self-cleaning moisture sensor
- ❑ GRAINMETER (returns analyzing system)
- ❑ Electronic tailings monitoring

Grain tank
- ❑ 300 bushels (11,000 liters) – 570R/575R
- ❑ 330 bushels (11,800 liters) – 580R/585R (optional 570R/575R)
- ❑ 360 bushels (12,500 liters) – 590R/595R
- ❑ 3.3 bushels per second unloading rate

Unloading auger lengths
- ❑ 24.2 ft. (7.4 m)
- ❑ 26 ft. (8 m)
- ❑ 28.2 ft. (8.5 m)

Residue disposal
- ❑ Chaff spreader
- ❑ Straw deflector
- ❑ Widespread Straw chopper or MAV Straw chopper

Operator comfort
- ❑ XENON field light package
- ❑ Automatic climate control
- ❑ Yield mapping
- ❑ Printer
- ❑ Card reader
- ❑ Radio with weatherband
- ❑ Radio with weatherband and CD

Rear axle
- ❑ Non-powered, fixed or adjustable
- ❑ Powered, adjustable to 120 in. (3,048 mm)
- ❑ Powered, adjustable to 144 in. (3,658 mm)

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