

Bring on more acres.

LEXION Combine Headers





# The new LEXION.

Brighter thinking means a brighter business for you.

Our passion for building combines dates back to 1936, and since then we have continuously shaped the history of harvesting technology. Indeed, no other company has played such a significant role as CLAAS in the development and innovation of today's combine harvesters. But there is more to what we do than advancing technology – we understand the needs of our customers. Much of what farmers and contractors tell us drives our development process to ensure our products fit the needs of their businesses. The demands of our changing world are also constantly driving us forward.

These drivers have made us what we are today: the business-minded manufacturer for the business-minded ag professional. And the partner of choice for revolutionary harvesting technology. We put our brightest thinking into cutting-edge products that help our customers save more time and make more money. So their businesses are even better than before.

The harvesting process starts with the header – and the right header will keep your machine working effectively and performing to the highest standard through diverse harvesting conditions.

Our wide range of CLAAS headers offers you the perfect solution for every application, every crop and every condition. We have combined brighter ideas for our mutual benefit. These ideas not only come from our exacting nature and always wanting to improve - they are also the result of our sheer enthusiasm and passion for agriculture. Because we know that, together, this results in an even brighter future for us all.

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## CONVIO FLEX / CONVIO

Designed to do more.

### **Draper headers for more performance.**

The new CONVIO FLEX / CONVIO draper headers from CLAAS offer unmatched visibility, simplicity and efficiency. Whether the crop is short or tall, lodged or standing, the CONVIO FLEX / CONVIO headers optimize cutting and consistent feeding to maintain leading performance.

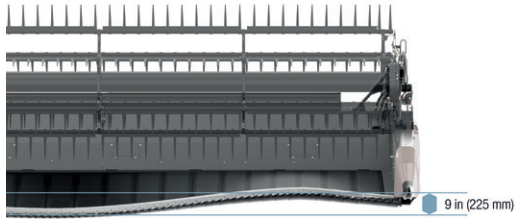
### **CLAAS for more flexibility.**

CLAAS draper headers are designed for universal use across multiple crops. The constant crop flow through the 45, 40, 35, 30, and 25 ft wide (13.8, 12.3, 10.8, 9.3, and 7.7 m wide) headers provides the combine harvester with an even, high-volume supply of crop material.

### **Intelligence for more comfort.**

CLAAS draper headers provide a variety of assistance systems that can be operated from inside the cab. These include ACTIVE FLOAT, AUTO BELT SPEED and AUTO FLEX.





Largest cutterbar flex (up to 9 in) in the industry



CAM action flip over reel



Optional header lighting package

## Innovative reel for the highest throughput.

### **More Visibility.**

Visibility should never be compromised. When paired with the LEXION combine, the CONVIO FLEX / CONVIO headers maximize visibility into the header, allowing you to make more accurate adjustments on-the-fly.

### **More Simplicity.**

All CONVIO FLEX / CONVIO setting adjustments can be made from the cab. Or, let the header make adjustments automatically for faster, more accurate adaptability to changing conditions – resulting in greater uptime and more productivity.

### **More Efficiency.**

A shallow transition, paired with the shortest distance from the cutterbar to the draper belts, results in superior feeding efficiency and higher performance.



ACTIVE FLOAT allows ground pressure to be adjusted for the cab



AUTOMATIC BELT SPEED matches belt speed to combine speed



AUTO FLEX optimizes cutterbar pressure based on ground conditions

## Operator assistance features for added convenience.

### ACTIVE FLOAT for the cutter bar.

CONVIO FLEX is equipped as standard with the ACTIVE FLOAT hydropneumatic suspension. This suspension system allows the ground pressure of the cutter bar to be adjusted to the field conditions from the cab while on the move.

#### Advantages for the operator:

- 1 Precise cutterbar guidance close to the ground through optimal ground pressure
- 2 Ideal when working in conditions where the moisture level - in the form of dew in the morning or evening, for example - is rising

### AUTO BELT SPEED for the conveyor belts.

The AUTO BELT SPEED operator assistance system adjusts the speed of the belts to the harvesting speed continuously and completely automatically.

#### Advantages for the operator:

- 1 Constant, automatic adjustment of the belt speeds, especially in uneven crop stands
- 2 Speeds are always set correctly for an even crop flow

### AUTO FLEX.

CONVIO FLEX includes four different operating modes. One of the modes, AUTO FLEX, optimizes the reel to cutter bar position to ensure consistent feeding in event he shortest of crops. AUTO FLEX puts the cutter bar in the mid position of the flex range, allowing the cutter bar to flex downward and upward based on ground contour.

#### Advantages for the operator:

- 1 Autonomous control of header position
- 2 Maintain consistent crop feeding while shaving the ground
- 3 Cutterbar to reel relationship is kept as close as possible without sacrificing cutting performance

### In-cab Convenience Features.

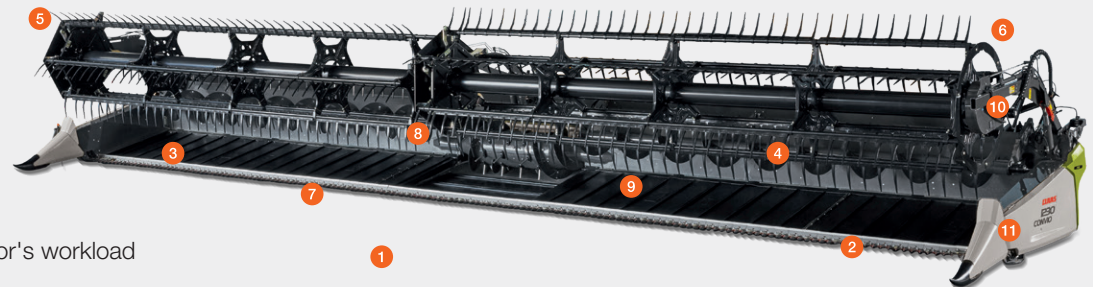
- Flex/rigid adjustment
- Side and center belt reverse/slow speed
- Manual belt speed adjustment
- Automatic belt speed adjustment (AUTO BELT SPEED)
- Top cross auger on/off
- Ground pressure adjustment (ACTIVE FLOAT)
- Automatic parking and operating position
- Up to four programmable header heights
- Four operation modes, selectable on-the-fly:
  - 1 Rigid – for small grain straight cut
  - 2 Rigid/lodged crop flex – for small grain straight cut with lodged crop
  - 3 Flex – for soybeans, beans, lentils, etc.
  - 4 AUTO FLEX – for soybeans, edible beans, lentils, etc.



Reversing is possible with CMOTION (1) or toggle switch (2)

### Features.

- 1 Header widths from 45 ft (13.8 m) to 25 ft (7.7 m)
- 2 9 in (225 mm) flex range\*
- 3 AUTO BELT SPEED: fully automatic adjustment of belt speed based on ground speed.
- 4 ACTIVE FLOAT: in-cab ground pressure adjustment
- 5 CAM action flip over reel
- 6 Automatic reel torque control
- 7 Flattest belt angle in the market
- 8 Optimal view into the cutterbar trough and of the belts
- 9 Four different AUTO CONTOUR modes for optimal easing of the operator's workload
- 10 MUTICROP: suitable for a variety of crops
- 11 Simple and toolless adjustments between crops, such as canola



\* CONVIO FLEX only

## Specifications

CONVIO FLEX		1380	1230	1080	930	CONVIO		930	770
Working width	ft (m)	45 (13.86)	40 (12.34)	35 (10.82)	30 (9.22)	Working width	ft (m)	30 (9.22)	25 (7.66)
End dividers		●	●	●	●	End dividers		●	●
Crop lifters		○	○	○	○	Crop lifters		○	○
Conveyor belt depth	in (mm)	42 (1,066)	42 (1,066)	42 (1,066)	42 (1,066)	Conveyor belt depth	in (mm)	42 (1,066)	42 (1,066)
Center feed roll		1-piece + MULTIFINGER				Center feed roll		1-piece + MULTIFINGER	
Center feed roll diameter	in (mm)	26 (660)	26 (660)	26 (660)	26 (660)	Center feed roll diameter	in (mm)	26 (66)	26 (66)
Rear wall extension		●	●	●	●	Rear wall extension		●	●
Skids		●	●	●	●	Skids		○	○
Knife		2-piece knife + 3 in coarse serration			1-piece knife	Knife		1-piece knife + 3 in fine serration	
Drive		Dual planetary knife			Single planetary	Drive		Single planetary knife	
Vertical flex	in (mm)	9 (225)	9 (225)	9 (225)	9 (225)	Vertical flex	in (mm)	–	–
Spare knife		●	●	●	●	Spare knife		●	●
CAM action reel		●	●	●	●	CAM action reel		●	●
Reel diameter	in (mm)	40 (1,014)	40 (1,014)	40 (1,014)	40 (1,014)	8 bat reel for rice harvest		○	○
Reel tine adjustment		●	●	●	●	High torque reel drive for rice harvest		○	○
Top cross auger		○	○	○	○	Reel diameter	in (mm)	40 (1,014)	40 (1,014)
Vertical side knives		○	○	○	○	Reel tine adjustment		●	●
AUTO CONTOUR		●	●	●	●	AUTO CONTOUR		●	●
AUTO BELT SPEED		●	●	●	●	AUTO BELT SPEED		●	●
ACTIVE FLOAT		●	●	●	●	Automatic parking and operating position		●	●
Automatic parking and operating position		●	●	●	●	LED header light package	num	○ (4)	○ (4)
LED header light package	num	○ (6)	○ (6)	○ (6)	○ (4)	Stabilizer wheels		○	○
Stabilizer wheels		○	○	○	○	Multicoupler		●	●
Multicoupler		●	●	●	●	Weight (will vary depending on options)	lbs (kg)	7,551 (3,425)	6,471 (2,935)
Weight (will vary depending on options)	lbs (kg)	10,229 (4,640)	9,689 (4,395)	8,990 (4,078)	7,518 (3,410)				

● Standard ○ Option –Not available





# CLAAS Corn Heads

High capacity design for high yielding corn.

### CLAAS Corn heads.

Designed to make the most out of your LEXION combine's efficient design, CLAAS corn heads provide high performance no matter what your conditions are. CLAAS corn heads are available in a wide range of widths, from 16 rows to 8 rows, with 30-in row spacing.

### In-cab convenience features.

- Dual deck plate adjustment
- Down corn auger speed adjustment
- Up to four programmable header heights

### Powerful row units.

All CLAAS 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 each ear is picked, keeping material build-up to a minimum.

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 and kernel retention.

### Features/Options.

- 1 Gear case driven row units and auger
- 2 Front supported stalk rolls with adjustable, heat-treated knives
- 3 Gathering chain with hardened pins and poly idler sprockets for extended life
- 4 Durable poly snouts for reduced friction and smooth feeding
- 5 End divider adjustable top cap
- 6 Rubber ear savers
- 7 Down corn auger end divider
- 8 Snout wear strips
- 9 Dual side deck plate adjustment
- 10 Adjustable table auger height
- 11 CLAAS AUTO CONTOUR





#### **Narrow end dividers.**

The end dividers help minimize crop disturbance and prevent bridging of stalks that can result in costly ear loss. The standard end divider adjustable top cap prevents ear loss over the end divider, and the optional down corn auger end divider makes harvesting down corn while maintaining a consistent speed.

#### **Chopping corn heads.**

A successful harvest next year begins with good residue management this year. Chopping corn heads in 30-inch row spacing available from CLAAS are the 8-, 12-, and 16- row models. Each row unit is fitted with three rotating blades which are driven right from the row unit gearbox, allowing for stalks to be chopped while gently picking the ear.

#### **Durable poly snouts.**

The heavy duty poly snouts with stainless steel wear strips provide longer wear while the grain saving snout design helps prevent costly header loss.



## Specifications

Corn heads		Non-chopping			Chopping		
		16-30	12-30	8-30	16-30c	12-30c	8-30c
Number of rows		16	12	8	16	12	8
Row width	in	30	30	30	30	30	30
Gear case driven row units, gearbox row		●	●	●	●	●	●
Auger type		2-piece + MULTIFINGER + height adjustable					
Auger diameter	in (mm)	15 (377)	15 (377)	15 (377)	15 (377)	15 (377)	15 (377)
Auger speed	rpm	203	246	246	203	246	246
Ear saver		●	●	●	●	●	●
Snout wear strips		●	●	●	●	●	●
End Divider adjustable top cap		●	●	●	●	●	●
Knife roller		●	●	●	●	●	●
Deck plates: hardened, full length		●	●	●	●	●	●
Dual deck plate adjustment		●	●	●	●	●	●
Gathering chains		Hardened with pins					
Clutches		Individual row slip clutches					
Chopping knives		—	—	—	●	●	●
AUTO CONTOUR		●	●	●	●	●	●
Multicoupler		●	●	●	●	●	●
Weight (will vary depending on options)	lbs (kg)	12,430 (5,638)	9,486 (4,303)	6,476 (2,937)	13,270 (6,019)	10,116 (4,588)	6,896 (3,128)

● Standard ○ Option —Not available



## MAXFLEX

## Flexible, efficient multi-crop harvesting.

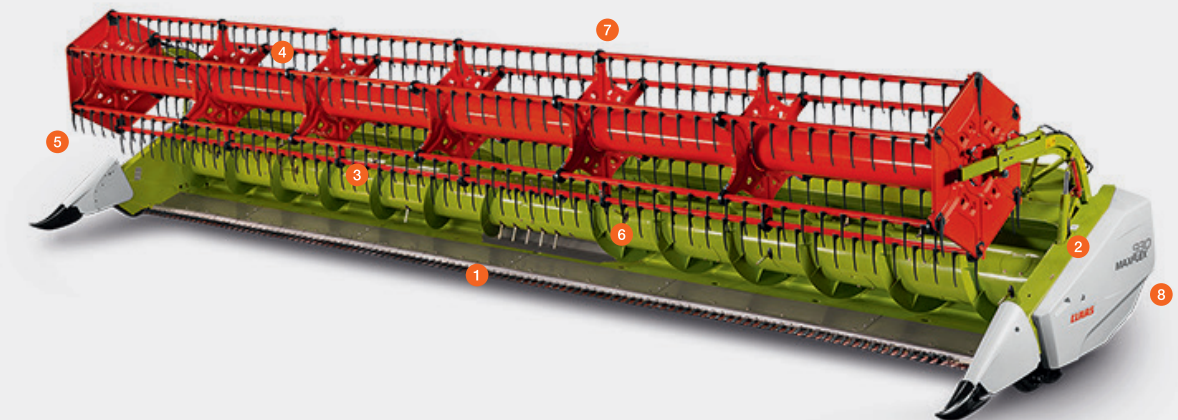
MAXFLEX headers are the most advanced auger-style flex heads in the industry. What sets them apart is their leading cutterbar flexibility and optimized relationship between its auger, reel and table. All MAXFLEX heads feature an extra-short table that reduces the distance of travel between the cutterbar and auger resulting in more efficient crop flow.

All MAXFLEX heads from CLAAS are equipped with a flexible cutterbar that automatically adjusts to changing ground conditions while reducing the potential for scooping up and ingesting foreign debris and rocks.

MAXFLEX headers are also capable of harvesting small grain crops because the MAXFLEX cutterbar can be locked into a rigid position. Hydraulic cylinders are used to adjust the cutter bar from flex to rigid from the cab, and locking bolts can be inserted into the table floor to secure the header in rigid mode. With the optional AUTO CONTOUR sensing bands installed in rigid mode, the MAXFLEX header is able to closely follow the ground contour even in tough terrain.

**Standard Features.**

- 1 7 inches of vertical cutterbar flex
- 2 Single planetary knife drives provide smooth high-performance cutting action
- 3 Larger 26 inch (660 mm) diameter intake auger for enhances crop flow and provides greater anti-wrapping protection
- 4 Poly reel tines with adjustable tine pitch
- 5 Adjustable suspended end dividers
- 6 Full width adjustable auger fingers
- 7 Multi-link coupler
- 8 Spare knife with storage in trough



MAXFLEX		930	770
Working width	ft (m)	30.25 (9.22)	25.25 (7.69)
End dividers		●	●
Crop lifters		○	○
Auger type		1-piece + MULTIFINGER + height adjustable	
Auger diameter/tube diameter	in (mm)	26/660 (16.5/420)	26/660 (16.5/420)
Auger speed	rpm	178	178
Rear wall extension		●	●
Stripper plates		●	●
Skids		●	●
Knife		1-piece knife + 3 in coarse serration	
Drive		Dual planetary knife	
Vertical flex	in (mm)	7 (180)	7 (180)
Spare knife		●	●
Reel type		1-piece, 6 bat	
Reel diameter	in (mm)	40 (1,014)	40 (1,014)
Reel tine adjustment		●	●
Automatic parking and operating position		●	●
LED header light package	num	○ (4)	○ (4)
AUTO CONTOUR		●	●
Multicoupler		●	●
Weight (will vary depending on options)	lbs (kg)	5,888 (2,671)	5,064 (2,289)

● Standard ○ Option –Not available

## VARIO

### Consistent crop flow for maximum throughput.

VARIO auger headers are the first choice for harvesting grain and canola. Ideally suited to deliver high performance, VARIO excels in low or high-yield regions. The ability to adjust the VARIO header table for grain and canola harvesting ensures optimal crop flow at all times.

#### Canola requires particular attention.

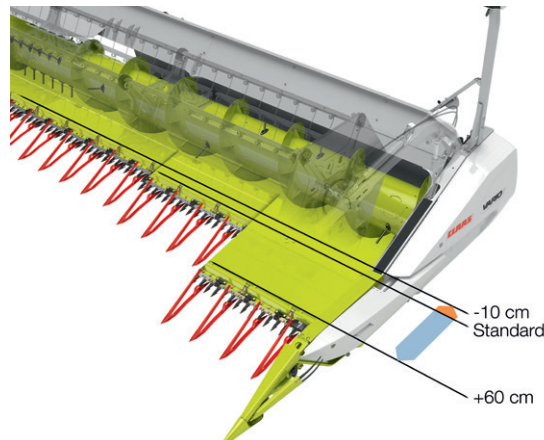
Ripe canola pods require careful handling while being harvested to prevent shatter loss. A rear grain catch pan and floor extensions are key components on VARIO headers.

#### The right cut.

The cutterbar table can be extended forward by 8 inches (20 cm) or shortened by as much as 4 inches (10 cm) from the standard rigid head position to keep the crop flow steady and ensure efficient operation. When harvesting canola, the cutterbar table can be moved forward an additional 20 inches (50 cm) by installing the extension plates. Hydraulically driven vertical side knives (optional) are installed when straight cutting canola and attach easily via quick connects.

#### In-cab convenience features:

- Table fore/aft
- Automatic reel adjustment (speed/fore/aft)
- Up to four programmable header heights
- Automatic parking and operating position



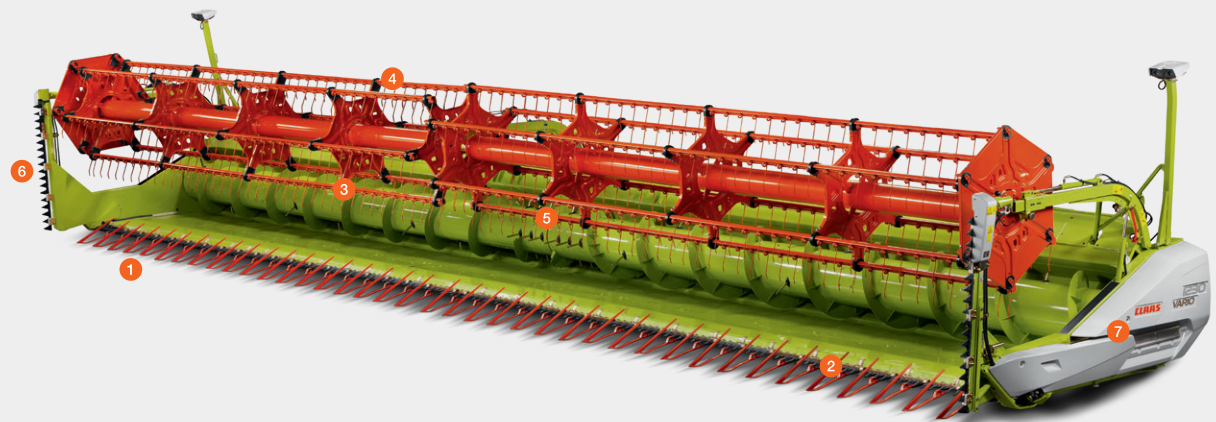




VARIO		1230	1080
Working width	ft (m)	40 (12.34)	35 (10.44)
End dividers		●	●
Crop lifters		●	●
Variable trough	in (mm)	28 (700) + in-cab adjustment	
Auger type		2-piece + MULTIFINGER + height adjustable	
Auger diameter/ tube diameter	in(mm)	26/660 (16.5/420)	26/660 (16.5/420)
Auger speed	rpm	190	190
Rear wall extension		●	●
Stripper plates		●	●
Skids		●	●
Knife		2-piece knife + 3 in fine serration	
Drive		Counterbalance knife drive trough wobble gearbox	
Spare knife		●	●
Reel type		2-piece, 6 bat	
Reel diameter	in (mm)	40 (1,014)	40 (1,014)
Reel tine adjustment		●	●
Automatic parking and operating position		●	●
AUTO CONTOUR		●	●
Multicoupler		●	●
Weight (will vary depending on options)	lbs (kg)	8,959 (4,064)	8,099 (3,674)

**Standard Features:**

- Header widths from 40 ft to 35 ft
- Integrated canola plates allow infinite table depth adjustment out to 28 in (700 mm) for grain and canola
- 26 in (660 mm) intake auger for optimal crop flow
- Optimized reel geometry ensures lowest risk of wrapping
- Intake auger with retractable fingers
- Multi-crop ready
- AUTO CONTOUR



## SWATH UP

### The pick-up specialist.

The SWATH UP 450 header enables growers who windrow their crops to be gentle on the crop while still delivering outstanding pick-up performance.

- Orbit motor on front belt for direct pull, with self-tightening V-belt drive of rear belt.
- Easily adjustable front wheel position with ultra float suspension for improved stability, reduced wheel bounce and reduced ground pressure.
- Draper roller mounting position reduces grain loss and back feeding.
- Multi-crop pick-up
- Automatic pick-up speed

SWATH UP		450
Working width	ft (m)	15 (4.5)
Auger type		1-piece + MULTIFINGER + height adjustable
Auger diameter/ tube diameter	in (mm)	26/615 (16/410)
Auger speed	rpm	141-204
Belt		4 connected belts + slatted
Stabilizer wheels		●
Draper fingers		●
AUTO CONTOUR		●
Multicoupler		●
Weight (will vary depending on options)	lbs (kg)	3,011 (1,366)

● Standard ○ Option –Not available

#### Features.

- 1 Four connected pick-up belts and a large drive roller minimize slip with heavy swaths
- 2 18 in of wheel float to compensate for changing terrain and to avoid foreign objects
- 3 Overlapping upper and lower decks maximize seed saving in small swaths
- 4 Automatic header height control
- 5 Hydraulically operated crop hold-down
- 6 CLAAS AUTO CONTOUR height sensors.



# For those who know the window isn't getting any wider.

## Whatever it takes.

Your harvest success is important to us. You can always rely on CLAAS Service & Parts. We'll be there when you need us - around the clock if necessary - to provide the perfect solution for your machine and your business. Whatever it takes.

## On Your Farm Parts.

Have the parts you need, right where you need them. The CLAAS On Your Farm Parts program allows you to customize a selection of parts to keep on your farm in order to keep your machine running. CLAAS is committed to supporting your parts needs.

## North American parts centers

The CLAAS of America Parts Logistics Centers in Columbus, Indiana, and Regina, Saskatchewan, provide world-class parts throughout North America for all CLAAS products. They provide the CLAAS dealer network with reliable, consistent parts availability and industry-leading responsiveness. Whatever it takes.

## FIRST CLAAS SERVICE

The expertly trained, experienced service technicians in the CLAAS dealer network will be with you in next to no time whenever you need assistance. You can count on the technicians in our dealer network to listen to your concerns and provide you with the precise service that you need.





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