



Front attachments

## Combine harvester front attachments

LEXION TUCANO AVERO DOMINATOR

**CLAAS**







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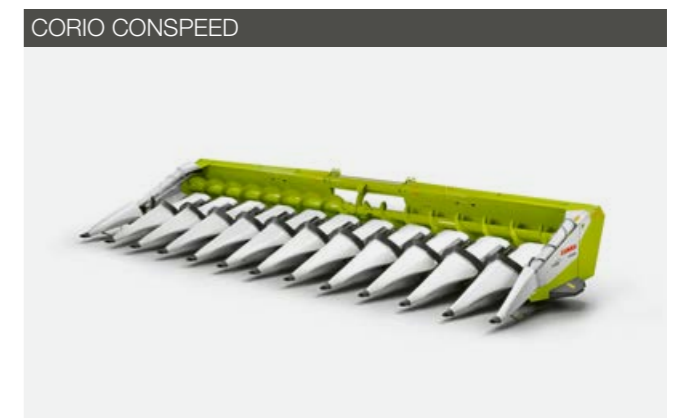
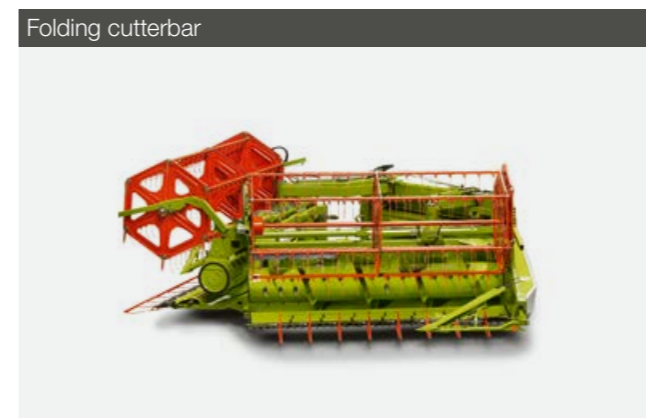
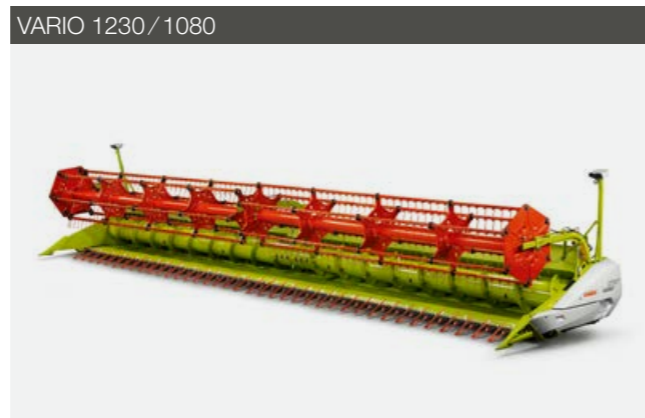
# Combine harvester front attachments. Meeting diverse harvesting requirements.

For every requirement.

The wide range of CLAAS combines offers you the right machine for every job. But the harvesting process starts with the front attachment and only the right one will allow your machine to work effectively and to perform to the highest standard.

CLAAS ensures that the harvesting process gets off to the best possible start by offering you the right front attachment – and therefore a high level of flexibility - for every threshable grain. Whether you are harvesting grain, such as wheat, rye, barley, oats and triticale or rapeseed, maize, sunflowers, rice, soya, flax, beans, lentils, millet, grass seed or clover seed – CLAAS front attachments allow you to make full use of your combine's performance potential.

The wide range of CLAAS front attachments offers you the perfect answer – for every machine, every application, every crop and every requirement.







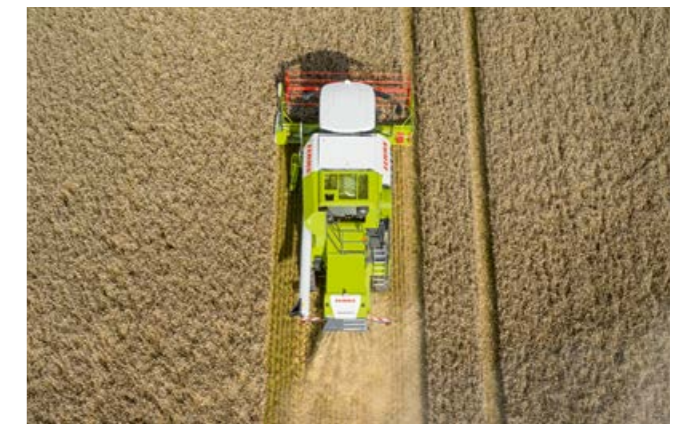
## Standard cutterbars.

The C 490 to C 370 standard cutterbars are equipped with the tried and trusted rigid cutterbar table. They impress with their excellent manageability and remarkable qualities.

## The highlights at a glance:

- Intake auger diameter of 480 mm for excellent crop flow
- C 490, C 430 and C 370 for AVERO
- C 450, C 420 for the DOMINATOR 130
- Robust knife drive
- Proven rigid cutterbar table
- MULTIFINGER intake auger
- Hydraulic reel drive





## Use.

The compact standard cutterbars from CLAAS deliver excellent grain harvesting results. They represent a reliable cutterbar choice for the DOMINATOR and the AVERO which is ideal for harvesting in small areas and compact field patterns.

## Technology.

- Proven rigid cutterbar table
- Robust knife drive via oil-bath transmission
- 1120 strokes/min
- Automatic tensioning of drive belts
- MULTIFINGER intake auger
- 480 mm diameter intake auger
- Intake auger height is infinitely adjustable



Robust drive.



Stripper bars adjustable from outside (C 490, C 430, C 370).



The C 450 and C 420 cutterbars are available for the DOMINATOR 130.





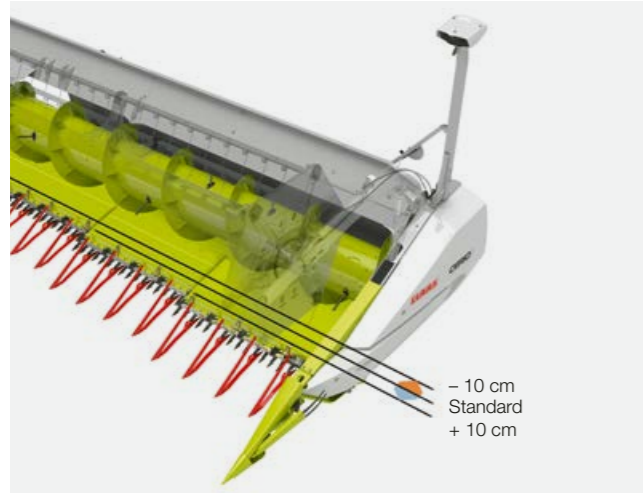
### CERIO cutterbars.

CLAAS has extended its range of standard cutterbars with the CERIO 930 to 560 models. These are based on the VARIO 930 to 500 cutterbars and represent an optimal alternative for grain harvesting.

### The highlights at a glance:

- Cutterbar table has an overall manual adjustment range of 200 mm
- Large, 660 mm diameter intake auger for optimal crop flow
- Reel optimised to reduce stalk take-up
- MULTIFINGER intake auger
- Crop dividers adjustable for height without tools





## Technology.

- Manually adjustable table position from
  - 100 mm to + 100 mm
- Overall manual adjustment range of 200 mm
- Knife drive shaft with automatic, telescopic function
- Continuous knife bar and continuous reel
- Front attachment mechanical drive on one side
- Intake auger and knife bar mechanically driven via gearbox and drive shaft
- Reel with optimised reel tine carriers, wear-resistant tine tube bearings and a new design to reduce risk of wrapping and stalk take-up
- Angled cross-tube for a better view of the cutterbar table from the cab
- Intake auger height is infinitely adjustable
- Feeder housing and intake auger can be reversed
- Stripper bars adjustable from the outside
- LASER PILOT for automatic guidance system can be folded and adjusted without the need for tools
- Automatic parking and transport position
- Automatic operating position

## Use.

The CERIO model series is based on the VARIO 930 to 560 cutterbars and is an alternative for grain harvesting. It is ideally suited to deliver high performance and high area output, whether operating in low or high-yield regions. The cutterbar table can be adjusted manually from - 100 mm to + 100 mm. This means that the cutterbar is able to respond to differing crop conditions or varieties.

The wide range of models, from the CERIO 930 to the CERIO 560, allows the LEXION, TUCANO and AVERO to use CERIO cutterbars.



## Cutterbar adjustment.

- Manual adjustment under cutterbar table
- 10 screw fixings allow adjustment of cutterbar table
- 5 table positions can be set: + 100 mm, + 50 mm, 0 mm, - 50 mm, - 100 mm

## Use in rice.

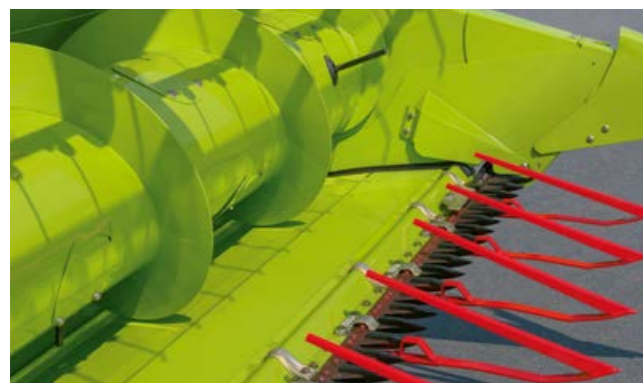
The CERIO cutterbars are equipped ex factory – or can easily be converted – with a coated feed roller and a rice harvesting system for optimal performance in rice.



## Rugged drive train.

Thanks to its planetary transmission, the knife bar drive runs extremely smoothly. When the cutterbar table position is changed, the drive shaft adjusts telescopically at the same time, thus allowing work to continue in any position without the need for operator intervention.

The feed roller and knife drive are protected by individual overload clutches. This system allows the CERIO cutterbar to withstand the most adverse conditions and ensures reliable operation.



Cutterbar table retracted – grain (- 100 mm).



Cutterbar table extended – grain (+ 100 mm).



Quick and easy replacement of dividers.



Easy adjustment of divider height using the panel key.



## The VARIO cutterbars.

VARIO 1230 / 1080 / 930 / 770 / 680 / 620 / 560 / 500



### VARIO cutterbars.

VARIO cutterbars from CLAAS are synonymous with the best cutterbar table adjustment system in the market. With its VARIO 1230 to VARIO 500 models, CLAAS has made systematic enhancements to its proven VARIO cutterbar range.

### The highlights at a glance:

- Integrated rapeseed plates allow infinite adjustment within an overall range of 700 mm for grain and rapeseed
- Large, 660 mm diameter intake auger for optimal crop flow
- Reel optimised to reduce stalk take-up
- MULTIFINGER intake auger
- Quick-release mounting system allows crop dividers and rapeseed knives to be fitted/removed without the need for tools
- Automatic parking and transport position
- Automatic operating position



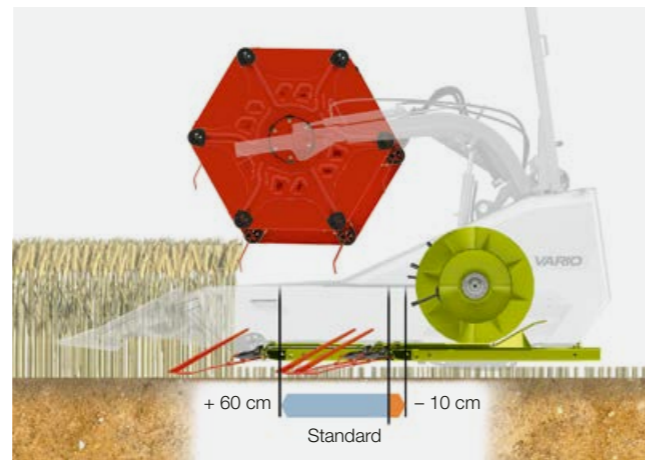
## Use.

The new generation of VARIO cutterbars is the first choice for harvesting grain and rapeseed. It is ideally suited to deliver high performance and high area output, whether operating in low or high-yield regions. The ability to adjust the VARIO cutterbar table for grain harvesting (short or long straw varieties) and rapeseed ensures an optimal crop flow at all times and therefore results in an increase in total machine performance of up to 10%.

The wide range of models, from the VARIO 1230 to the VARIO 500, allows the LEXION, TUCANO and AVERO to use VARIO cutterbars.

## Technology.

- Cutterbar table with integrated rapeseed plates
- Table position adjustable from - 100 mm to + 600 mm using the multifunction control lever
- Cutterbar table with infinitely variable overall adjustment range of 700 mm
- Knife drive shaft with automatic, telescopic function
- Continuous knife bar and continuous reel (VARIO 930 to VARIO 500)
- Front attachment mechanical drive on one side (VARIO 930 to VARIO 500)
- Intake auger and knife bar mechanically driven via gearbox and drive shaft
- Reel with optimised reel tine carriers, wear-resistant tine tube bearings and a new design to reduce risk of wrapping and stalk take-up
- Angled cross-tube for a better view of the cutterbar table from the cab
- Intake auger height is infinitely adjustable
- Feeder housing and intake auger can be reversed
- Stripper bars adjustable from the outside
- LASER PILOT for automatic guidance system can be folded and adjusted without the need for tools



Cutterbar table retracted – grain (- 100 mm).



Cutterbar table extended – with rapeseed knives (+ 600 mm).



## Plug & Play for rapeseed.

Thanks to the rapeseed plates integrated in the cutterbar table and the ability to fit the rapeseed knives without the need for tools, conversion to rapeseed harvesting takes only a matter of minutes. Connecting the rapeseed knives to the hydraulic system automatically activates the hydraulic pump which drives the side knives. The connection is made easily with two flat-seal couplings.

- The hydraulic pump is switched on and off automatically
- Even with the rapeseed knives fitted, the table can still be extended or retracted by 150 mm
- A locking transport container on the attachment trailer allows the rapeseed knives to be carried securely and saves weight on the cutterbar

## Use in rice.

The VARIO cutterbars are equipped ex factory – or can easily be converted with a coated feed roller and a rice harvesting system – for optimal performance in rice.



## Rugged drive train.

Thanks to its planetary transmission, the knife bar drive runs extremely smoothly. When the cutterbar table position is changed, the drive shaft adjusts telescopically at the same time, thus allowing work to continue in any position without the need for operator intervention.

The feed roller and knife drive are protected by individual overload clutches. This system allows the VARIO cutterbar to withstand the most adverse conditions and ensures reliable operation.



Rapeseed knives fitted by means of quick-release mounting system.



# The new VARIO cutterbars: VARIO 1230 and VARIO 1080.



## Optimal crop flow.

The VARIO cutterbars from CLAAS are designed for the most demanding field conditions. An optimal crop flow, clean cutting and a robust design are the defining characteristics of the two largest models, the VARIO 1230 and VARIO 1080. For these working widths, CLAAS uses the principle of the divided reel and intake auger as well as a divided knife bar.

Ever since its introduction in 2009, this system has proved to be the ideal solution under all conditions for the high throughput associated with the most powerful LEXION combine harvesters. The crop flows from both halves of the cutterbar are combined at the centre of the cutterbar. The outstanding strength and ruggedness required to handle such large quantities of harvested material have made the VARIO cutterbars the benchmark for the industry.

## Precise adjustment produces the best results.

An optimal crop flow starts right at the cutterbar, with the correct height setting of the intake auger being a particularly important factor. This is why height scales are provided at the adjustment points on the left and right sides and in the centre. This makes for effortless adjustment of the auger to the perfect height for every requirement.



## The drive train.

Thanks to the mechanical drive via drive shafts, gears and large chains, the drive train is extremely efficient and requires little maintenance. The synchronised knife drive makes for a very smooth-running cutterbar. An overload clutch protects the entire drive train in the event of the intake auger becoming jammed. The knives are driven by gears on the left and right sides and are also protected by overload clutches.

Overload protection is also provided for the hydraulic drive of the rapeseed knives. If one of these is jammed by a foreign body, a shut-off valve protects the hydraulic system from overpressure.

## PREMIUM LINE equipment.

PREMIUM LINE equipment is available for the VARIO 1230 and 1080 cutterbars. Where this is specified, the centre of the cutterbar trough in the area of the feeder housing is made of stainless steel. In addition, the AUTO CONTOUR sensor bands are made of wear-resistant material and the skids under the cutterbar table are adjustable without tools.



## Following the ground.

In order to ensure that excellent cutterbar guidance is also maintained over large working widths, the VARIO 1230 and VARIO 1080 models have two additional sensors. These are located in the centre and provide the AUTO CONTOUR system with an additional signal to identify the position of the cutterbar table.





# Rice harvesting with the VARIO and CERIO cutterbars.



## The right equipment for a tough job.

Rice stalks are extremely tough. To achieve clean, top quality cutting results at a high rate in this hard and unforgiving material, the VARIO 930-500 and the CERIO 930-560 cutterbars can be adapted to the conditions.

Special double fingers and adjustable crop guards help ensure efficient cutting under even the most adverse conditions.

## An impressive line-up.

Various cutterbar widths with matching rice components are available for the TUCANO and LEXION series. They are identical to the standard cutterbars of the corresponding models with regard to function and operation.

The high-performance VARIO cutterbars from CLAAS are also available with rice harvesting components to enable quick adjustment to changing harvesting conditions.

## Hardened intake auger.

During rice harvesting operations, the machine has to cope with an excessive amount of dirt. To inhibit premature wear, the hardened intake auger has sintered edges.

The speed of the intake auger is reduced to ensure optimal feeding of the green and heavy rice plants.







## MAXFLEX cutterbars.

The 1200 to 560 MAXFLEX cutterbars offer you the perfect solution for harvesting crops close to the ground. Their unique multicrop capability for grains and soybeans also results in high flexibility and makes them extremely user-friendly when harvesting a variety of different crops.

### The highlights at a glance:

- 180 mm flexible knife bar
- Knife bar is suitable for soybeans and grains (multicrop capability)
- Electrohydraulic system allows flexible knife bar to be set to rigid configuration and returned to flexible mode again from the cab
- Large, 660 mm diameter intake auger for optimal crop flow
- Reel optimised, lowest risk of wrapping
- MULTIFINGER intake auger
- New type of flexible reel tines for working close to the ground





## Use.

Legumes, such as soybeans, peas and lentils, grow in pods close to the ground. It is therefore important to cut the crops as close to the ground as possible at harvest time. In this way, every last pod gets picked up by the machine and cutterbar losses are effectively prevented.



## Technology.

- 180 mm flexible knife bar
- Electrohydraulic system allows flexible knife bar to be set to rigid configuration (for use in grains) and returned to flexible mode again (soybean harvesting) via the multifunction control lever or directly on the cutterbar
- Cutting angle adjustment for different conditions via HP feeder housing and V channel
- Stripper bars adjustable from the outside
- Optional grain baffle to avoid grain loss
- Intake auger height is infinitely adjustable
- LASER PILOT for automatic guidance can be folded and adjusted without the need for tools
- Compatibility with grain thanks to grain sensors, crop lifters and grain cutting system
- Stainless steel floor plate in central area of cutterbar table
- Automatic parking and transport position
- Automatic operating position



## Optimised settings.

Adjustable skids for reliable front attachment guidance and cutting height adjustment.



## Just follow the ground.

Skids with integrated AUTO CONTOUR system for perfect adaptation to ground contours across entire working width.



## Reliable cutting.

For clean cutting, even under adverse conditions (e.g. moist plants, weeds), the short double fingers are open at the front.



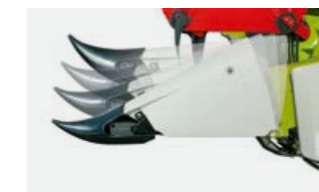
## Great versatility.

Front attachment guidance when harvesting grain can be provided by equipping the left and right sides each with a pair of AUTO CONTOUR sensors.



## Grain harvesting equipment.

Short, closed double fingers make it possible to fit crop lifters.



Special long or short crop dividers can deflect upwards.



Stowage position for crop divider points during transport.





## MAXFLO.

With their crop intake via conveyor belts and central augers, the MAXFLO cutterbars are suited to regions with medium yields where they ensure an optimal crop flow.

### The highlights at a glance:

- Active crop transport in the cutterbar by means of conveyor belts
- Speed of conveyor belts is adjusted as required
- Swathing to left / right possible
- LASER PILOT for automatic guidance can be folded and adjusted without the need for tools
- Feeder housing and conveyor belt can be reversed
- Outstanding performance in rice



## Use.

With their active crop transport system using conveyor belts, the MAXFLO cutterbars are designed for harvesting in low-yield regions. The adjustable conveyor belt settings allow them to be matched optimally to changing crop growth levels and different ground speeds.

## Technology.

- Cutterbar table with conveyor belt
- The drive to the synchronised, counter-directional knives is transmitted by drive shafts on the left and right on the feeder housing
- The feed augers in the cutterbar are driven by gears or hydraulically
- The speed can be adjusted to three settings (150 / 200 / 250 rpm)
- The speed of the conveyor belts can be adjusted continuously
- The conveyor belts can be reversed
- Overload protection for knife drive and intake auger
- Reel with optimised design to reduce risk of wrapping and stalk take-up
- LASER PILOT for automatic guidance system can be folded and adjusted without the need for tools
- Stabiliser wheel (right / left) for optimised CONTOUR and AUTO CONTOUR guidance of the cutterbar as well as a reduced load on the feeder housing
- Rapeseed knives and additional transverse augers are available for the rapeseed harvest



## Functional principle.

The crop is cut by the knife bar and actively transported to the feeder housing by conveyor belts. This principle ensures that even small quantities of material are transported reliably. Ahead of the feeder housing, side feed augers pick up the material and transport it to the feeder housing with the aid of a guide element.

This active crop transport system ensures a constant crop flow in the cutterbar and thus also even delivery to the feeder housing and the threshing system.



## Large reel.

The large reel maintains a consistent crop flow from the knife bar to the conveyor belts, even when yields are low.



## Use in rice.

The MAXFLO 900 is equipped ex factory – or can easily be converted with a rice harvesting system – for optimal performance in rice.



## Rugged drive.

- Low-maintenance drive via gearbox and drive shaft
- Knife bar driven via eccentric gearbox
- Clean cut even at high ground speeds thanks to high cutting frequency
- Synchronised drive at left and right for divided knife bar on MAXFLO 1200 and 1050
- Hydraulic pump for rapeseed knives integrated in drive train



## Plug and Play for rapeseed harvesting.

- Connecting the rapeseed knives to the hydraulic system automatically activates the hydraulic pump which drives the side knives. The connection is made easily with two flat-seal couplings.
- The hydraulic pump is switched on and off automatically
- Additional augers for high-volume crops can be fitted between the feed augers and the side walls



CONTOUR and AUTO CONTOUR sensor bands.



Stabiliser wheel for optimal front attachment guidance.



Guide element with curved track.





## Folding cutterbars.

In smaller-scale settings in particular, there are many advantages associated with a compact cutterbar which can be deployed quickly and remain on the combine harvester.

### The highlights at a glance:

- No additional trailer necessary
- Front attachment mechanical drive
- MULTIFINGER intake auger
- Transport width of 3.0 m
- Controls for folding mechanism by access ladder outside cab
- Full AUTO CONTOUR capability
- Very good view through folding mechanism in direction of travel



## Use.

The folding cutterbars do away with the need to attach and detach the cutterbar. At the same time, they ensure optimal handling during travel with outstanding visibility and enable transfers from field to field with practically no interruption. During transport, too, whether on field tracks, narrow roads or in dense traffic, the folding cutterbars offer outstanding visibility and excellent transport characteristics.

## Technology.

- Divided knife bar and divided reel
- Front attachment mechanical drive on one side
- Intake auger and knife bar mechanically driven via gearbox and drive shaft
- Intake auger height is infinitely adjustable

## Transport.

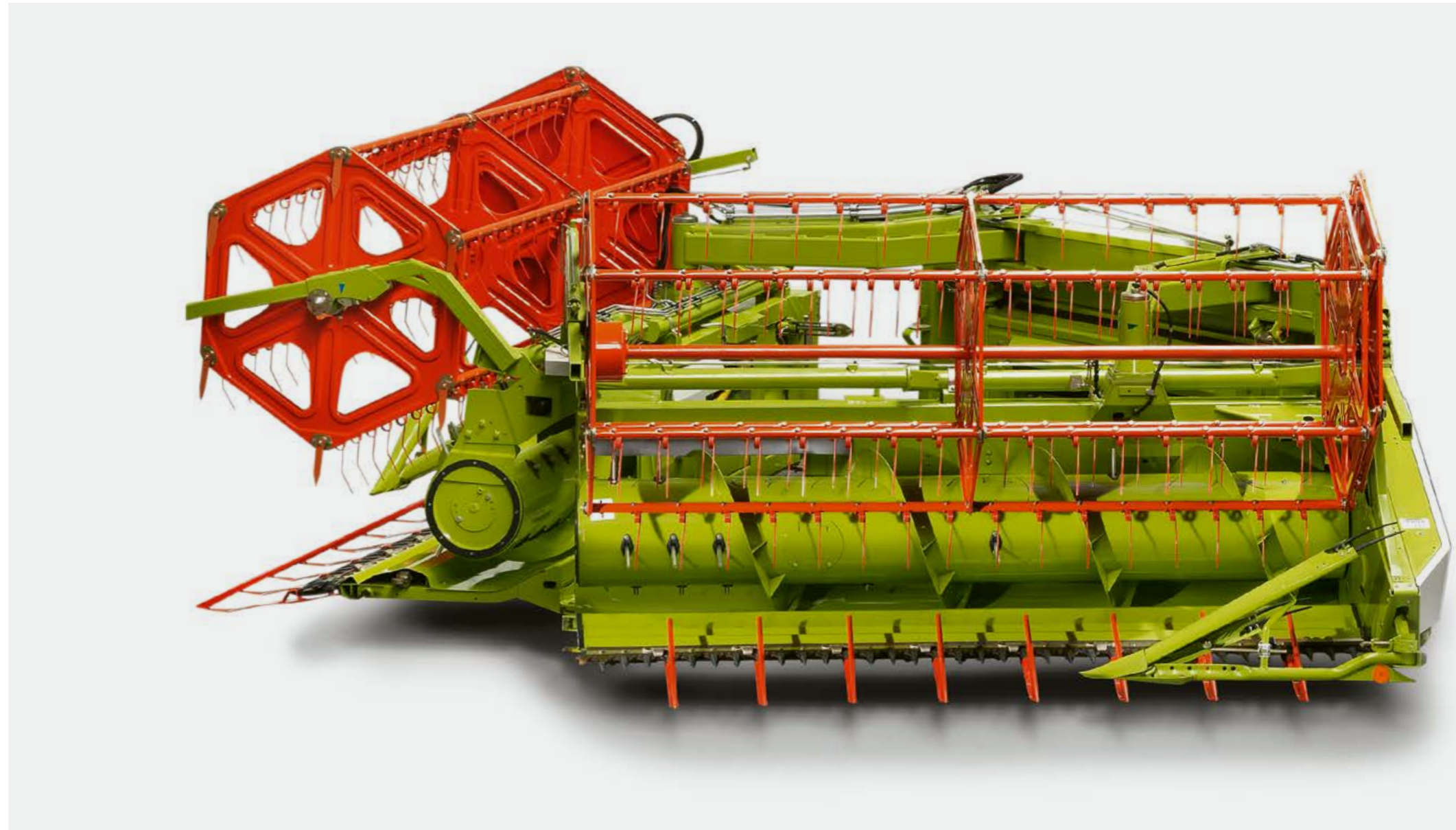
The compact design ensures optimum visibility and excellent manoeuvrability in severely restricted spaces while taking into account the permissible transport width.

## Folding.

The fully hydraulic folding function is activated at the touch of a button. The strong, sectional frame construction makes for precise actuation and ensures long-term operating reliability.

## Harvesting.

The folding cutterbar is ready for action in a matter of seconds. Move the dividers into position, engage the drive shaft and you are ready to go.



Transport



Folding



Harvesting





### CORIO CONSPEED and CORIO.

The new CORIO and CORIO CONSPEED maize pickers are equipped with established technologies as well as unique new features.

#### The highlights at a glance:

- 17° operating angle to prevent cob losses
- Straight (CORIO) and conical snapping rollers (CORIO CONSPEED)
- New, robust drive train in all CORIO models
- New hood shape for more gentle crop handling
- Unique folding system for hood tips reduces the length of the picker on the road by almost 80 cm
- Feeder chain is easy to change and tension
- Replaceable wear parts integrated in hoods
- CORIO CONSPEED maize picker as 12, 8 and 6-row units
- CORIO maize picker as 8, 6, 5 and 4-row units
- Row widths of 90, 80, 75 and 70 cm



## CORIO CONSPEED / CORIO.

## Use.

The CORIO CONSPEED and CORIO model series are the right maize pickers for harvesting grain maize or corn cob mix. Whether working in high-yield crops or very dry maize stems, the CORIO CONSPEED and CORIO maize pickers ensure a clean, effective picking process, from the LEXION to the AVERO.

Thanks to the new folding mechanism for the hood tips, the length of the CORIO and CORIO CONSPEED models can be reduced by almost 80 cm for road transport. This makes for safe on-road travel, even when negotiating junctions and field exits where visibility is restricted.

## Functional principle.

The hoods ensure that the maize stems are fed evenly and gently into the snapping rollers. The stems are captured by the rollers and pulled downwards. At the same time, snapping plates separate the maize cobs cleanly from the stalks.

Horizontal choppers operating at a constant speed chop up the maize stalks which have been pulled down. The intake auger then transports the maize cobs to the feeder housing.

The central elements of the CORIO CONSPEED and CORIO maize pickers are the snapping rollers which also embody the main difference between the two models.

- CORIO CONSPEED: conical snapping rollers
- CORIO: straight snapping rollers



## Technology.

- Efficient, free-running drive for all CORIO CONSPEED and CORIO models
- Quick and easy speed adjustment by changing the combination of gears
- Spiral intakes on the snapping rollers improve stalk intake
- Mechanically or hydraulically adjustable snapping plates allow the cobs to be separated cleanly
- Each snapping gear unit is individually protected against overload and foreign bodies
- The drives for the snapping rollers and knives are integrated in the robust gear housing
- Available in rigid or folding versions
- AUTO PILOT and AUTO CONTOUR optionally available for all models
- The horizontal chopper captures plants along the entire length of the picker opening.



## 17° operating angle.

At 17° the CORIO CONSPEED and CORIO models have the flattest operating angle in the market.

- The operating angle has been reduced by approximately 10%
- Reduction in cob losses, especially those resulting from "cob jump-off"
- In laid maize in particular, the flat angle and the new hood shape help make for blockage-free operation



## Horizontal chopper.

Each picking unit is equipped with a horizontal chopper integrated in the transmission unit. The position of the chopper knives enables precise chopping of the rest of the plant throughout the entire picking process.



## Top form.

The front section of the hoods has been given a new and unique shape. Furthermore, the characteristics of the surface have been improved.

- Even more gentle crop handling thanks to the optimised shape of the hoods
- The flanks of the hoods have been designed in such a way that maize stalk capture is delayed and takes place at a more flexible point in order to avoid cob losses
- Improved performance in laid maize



## Precise chopping.

The precise chopping encourages the rotting of the crop residues and helps create a consistent seedbed for the following crop.



## CORIO CONSPEED / CORIO.



## Maintenance position.

A new concept for opening the hoods provides quick and easy access for maintenance or cleaning. Only a few simple steps are required to put a hood into the maintenance position without the need for tools.



## Easy handling.

The conveyor chains can be tensioned and changed easily, conveniently and quickly. Once the hoods have been put in the maintenance position, a simple assembly lever is all that is required to release a chain, tension or replace it.



## New folding mechanism.

A new design allows the hoods to be folded easily into a compact transport position. As well as being easy to use, the new arrangement makes for better visibility during on-road travel as it allows the front attachment to be shortened by 80 cm.



## On-road travel.

Covers and a light bar make for safe on-road travel in accordance with the relevant traffic regulations.

## Rubber cob retainer.

All models are equipped as standard with small rubber cob retainers to prevent the cobs from falling out. A large rubber cob retainer is available as an option to enable loss-free harvesting in tall crops too. Fitting and removal can be performed by means of a quick mounting system on each hood.



## Integrated wear parts.

Replaceable wear parts are integrated on the right and left sides of the hoods. When worn, the individual parts can be replaced instead of having to replace the entire hood.



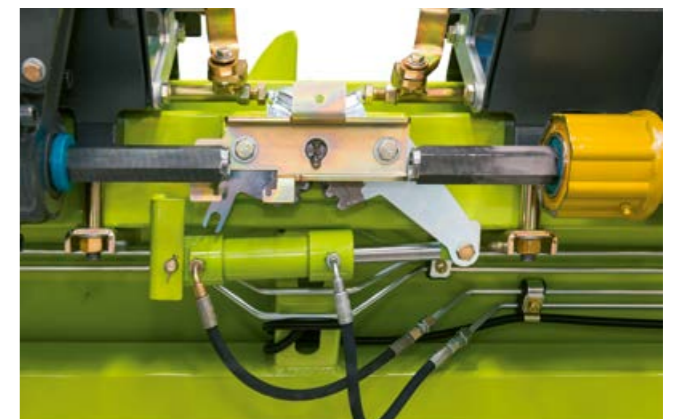
## Sunflower kit.

Simply turning round the feeder chain is all that is required to switch over quickly for sunflower harvesting. In addition, rigid knives are fitted on the snapping plates along with side hood extensions and a raised rear wall panel.



## Snapping plate adjustment.

Depending on the model, a mechanical or hydraulic snapping plate adjustment system is fitted as standard. The hydraulic variant, which allows convenient adjustment from the operator's seat, can also be added as an option.

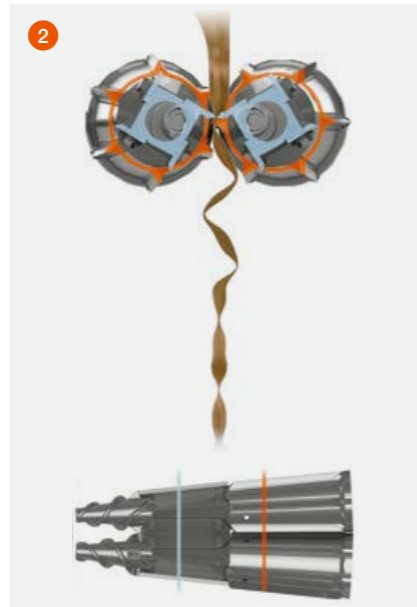




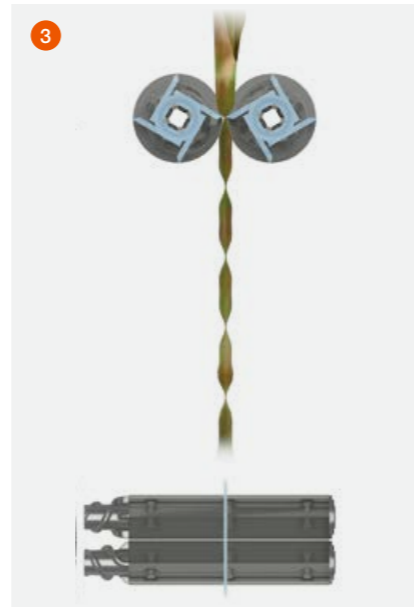
## CORIO CONSPEED



## CORIO CONSPEED



## CORIO



## Conical – CORIO CONSPEED.

- Conical snapping rollers
- Hybrid or standard snapping rollers available
- Four bolt-on knives are fitted on the front section of each hybrid snapping roller
- Tungsten-carbide coating ensures high wear resistance
- Horizontal chopper can be switched off

## Straight – CORIO.

- Straight snapping rollers (forward mounted bearings)
- Snapping roller knives along entire length
- Four bolt-on knives per snapping roller
- Horizontal chopper is driven continuously

## Recommended uses.

Depending on the region and climate, the maturity of the maize plants varies at the time of harvest. CLAAS therefore offers a range of snapping rollers in order to enable the best possible picking performance.

**1 With a uniform profile.**

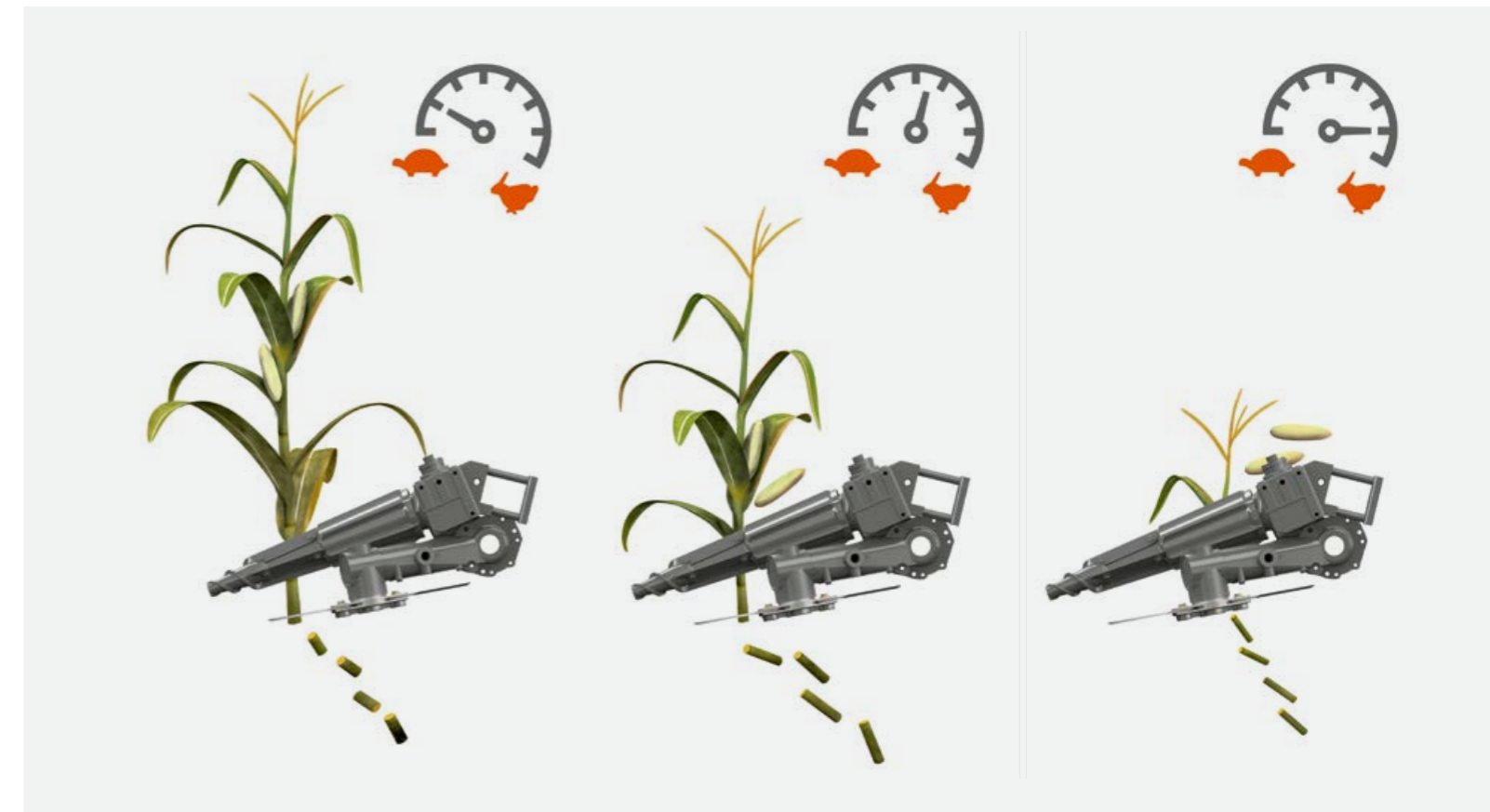
This roller shape is particularly suited to dry conditions. The profiles of the two rollers engage and the plants are pulled downwards very gently. In dry conditions, in particular, this arrangement prevents early detachment of the plants.

**2 Hybrid snapping rollers.**

The special snapping rollers are particularly suited to green crops. Four knives which aggressively pull the thick stalk sections downwards are bolted to the front end of each hybrid snapping roller. The rear end of the hybrid snapping rollers has the standard profile.

**3 Straight – CORIO.**

The straight snapping rollers can be used universally. The throughput speed of the maize stems remains constant during picking.



## Operating principle of conical rollers.

The key characteristic of the conical snapping rollers is that the speed with which each maize plant is pulled through the rollers increases as the diameter of the roller increases. In this way, even at higher ground speeds, the plant is drawn in gently at first and then more quickly. This means that it is possible to avoid cob losses as well as unnecessary plant residues in the machine resulting from the plants being broken off.

## How you benefit.

- Top chop quality thanks to the low throughput speed at the lower end of the maize stalk
- Avoidance of cob losses and damage through breakage thanks to the gradual increase in throughput speed
- Fewer straws and plant residues in the machine mean higher throughput and, therefore, make it possible to attain a higher ground speed







## SUNSPEED.

The SUNSPEED sunflower cutterbars impress with their unique picking concept, very high output per unit area with the lowest losses and ease of operation.

### The highlights at a glance:

- SUNSPEED sunflower front attachment available as 16, 12 and 8-row units
- Harvests flower heads exclusively - stalk-free picking concept
- The height and speed of the reel can be synchronised to the ground speed conveniently from the cab
- Adjustable guide plates keep the stalks securely in position
- The gap between the shuttles can be adjusted to the stalk thickness
- The shuttles can be adjusted for tilt



## Use.

The SUNSPEED sunflower cutterbar is the optimal solution for sunflower harvesting. The unique functional principle enables a significant reduction in both the load on the threshing system and the degree of cleaning required to remove non-grain constituents.

Its high degree of versatility with regard to different row widths and stalk thicknesses makes the SUNSPEED the universal front attachment for sunflowers.

## Technology.

- Knife drive features a low-maintenance oil-bath transmission
- High cutting frequency of 1200 strokes per minute
- Snapping roller and intake auger are driven by chains and belts
- Shuttle width adjustable by up to 20 mm
- Shuttles up to 1800 mm long for even stalk guidance
- Adjustable circumferential reel speed
- Adjustable intake auger speed
- Automatic adjustment of reel speed based on ground speed



Adjustable shuttles



Snapping roller

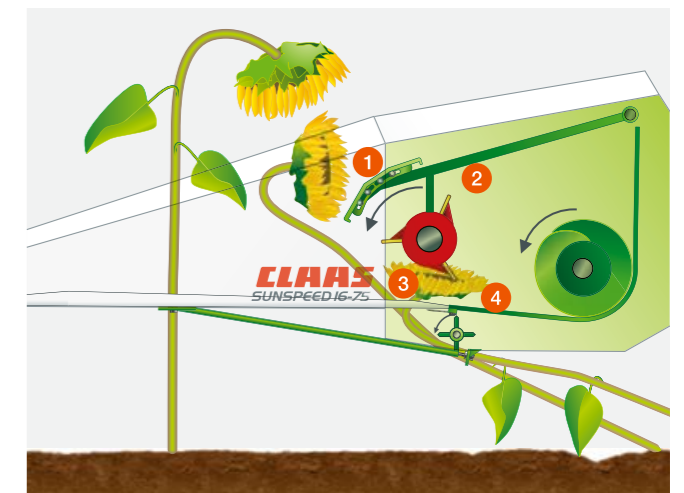


## Functional principle.

Once the sunflowers are collected by the shuttles, the adjustable guide plate ensures that the flower heads are pushed forwards. At the same time, the snapping roller below the knife bar pushes the stalks downwards. In this way, the guide plate and snapping roller prevent the stalks from being cut too soon. The cut is not performed until the sunflower heads are captured by the reel. As a result, only the flower heads reach the intake auger which finally delivers them to the feeder housing.

This unique functional principle makes for:

- Lower fuel consumption
- Increased threshing and cleaning performance
- Low wear of all components



- 1 Adjustable guide plate
- 2 Reel
- 3 Knife bar
- 4 Snapping roller





## SWATH UP.

The SWATH UP is the front attachment for clean and reliable swath pick-up.

### The highlights at a glance:

- Universal front attachment for different crop types
- Pick-up belts for consistent swath pick-up
- Effective avoidance of stone pick-up thanks to castor guide wheels
- Loss-free crop pick-up
- Working speed is automatically controlled via ground speed





## Use.

SWATH UP demonstrates its abilities in areas which are unsuited to direct threshing – and it does so under all imaginable conditions. It enables the pick-up of nearly all windrowed crops, especially crops such as rice, rapeseed and grass seed, and provides yet another demonstration of the exceptional efficiency of CLAAS front attachments.

## Functional principle.

The pick-up fingers on the front belt module make for the clean and loss-free collection of the harvested crop. The crop is transferred to the rear belt unit which conveys it to the feed roller. Guide blocks and guide rollers ensure that the belt modules are positioned and tensioned precisely if unevenly loaded, thereby avoiding losses. The feed roller makes for a clean transition to the feeder housing.



## Technology.

- Four wide, interlinked pick-up belts form the front belt unit (with pick-up fingers)
- Four wide, interlinked transfer belts form the rear belt unit
- Driven via chains and belts
- Pick-ups controlled by a bevel gear
- Speed of intake units can be adjusted continuously from inside the cab
- The working speed is controlled automatically via the ground speed
- Rake unit is suspended (coil springs and gas-filled spring struts)
- Working depth can be set by castor guide wheels
- Seals between pick-up belts and frame prevent leakage losses



## Crop guard.

The crop guard ensures efficient crop flow. It can be adjusted hydraulically for height and is therefore able to adapt optimally to the most diverse conditions. Furthermore, the distance to the rake unit is adjustable.

## Castor guide wheels.

The two castor guide wheels at left and right not only limit the depth but also ensure that the tines do not pick up any stones.



The tines ensure the crop is picked up and passed on quickly.



Castor guide wheels limit the depth.





## Standard feeder housing.

The universal feeder housing is compatible with all crops, avoiding unproductive changeover time. A shallow intake angle to the threshing parts facilitates optimal crop flow. Rugged feeder chains with feeder slats ensure high stability while a replaceable wear plate guarantees long service life.

## V channel feeder housing.

With the flexible positioning of the cutterbar mount, the V channel facilitates fast, easy adjustment of the cutting angle. This ensures optimal adaptation to all field conditions and different types of tyres.

The feeder housing can be equipped with an additional middle support roller. Greater support of the feeder slats in the guide roller increases stability and optimises the guidance of the chain. In addition, an enclosed guide roller is available for use in dry and low-straw conditions.

Dust extraction at the feeder housing prevents dust from being stirred up immediately in front of the cab in very dry conditions.



## HP feeder housing.

The HP (header pitch) feeder housing allows manual or hydraulic adjustment of the cutting angle to adapt to all field conditions. From the central position the cutting angle can be moved 8° back and 11° forward.

## MONTANA feeder housing.

Control of the pivoting frame of the feeder housing as well as the cutting angle is based on the axle position of the LEXION MONTANA.



## Front attachment drive brake.

Effective protection against foreign bodies and other causes of damage: the drive brake (1) allows the front attachment to be stopped immediately if necessary by means of the multifunction control lever. As the drive brake is fitted directly on the feeder housing, only a small mass has to be braked. This means less braking torque and less wear.

## Hydraulic reverse.

Blockages are taken care of easily: the hydraulic system (2) enables protective reversing with high starting torque. The hydraulic reverse can be actuated conveniently with a toggle switch in the cab. The direction of rotation of the hydraulic reel drive also changes automatically, providing additional support for the reversing procedure.

## Front attachment interface.

Thanks to their standard interface, CLAAS front attachments can be fitted to LEXION, TUCANO and AVERO machines and are therefore available in all power categories. What's more, they have a whole series of functions and helpful features which allow them to meet even specialised requirements and so offer you outstanding flexibility. Benefit from the unique combination of high-value performance and equipment features.

## MultiCoupler.

The central connection coupling for all the hydraulic and electronic connections to the cutterbar.

- You gain valuable time due to shorter attachment and removal procedures
- Integrated design means there is no danger of confusion
- Easy to connect, even under pressure
- Environmentally friendly with no oil leakage

## Central locking system.

A single lever on the left side of the cutterbar operates all locks simultaneously.



MultiCoupler and central locking make for extremely convenient operation.



# Automatic front attachment guidance.

## Automatic front attachment guidance.

In order to ensure optimum following of the ground contours, CLAAS front attachments are equipped with the CONTOUR, AUTO CONTOUR and MULTI CONTOUR automatic front attachment guidance systems for ideal results at all times.



## CONTOUR.

The cutterbar with CONTOUR adjusts automatically to ground irregularities along the direction of travel.

- CONTOUR = automatic longitudinal adjustment of the front attachment
- The required cutting height can be set via CEBIS
- The active cutting height is controlled by CONTOUR
- Longitudinal control can be overridden by the operator at any time

## AUTO CONTOUR.

AUTO CONTOUR goes one step further and also enables automatic compensation for surface irregularities across the direction of travel.

- AUTO CONTOUR = automatic transverse and longitudinal control of the front attachment
- The required cutting height can be set via CEBIS
- The active cutting height is controlled by AUTO CONTOUR
- Transverse and longitudinal control can be overridden by the operator at any time



## MULTI CONTOUR.

MULTI CONTOUR enables not only automatic control of the transverse and longitudinal tilt, but also automatic adjustment of the front attachment cutting angle.

- MULTI CONTOUR includes AUTO CONTOUR (transverse and longitudinal tilt control)
- The required cutting angle can be set via CEBIS
- The cutting angle is controlled by MULTI CONTOUR
- The cutting angle as well as the transverse and longitudinal tilt can be overridden by the operator at any time

## How you benefit.

- Valve-controlled, nitrogen-filled accumulators ensure optimal shock absorption with front attachments of different weights
- Improved front attachment guidance, especially when operating with wide working widths
- Easier front attachment guidance in laid crops, in darkness and in sloping terrain
- Significant reduction in workload for the operator, enabling greater concentration on threshing



2-way front attachment rams control the ground pressure precisely.



CONTOUR, AUTO CONTOUR and MULTI CONTOUR are activated directly on the control lever.



Sensor bands detect the position of the front attachment for AUTO CONTOUR and CONTOUR.



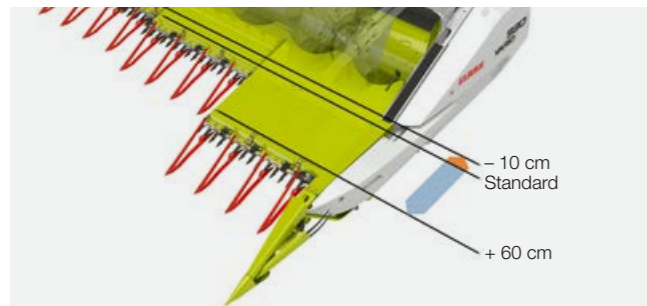


# Convenient front attachment features.



## Automated reel control.

- Circumferential reel speed is adjusted automatically in proportion to the ground speed
- Infinitely variable adjustment and storage of reel speed (between forward, synchronous and after-running settings) relative to the ground speed in CEBIS
- Speed settings can be stored in CEBIS
- Hydraulic overload protection prevents damage



## VARIO automation.

- VARIO automation can be switched on or off in CEBIS
- The table length and reel level are then activated or deactivated together

## Automatic adjustment.

The operator can use the multifunction control lever to store up to four separate combinations of settings. The currently active and the stored combinations of settings can be viewed continuously in CEBIS.

Each combination of settings consists of:

- Reel height
- Reel levelling setting (VARIO cutterbar)
- Table length (VARIO cutterbar)
- Cutting height (with AUTO CONTOUR)
- Cutting angle (HP feeder housing)

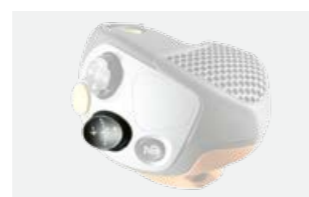
All the individual parameters can be overridden manually by the operator at any time, either by a direct input with the multifunction control lever or via CEBIS.

## How you benefit.

- Reduction in operator workload through automatic application of multiple settings
- Optimal adaptation to conditions by means of up to four combinations of settings - for changing crop conditions (such as laid crops / standing crops) or headland operation and edge mowing - which can be saved separately
- Can be overridden by the operator at any time



The operator in the cab has a perfect view of the position indicator for the cutterbar tray.



Direct inputs with the multifunction control lever are used to activate cutting height adjustment (AUTO CONTOUR), ground pressure control and cutting height preselection as well as to raise / lower the front attachment.



## Automatic parking and transport mode.

- Pressing the cutting height adjustment button causes the cutterbar to move automatically into position for stowage on the trailer
- Table moves to 0 mm position (without rapeseed knives)
- Table moves to 450 mm position (with rapeseed knives)
- Reel moves all the way down and to the rear
- In the case of MAXFLEX cutterbars, the knife bar is set to a rigid configuration electrohydraulically (grain harvesting)
- Activation procedure, which takes place with the threshing system switched off, varies depending on speed:
  - Above 2 km/h: cutting height adjustment button is pressed once
  - Below 2 km/h: AUTO CONTOUR button is held down



## Automatic operating position.

- Pressing the cutting height preselection button causes the cutterbar to move to the last operating position automatically
- Table moves to last operating position
- Reel moves to last operating position
- In the case of MAXFLEX cutterbars, the knife bar is released (no longer set to rigid configuration) electrohydraulically (soybean harvesting)
- Activation procedure varies depending on speed:
  - Above 2 km/h: cutting height adjustment button is pressed once
  - Below 2 km/h: cutting height adjustment button is held down
- Reel moves to last operating position
- Table moves to last operating position

## How you benefit.

- Transport and operating positions are reached quickly and easily
- No need to take account of mechanism dependencies



The CMOTION multifunction control lever is used to adjust the VARIO cutterbar table, the MAXFLEX knife bar and the MAXFLO conveyor belt speed.



The CMOTION multifunction control lever is used to adjust reel parameters (reel height, reel level) and the snapping plate distance of the maize picker.





## Growing demand for ever greater precision.

The CLAAS front attachments can be equipped with two different automatic guidance systems which can be selected as needed, depending on the job in hand.

LASER PILOT – the electro-optical guidance system  
 AUTO PILOT – the electro-mechanical guidance system

You can also choose between the combine's GPS PILOT or GPS PILOT FLEX for your automatic guidance system.



AUTO PILOT, LASER PILOT and GPS PILOT are activated on the CMOTION multifunction control lever.

## LASER PILOT.

The electro-optical sensors of the LASER PILOT use pulses of light to scan between the crop and stubble and guide the combine harvester automatically along the edge.

The LASER PILOT can be folded away for transport and, depending on the combine model, is available for both the left and right side of the cutterbar. Its optimal positioning on the cutterbar side close to the crop edge enables a good viewing angle and ensures high functional reliability even when working with laid crops, in dusty conditions, on slopes or at night.

### How you benefit.

- The LASER PILOT bracket can be adjusted with the panel key without needing tools
- Easily configured via the LED display
- Can be deployed and retracted without the use of tools
- Available for the left and right side of the cutterbar
- High functional reliability, even when operating in laid crops, in sloping terrain or in the dark
- Reduction in workload for the operator, enabling greater concentration on threshing
- Greater precision for mapping areas and yields
- Optimal use is made of the full width of the cutterbar
- Increased seasonal performance



## AUTO PILOT.

Two digital sensors incorporated in one of the snapping units detect the position of the combine and automatically guide it through the rows of maize to ensure it is in the optimal position in the crop. In this way, AUTO PILOT contributes to greater performance and increased efficiency.

### How you benefit.

- High functional reliability and safety regardless of visibility conditions
- Optimal use of the full width of the cutterbar
- Increased seasonal performance
- Significant reduction in workload for the operator, enabling greater concentration on threshing



AUTO PILOT sensor bands



# Front attachment trailers.

Whether operating on roads or farm or field tracks, front attachment trailers from CLAAS enable fast, easy transfers, even between distant fields.

The highlights at a glance:

- Front attachment trailers available ex factory
- Transport speed of up to 40 km
- Integrated transport container
- Twin-axle front attachment trailer with steering rear axle

## Single-axle front attachment trailer.

The single-axle transport trailers are available for the 770 to 370 front attachments.

- Available in braked or unbraked versions for 25 km/h or 40 km/h
- A cutterbar equipped with rapeseed knives can be placed on the trailer without any difficulty

The following options are also available ex-factory:

- Marker lights
- Height-adjustable drawbar

## Twin-axle front attachment trailer.

The twin-axle front attachment trailers are available for the 1230 to 770 front attachments.

- Available in braked or unbraked versions for 25 km/h or 40 km/h
- Special supports can be fitted to the trailers to allow SUNSPEED, CORIO CONSPEED and CORIO front attachments to be transported without any difficulty
- A cutterbar equipped with rapeseed knives can be placed on the trailer without any difficulty

The following options are also available ex-factory:

- Marker lights



CORIO 1275 C on twin-axle trailer.



Locking transport container for rapeseed equipment.

## Twin-axle front attachment trailer with steering rear axle.

The new twin-axle front attachment trailers with 4-wheel steering are available for the 1230 to 930 front attachments.

- Excellent self-steering characteristics when cornering
- High directional stability
- Available in braked or unbraked versions for 25 km/h or 40 km/h
- The floating front axle can adapt optimally to uneven ground
- Special supports can be fitted to the trailers to allow SUNSPEED, CORIO CONSPEED and CORIO front attachments to be transported without any difficulty
- A cutterbar equipped with rapeseed knives can be placed on the trailer without any difficulty

The following options are also available ex-factory:

- Spare wheel
- Rotating beacon
- LED lights
- Marker lights
- Short or long drawbar

## Transport container.

A locking transport container on all attachment trailers allows the rapeseed knives to be carried securely.



# Front attachment matrix.

Front attachment	LEXION 700					LEXION 600					TUCANO 500			TUCANO 400				TUCANO 300		AVERO		DOMINATOR
	780	770	760	750	740	670	660	650	630	620	580	570	560	450	440	430	420	340	320	240	160	130
<b>CERIO cutterbars</b>																						
CERIO 930	■	■	■	■	■	■	■	□			■	■	■	■	■							
CERIO 770	■	■	■	■	■	■	■	■	□	□	■	■	■	■	■	■	□	□				
CERIO 680							■	■			■	■	■	■	■	■	■	■	■	□	□	
CERIO 620											■	■	■	■	■	■	■	■	■	■	□	□
CERIO 560											■	■	■	■	■	■	■	■	■	■	■	■
<b>Standard cutterbars</b>																						
C 490													□	□	■	■	■	■	■	■	■	
C 450																						■
C 430															□	□	□	■	■	■	■	
C 420																						■
C 370																	□	□	■	■	■	
<b>VARIO cutterbars</b>																						
VARIO 1230	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>		□ <sup>1</sup>																
VARIO 1080	■	■	■	■	■	□	□	□														
VARIO 930	■	■	■	■	■	■	■	□			■	■	■	■	■							
VARIO 770	■	■	■	■	■	■	■	■	□	□	■	■	■	■	■	■	□	□	□			
VARIO 680							■	■			■	■	■	■	■	■	■	■	■	■	■	
VARIO 620											■	■	■	■	■	■	■	■	■	■	□	
VARIO 560											■	■	■	■	■	■	■	■	■	■	■	■
VARIO 500												■	■	■	■	■	■	■	■	■	■	■
<b>MAXFLEX cutterbars</b>																						
MAXFLEX 1200	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>		□ <sup>1</sup>																
MAXFLEX 1050	■	■	■	■	■	■	■	■														
MAXFLEX 930	■	■	■	■	■	■	■	■			■	■	■	■	■							
MAXFLEX 770	□	□	□	□	□	■	■	■	□	□	■	■	■	■	■	■	□	□	□			
MAXFLEX 620						□	□	□	■	■	■	■	■	■	■	■	■	■	■	■	■	
MAXFLEX 560						□	□	□	■	■		■	■	■	■	■	■	■	■	■	■	
<b>MAXFLO cutterbars</b>																						
MAXFLO 1200	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>	■ <sup>1</sup>		□ <sup>1</sup>																
MAXFLO 1050	■	■	■	■	■	■	■	■			■	■	■	■	■							
MAXFLO 900	■	■	■	■	■	■	■	■			■	■	■	■	■							
<b>Folding cutterbars</b>																						
C 540						□	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
C 450						□	□	■	■	□	□	□	■	■	■	■	■	■	■	■	■	

■ Recommended □ Not recommended

<sup>1</sup> TERRA TRAC only  
<sup>2</sup> Not approved for LEXION MONTANA

Front attachment	LEXION 700					LEXION 600					TUCANO 500			TUCANO 400				TUCANO 300		AVERO		DOMINATOR	
	780	770	760	750	740	670	660	650	630	620	580	570	560	450	440	430	420	340	320	240	160	130	
<b>CORIO 12-row</b>																							
CORIO 1275 C CONSPEED	■	■	■ <sup>2</sup>	■ <sup>2</sup>	■																		
CORIO 1270 C CONSPEED	■	■	■ <sup>2</sup>	■ <sup>2</sup>	■																		
<b>CORIO 8-row</b>																							
CORIO 890 CONSPEED	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 880 FC CONSPEED	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 880 FC	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 875 C CONSPEED	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 875 FC CONSPEED	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 875 C	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 875 FC	■	■	■	■	■	■ <sup>2</sup>	■	■	■	□	■	■	■	■	■								
CORIO 870 C CONSPEED	■	■	■	■	■	■ <sup>2</sup>	■	■	■	■	■	■	■	■	■								
CORIO 870 FC CONSPEED	■	■	■	■	■	■ <sup>2</sup>	■	■	■	■	■	■	■	■	■								
CORIO 870 C	■	■	■	■	■	■ <sup>2</sup>	■	■	■	■	■	■	■	■	■								
CORIO 870 FC	■	■	■	■	■	■ <sup>2</sup>	■	■	■	■	■	■	■	■	■								
<b>CORIO 6-row</b>																							
CORIO 690 CONSPEED											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 680 FC CONSPEED											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 680 FC											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 675 C CONSPEED											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 675 FC CONSPEED											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 675 C											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 675 FC											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 670 C CONSPEED											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 670 FC CONSPEED											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 670 C											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
CORIO 670 FC											■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■		
<b>CORIO 5-row</b>																							
CORIO 575 C																□	□	□	□	□	□	■	■
CORIO 570 C																□	□	□	□	□	□	■	■
<b>CORIO 4-row</b>																							
CORIO 475 C																						■	■
CORIO 470 C																						■	■
CORIO 475 C <sup>1</sup>																							■
CORIO 470 C <sup>1</sup>																							■
<b>SWATH UP</b>																							
SWATH UP 450	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■		
<b>SUNSPEED</b>																							
SUNSPEED 16-70	■	■	■ <sup>2</sup>	■ <sup>2</sup>	■	■ <sup>2</sup>	■	■															
SUNSPEED 12-75	■	■	■ <sup>2</sup>	■ <sup>2</sup>	■	■ <sup>2</sup>	■	■	■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■	■	■		
SUNSPEED 12-70	■	■	■ <sup>2</sup>	■ <sup>2</sup>	■	■ <sup>2</sup>	■	■	■ <sup>2</sup>	■	■	■	■	■	■	■	■	■	■	■	■		
SUNSPEED 8-75													■	■	■	■	■	■	■	■	■	■	■
SUNSPEED 8-70													■	■	■	■	■	■	■	■	■	■	■

Please note that these recommendations are not valid for all regions. The regional road traffic regulations must be observed. The front attachment matrix may vary as a result of differing climatic conditions or cultivation methods.

The availability of individual combine harvester models depends on the applicable emissions standard for the country concerned and can therefore vary subject to national regulation.



# How you benefit.



## **Standard cutterbars.**

- Proven rigid cutterbar table
- For DOMINATOR and AVERO

## **CERIO.**

- Cutterbar table has an overall manual adjustment range of 200 mm
- Alternative to VARIO
- Suitable for rice

## **VARIO.**

- Cutterbar table is unique in having an infinitely variable overall adjustment range of 700 mm
- 10% more throughput thanks to adjustable table position
- Plug & Play for rapeseed.
- Cutterbar table with integrated rapeseed plates
- Suitable for rice

## **MAXFLEX.**

- Optimal adaptation to ground contours for crops close to the ground
- 180 mm flexible knife bar, can be set to rigid configuration hydraulically for soybeans and grain

## **MAXFLO.**

- Active crop transport in the cutterbar by means of conveyor belts
- Speed of conveyor belts is adjusted as required
- Suitable for rice

## **Folding cutterbars.**

- No additional trailer necessary
- Transport width of 3.0 m
- Full AUTO CONTOUR capability

## **CORIO CONSPEED / CORIO.**

- Various picking concepts with CORIO CONSPEED and CORIO
- Large working widths from 12 to 4-row units
- Row widths of 90, 80, 75 and 70 cm
- Sunflower kits available

## **SUNSPEED.**

- Harvests flower heads exclusively - stalk-free picking concept
- Large working widths from 16 to 8-row units

## **SWATH UP.**

- Optimal swath pick-up characteristics
- Universal front attachment for different crop types
- Extremely efficient swath pick-up

## **Equipment.**

- Automated reel control and VARIO automation
- Automatic front attachment guidance by CONTOUR, AUTO CONTOUR and MULTI CONTOUR
- Automatic adjustment
- Automatic guidance systems
- Automatic parking and transport mode
- Automatic operating position



Front attachments		VARIO cutterbars								CERIO cutterbars				Standard cutterbars					Folding cutterbars		
		VARIO 1230	VARIO 1050	VARIO 930	VARIO 770	VARIO 680	VARIO 620	VARIO 560	VARIO 500	CERIO 930	CERIO 770	CERIO 680	CERIO 620	CERIO 560	C 490	C 450 <sup>1</sup>	C 430	C 420 <sup>1</sup>	C 370	C 540	C 450
Effective cutting width	mm	12270	10740	9220	7696	6781	6172	5562	4953	9220	7696	6781	6172	5562	4920	4550	4320	4240	3710	5460	4550
Effective cutting width	ft.	41.00	35.25	30.25	25.25	22.25	20.25	18.25	16.25	30.25	25.25	22.25	20.25	18.25	16.14	14.93	14.17	13.91	12.17	17.91	14.93
Drive on both sides		●	●	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	●	●
Drive on one side		–	–	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	–	–
Dividers, folding		●	●	●	●	●	●	●	●	●	●	●	●	●	●	–	●	–	–	●	●
Dividers, height adjust. without tools		●	●	●	●	●	●	●	●	●	●	●	●	●	–	–	–	–	–	–	–
Spacing of knife bar to intake auger (min. / max.)	mm	493 / 1134	493 / 1134	493 / 1134	493 / 1134	493 / 1134	493 / 1134	493 / 1134	493 / 1134	579	579	579	579	579	545	560	560	580	545	560	560
Knife divided		●	●	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	●	●
Knife undivided		–	–	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	–	–
MULTIFINGER intake auger		●	●	●	●	●	●	●	●	●	●	●	●	●	●	–	●	–	●	●	●
Reel and auger bearing divided		●	●	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	●	●
Reel and auger bearing undivided		–	–	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	–	–
Crop lifters		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Intake auger diameter (ext. / int.)		660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	660 / 420	580 / 380	580 / 380	580 / 380	580 / 380	580 / 380	580 / 380	580 / 380
Replacement knife		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
possible adjustment range, hydraulic	mm	700	700	700	700	700	700	700	700	–	–	–	–	–	–	–	–	–	–	–	–
possible adjustment range, manual	mm	–	–	–	–	–	–	–	–	200	200	200	200	200	–	–	–	–	–	–	–
Weight (without rapeseed equipment)	kg	4055	3665	2989	2557	2334	2224	2093	1941	2824	2419	2140	2040	1926	1300	1080	1120	1000	940	2100	1980

#### Automated cutterbar control

CONTOUR		○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	○	–	○	○	○
AUTO CONTOUR		○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	○	–	○	○	○
Automatic parking position		●	●	●	●	●	●	●	●	●	●	–	–	–	–	–	–	–	–	–	–
Automatic operating position		●	●	●	●	●	●	●	●	●	●	–	–	–	–	–	–	–	–	–	–
Reel speed control		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automatic reel height		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automatic reel levelling		●	●	●	●	●	●	●	●	–	–	–	–	–	–	–	–	–	–	–	–
Automatic table control		●	●	●	●	●	●	●	●	–	–	–	–	–	–	–	–	–	–	–	–
LASER PILOT		○	○	○	○	○	○	○	○	○	○	○	○	○	○	–	○	–	○	○	○

#### Rice equipment

Intake auger wear protection		–	–	○	○	○	○	○	○	○	○	○	○	○	○	–	○	○	–	–	–
Rice cutting system		–	–	○	○	○	○	○	○	○	○	○	○	○	○	–	○	○	–	–	–
Twin knife system		–	–	–	–	–	–	–	–	–	–	–	–	–	○	–	○	–	–	–	–

#### Rapeseed equipment

Rapeseed table		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rapeseed knives		○	○	○	○	○	○	○	○	–	–	–	–	–	–	–	–	–	–	–	–
Rapeseed plates		●	●	●	●	●	●	●	●	–	–	–	–	–	–	–	–	–	–	–	–
Spacing: knife bar – intake auger	mm	1134	1134	1134	1134	1134	1134	1134	1134	–	–	–	–	–	–	–	–	–	–	–	–
possible adjustment range with rapeseed equipment		150	150	150	150	150	150	150	150	–	–	–	–	–	–	–	–	–	–	–	–

<sup>1</sup> DOMINATOR only

● Standard ○ Option □ Available – Not available

Front attachments		MAXFLO cutterbars			MAXFLEX cutterbars					
		1200	1050	900	1200	1050	930	770	620	560
Effective cutting width	mm	11960	10440	9220	11960	10440	9220	7696	6172	5563
Effective cutting width	ft.	40.00	35.00	30.25	40.00	35.00	30.25	25.25	20.25	18.25
Drive on both sides		●	●	●	●	●	–	–	–	–
Drive on one side		–	–	●	–	–	●	●	●	●
Vertical flexibility of knife bar	mm	–	–	–	180	180	180	180	180	180
Knife divided		●	●	–	●	●	–	–	–	–
Knife undivided		–	–	–	–	–	●	●	●	●
MULTIFINGER intake auger		●	●	●	●	●	●	●	●	●
Reel and auger bearing divided		●	●	–	●	●	–	–	–	–
Reel and auger bearing undivided		–	–	●	–	–	●	●	●	●
Crop lifters		●	●	●	○	○	○	○	○	○
Replacement knife		●	●	●	●	●	●	●	●	●
Rapeseed knives		○	○	○	–	–	–	–	–	–
Additional cross augers		○	○	○	–	–	–	–	–	–
Weight	kg	3500	3200	2715	3750	3395	2671	2289	1885	1768

#### Automated cutterbar control

CONTOUR		○	○	○	○	○	○	○	○	○
AUTO CONTOUR		○	○	○	○	○	○	○	○	○
Automatic parking position		–	–	–	–	–	●	●	●	●
Automatic operating position		–	–	–	–	–	●	●	●	●
Reel speed control		●	●	●	●	●	●	●	●	●
Automatic reel height		●	●	●	●	●	●	●	●	●
Automatic reel levelling		–	–	–	–	–	–	–	–	–
LASER PILOT		○	○	○	○	○	○	○	○	–

Front attachments		SWATH UP 450
Effective pick-up width	mm	4523
Effective pick-up width	ft.	14.84
Drive on one side		●
No. of pick-up fingers		392
Weight	kg	1366

Front attachments		SUNSPEED				
		16-70	12-75	12-70	8-75	8-70
Number of rows		16	12	12	8	8
Row width	cm	70	75	70	75	70
Shuttle length	mm	1800	1800	1800	1800	1800
Shuttle width	mm	311	337	311	337	311
Shuttle gap adjustment range	mm	30-50	30-50	30-50	30-50	30-50
Reel and auger bearing undivided		–	–	●	●	●
divided		●	–	–	–	–
reel: undivided, auger: divided		–	●	–	–	–
Replacement knife		●	●	●	●	●
Weight	kg	3300	2820	2638	1800	1720

#### Automated cutterbar control

Reel speed control		●	●	●	●	●
Automatic reel height		●	●	●	●	●
Automatic reel levelling		–	–	–	–	–

As CLAAS continually develops its products to meet customers' requirements, all products are subject to change without notice. All descriptions and specifications in this brochure should be considered approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please consult your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. To avoid hazards, never remove these protective panels yourself. Please refer to the relevant instructions in the operator's manual in this regard. All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.

● Standard ○ Option □ Available – Not available



Front attachments	CORIO CONSPEED 12-row		CORIO CONSPEED 8-row						CORIO CONSPEED 6-row						CORIO 8-row			CORIO 6-row				CORIO 5-row		CORIO 4-row										
	1275 C	1270 C	890 C	880 FC	875 C	875 FC	870 C	870 FC	690 C	680 FC	675 C	675 FC	670 C	670 FC	880 FC	875 C	875 FC	870 C	870 FC	680 FC	675 C	675 FC	670 C	670 FC	575 C	570 C	475 C	470 C	475 C <sup>1</sup>	470 C <sup>1</sup>				
Number of rows	12	12	8	8	8	8	8	8	6	6	6	6	6	6	8	8	8	8	8	6	6	6	6	6	5	5	4	4	4	4				
Row width	cm	75	70	90	80	75	75	70	70	90	80	75	75	70	70	80	75	75	70	70	80	75	75	70	70	75	70	75	70	75	70			
Transport position – rigid		●	●	●	–	●	–	●	–	●	–	●	–	●	–	●	–	●	–	–	●	–	●	–	●	–	●	–	●	–				
Transport position – folding		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Horizontal chopper		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Working width	m	9.78	8.63	7.17	6.53	6.18	6.18	5.83	5.83	5.37	4.93	4.68	4.68	4.43	4.43	6.53	6.18	6.18	5.83	5.83	4.93	4.68	4.68	4.43	4.43	3.93	3.73	3.18	3.03	3.18	3.03			
Transport width	m	9.78	8.63	7.17	3.35	6.18	3.00	5.83	3.00	5.37	3.35	4.68	3.00	4.43	3.00	3.35	6.18	3.00	5.83	3.00	3.35	4.68	3.00	4.43	3.00	3.93	3.73	3.18	3.03	3.18	3.03			
Stubble breaker		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
MONTANA mounting kit <sup>2</sup>		–	–	–	○	○	○	○	○	–	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
Sunflower kit		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
Raised hoods		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Laid maize augers		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Shear bar kit		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Sprocket for intake auger to increase speed		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Electrohydraulic snapping plate adjustment		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Intake auger loss protection		●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Road transport protection incl. lighting and safety bar		–	–	–	●	–	●	–	●	–	●	–	●	–	●	–	●	–	●	–	●	–	●	–	●	–	–	–	–	–	–	–		
Support for trailer		○	○	○	–	○	–	○	–	○	–	○	–	○	–	○	–	○	–	○	–	○	–	○	–	○	○	○	○	○	○	○	○	
Weight	kg	3820	3700	2750	2990	2590	2910	2510	2855	2150	2355	2030	2295	2030	2295	3110	2710	3030	2630	2950	2445	2120	2385	2120	2385	1770	1770	1475	1475	1460	1460			
<b>Automated cutterbar control</b>																																		
AUTO CONTOUR		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
AUTO PILOT		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○



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CLAAS UK  
Saxham  
Bury St. Edmunds  
Suffolk  
IP28 6QZ  
Tel 01284 763100  
claas.co.uk  
info-uk@claas.com

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<sup>1</sup> Only for DOMINATOR 130  
<sup>2</sup> Suitable for LEXION 760 / 750 and 630 MONTANA, not suitable for LEXION 670 MONTANA