

Combine harvesters

LEXION

6900 / 6800 / 6700 / 6600
5500 / 5400 / 5300

CLAAS

CLAAS combine harvesters.
More than a machine.

You’re investing in the potential to get the most out of every harvest.
As the challenges facing farmers grow ever more complex, it’s good to know that whatever the conditions, you can always count on optimal support from CLAAS, before, during and after every harvest. When you buy a CLAAS combine harvester, you are investing in optimal adaptability to allow you to work flexibly; in enduring performance to free yourself from constraints, and in the confidence that comes from knowing that you are always operational.

Discover more than a machine.
combines.claas.com

The CLAAS LEXION. More than a machine.

Reduce your fuel consumption and increase your yield.
You can only operate profitably when every machine in your fleet is working as efficiently as possible. Top performance and maximum efficiency are the most important criteria for success, especially when contending with adverse conditions. The top LEXION models impress with fuel consumption of about 1 litre per tonne at the highest throughput and can deliver their top performance exactly when it is really needed. Discover the new benchmark for efficiency.





Increase your productivity in comfort with the new LEXION cab.
The final push of the harvesting season is when you need to be as focused and relaxed as possible. This is why everything in the LEXION cab is designed for comfort. It is noticeably more spacious at head, shoulder and leg level and features a completely new air conditioning system. The intelligent control system allows you to exploit the full potential of the machine. The bright CEBIS terminal provides you with razor-sharp information so that you can pick up all the relevant data at a single glance. Make yourself comfortable and increase your productivity.

CEMOS delivers consistent performance and quality.
The CEMOS AUTOMATIC self-learning assistance system supports you actively throughout the entire work process. It checks all the settings on the basis of harvesting parameters such as throughput, standard of cleaning, grain quality and threshing quality while the machine is running and optimises it up to its technical performance limits.

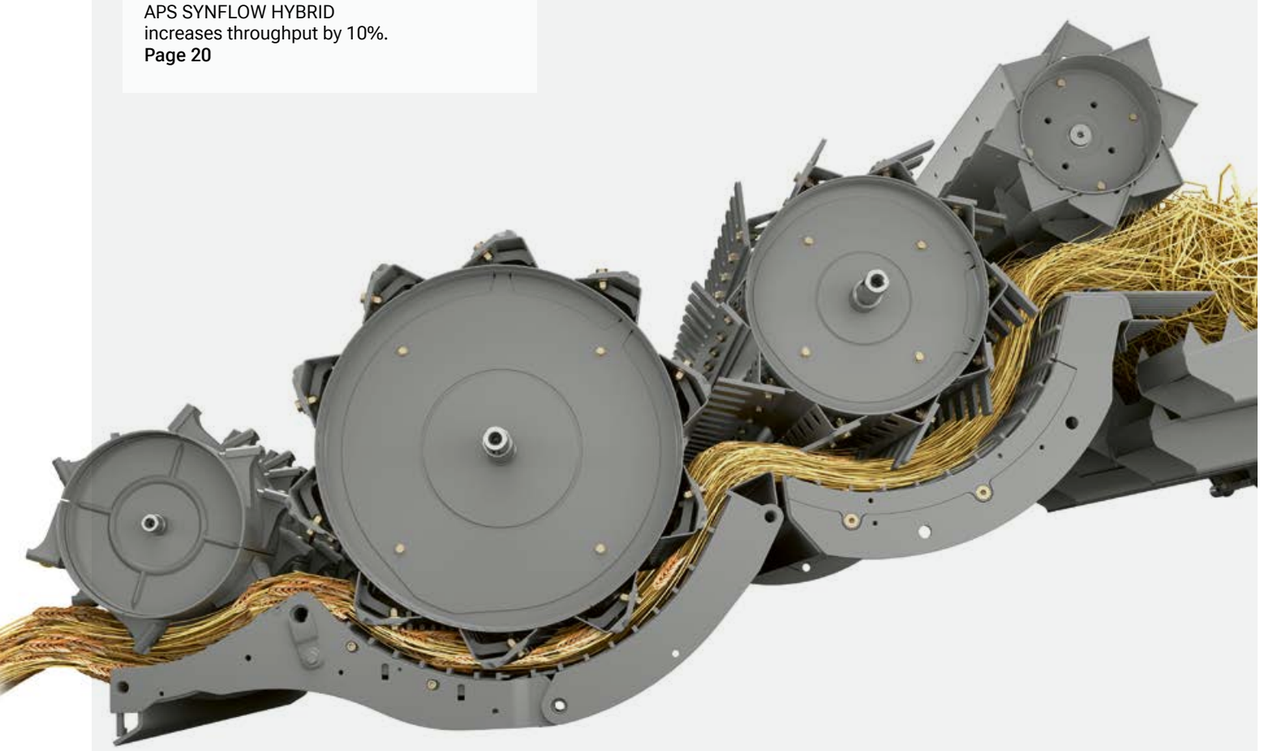


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You invest in top performance to free yourself from constraints.

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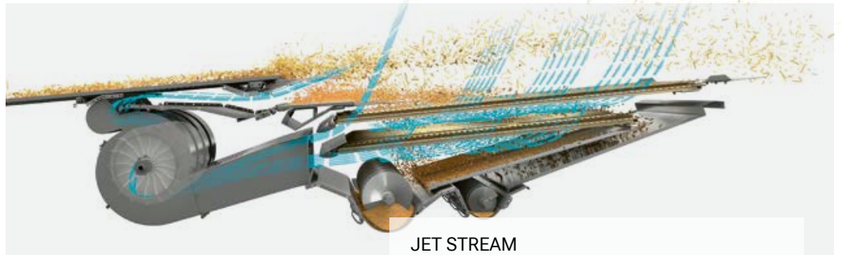
More efficient than ever.



APS SYNFLOW HYBRID
increases throughput by 10%.
Page 20



LEXION MONTANA 5500
harvests on slopes as
effectively as on level ground.
Page 42



JET STREAM
cleans your grain impeccably.
Page 26



13,500 litres
unloaded in 75 seconds.
Page 28



DYNAMIC COOLING
provides cooling as required.
Page 36



DYNAMIC POWER
for fuel savings of up to 10%.
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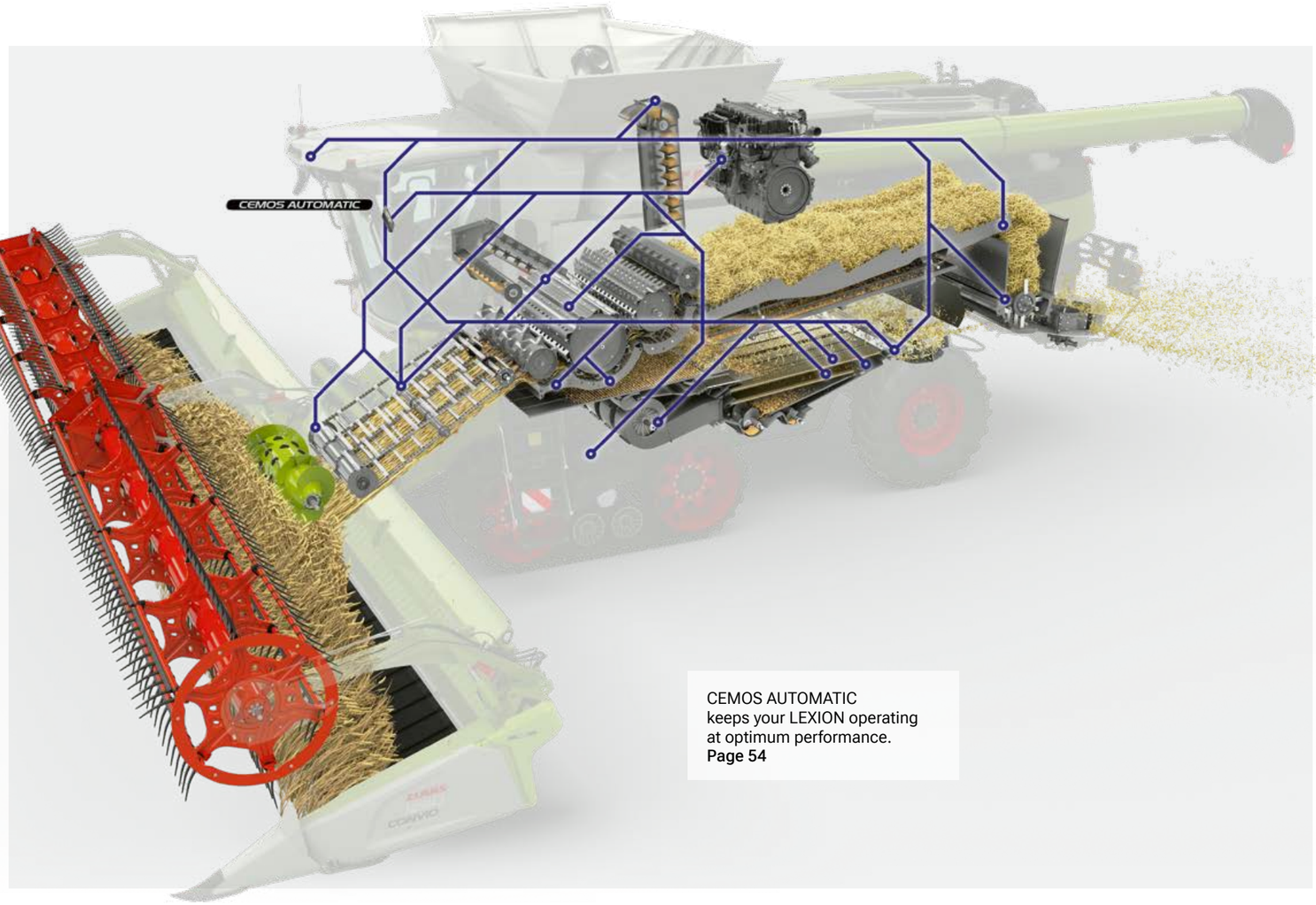
Increase your productivity.

Impressively powerful performance translates into profitable efficiency. The LEXION delivers its top performance precisely when your operators really need it. This means that you save time and money while benefiting from exceptional productivity.

Efficiency means success:

- APS SYNFLOW WALKER threshing system with maximum separation performance.
- Large threshing and separator drums with a straight crop flow.
- Parallel threshing concave adjustment with overload protection.
- Grain tank for up to 13,500 l and 180 l/s unloading rate.
- DYNAMIC POWER intelligent engine management.
- DYNAMIC COOLING in all models.
- JET STREAM grain cleaning as standard.
- 40 km/h top speed for wheeled machine and TERRA TRAC version.
- Cutterbars up to 12.30 m.

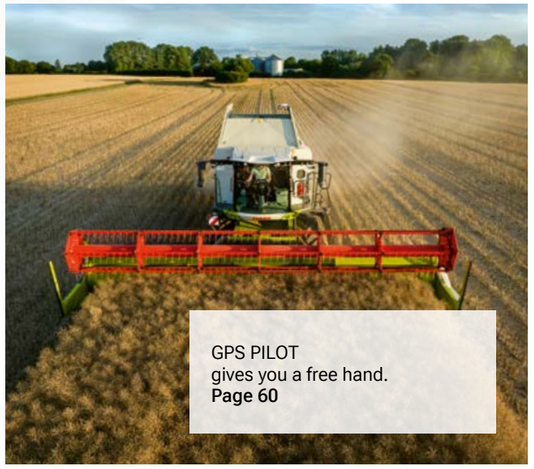
More precise than ever.



CEMOS AUTOMATIC
keeps your LEXION operating
at optimum performance.
Page 54



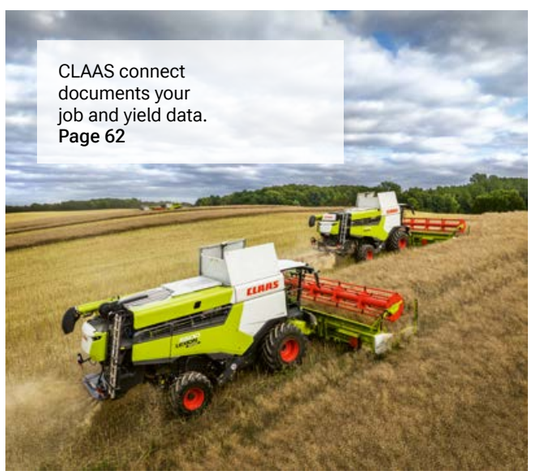
AUTO SLOPE
reduces your workload
on slopes.
Page 56



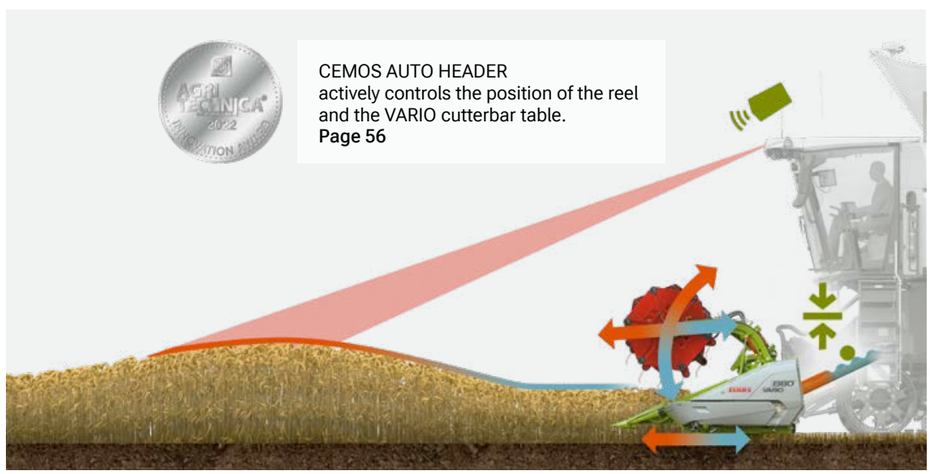
GPS PILOT
gives you a free hand.
Page 60



CEMOS AUTO CHOPPING
was awarded the
DLG Silver Medal in 2019.
Page 30



CLAAS connect
documents your
job and yield data.
Page 62



CEMOS AUTO HEADER
actively controls the position of the reel
and the VARIO cutterbar table.
Page 56

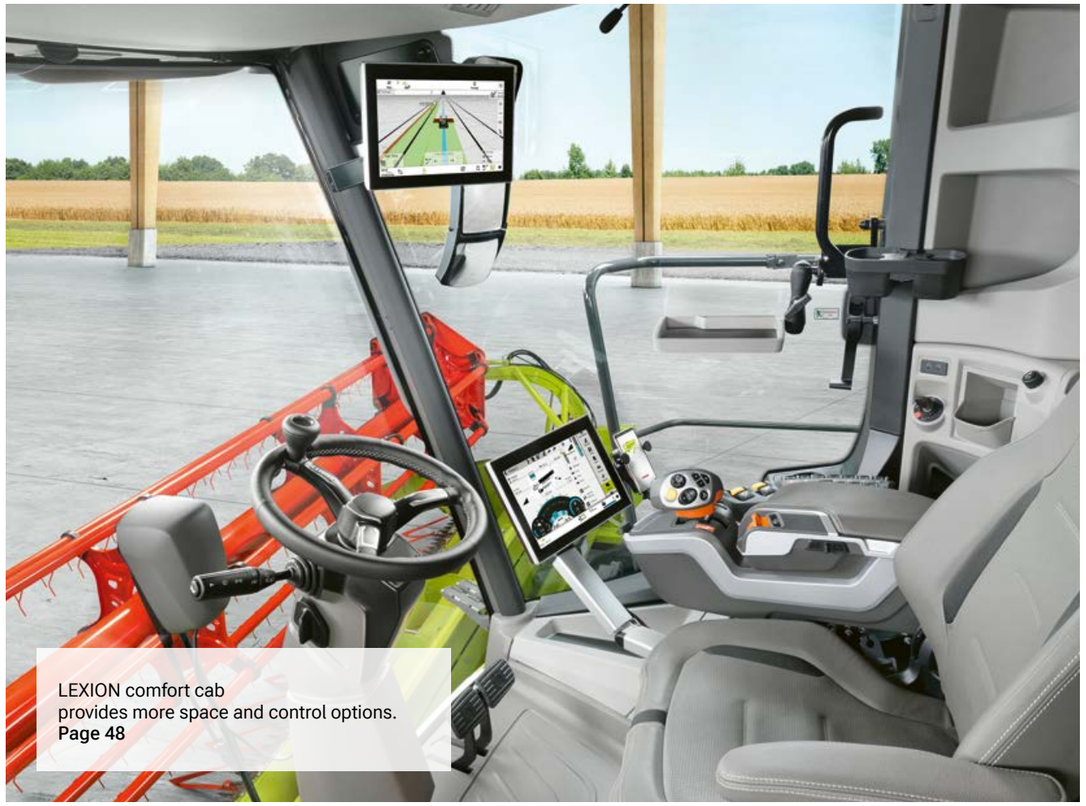
Take advantage of its intelligence.

To increase your campaign performance, you need a combine harvester that is able to think for itself and think ahead. In the LEXION, self-learning assistance systems, such as CEMOS AUTOMATIC, are working in the background to support the operator during every minute of the harvesting process.

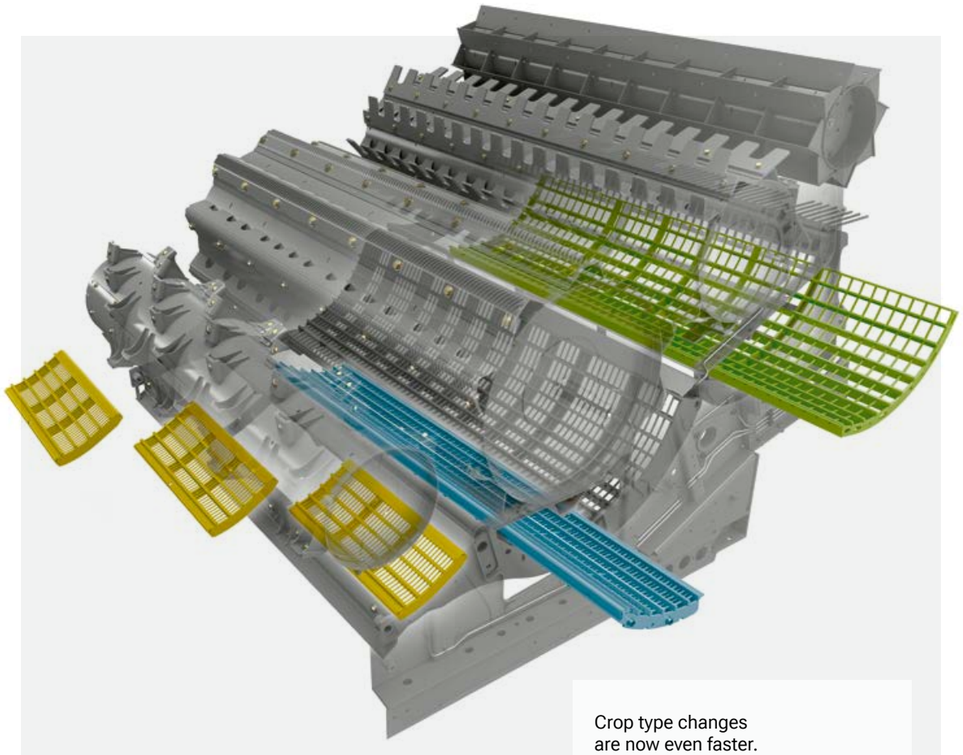
Precision means profitability.

- CEMOS AUTOMATIC continuously optimises threshing unit, cleaning system and crop flow.
- CEMOS AUTO THRESHING can now also adjust the threshing concave bar and flap.
- CEMOS AUTO CHOPPING optimises straw management and fuel consumption.
- GPS PILOT CEMIS 1200 steers precisely
- Machine connect transfers your data straight from your machine to CLAAS connect.
- DataConnect allows you to process the data from your machines, regardless of manufacturer.
- CEMOS AUTO HEADER actively controls the position of the reel and the VARIO cutterbar table.

More comfortable and convenient than ever.



LEXION comfort cab
provides more space and control options.
Page 48



Crop type changes
are now even faster.
Page 22

Harvest for longer.

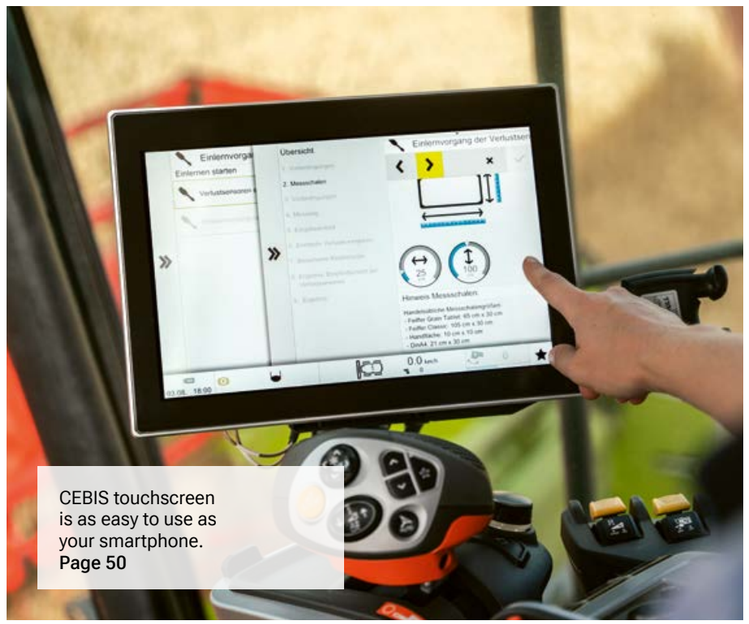
The LEXION makes your work in the field easier, or even does away with some of your tasks altogether. Its functions offer operators a maximum level of support so that they remain focused and productive – regardless of how early they start work or how late they stop.

Comfort improves performance:

- CEBIS terminal with touchscreen and slide controllers for CEMOS AUTOMATIC.
- Fast crop type changes requiring only a few, simple actions.
- Larger grain tank inspection window for fast crop inspection.
- Unloading tube with 105° pivot angle.
- Air conditioning with all-new airflow system keeps your head cool and your feet warm.
- Large storage compartments in the B-pillar and a cool box under the instructor's seat.
- Digital radio with hands-free function.
- LED work lights and maintenance lighting available in a number of different versions and configurations.



The pivoting spout
on the grain tank unloading tube
directs the stream precisely.
Page 28

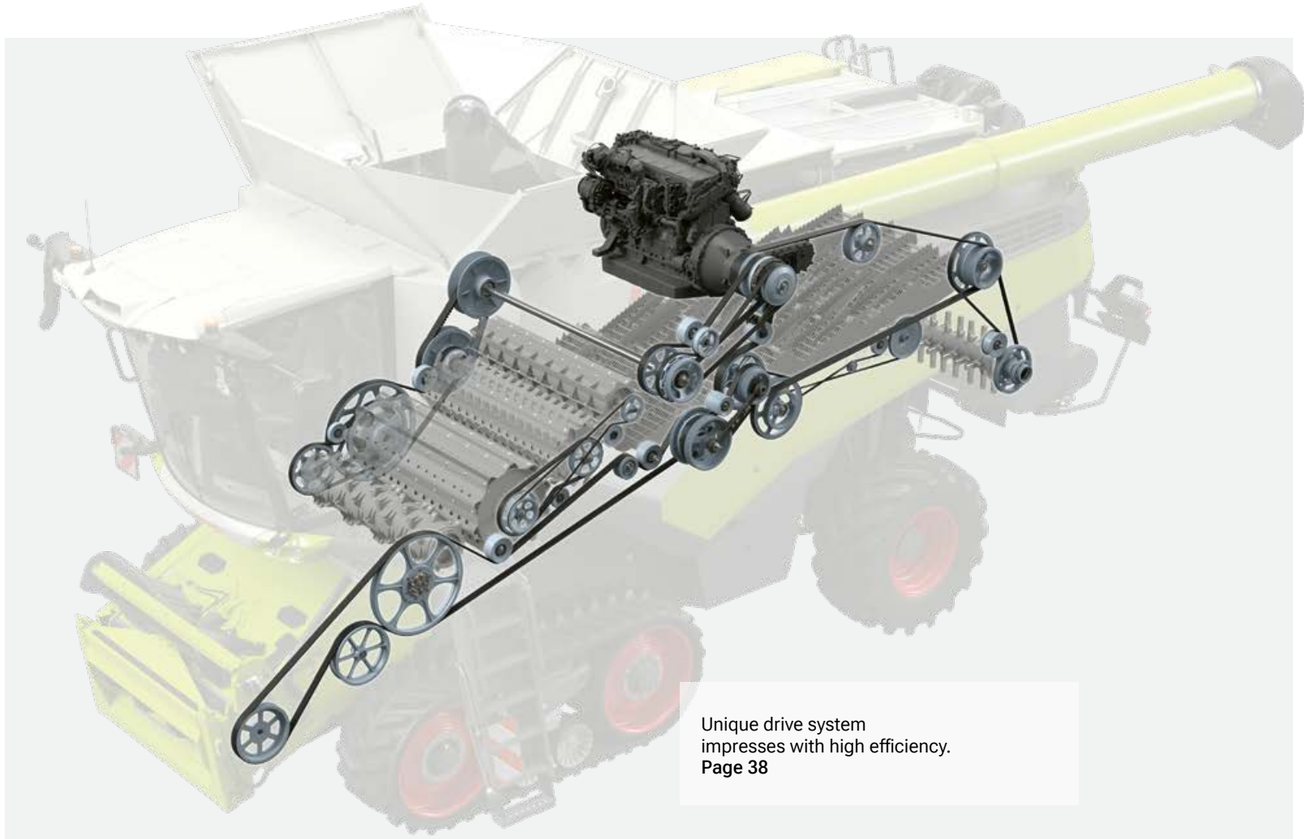


CEBIS touchscreen
is as easy to use as
your smartphone.
Page 50



CMOTION multifunction lever
designed for intuitive operation.
Page 50

More reliable than ever.



Unique drive system
impresses with high efficiency.
Page 38



All maintenance points
can be accessed
very easily.
Page 64



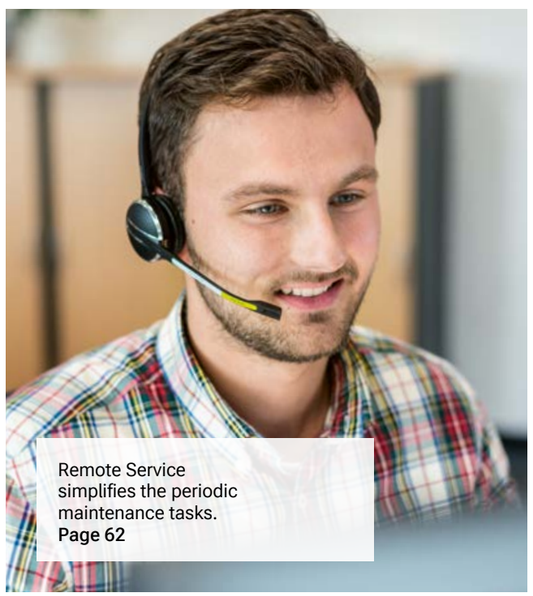
PREMIUM LINE components
are extra resistant to wear and have a very
long service life.
Page 66

You can count on it.

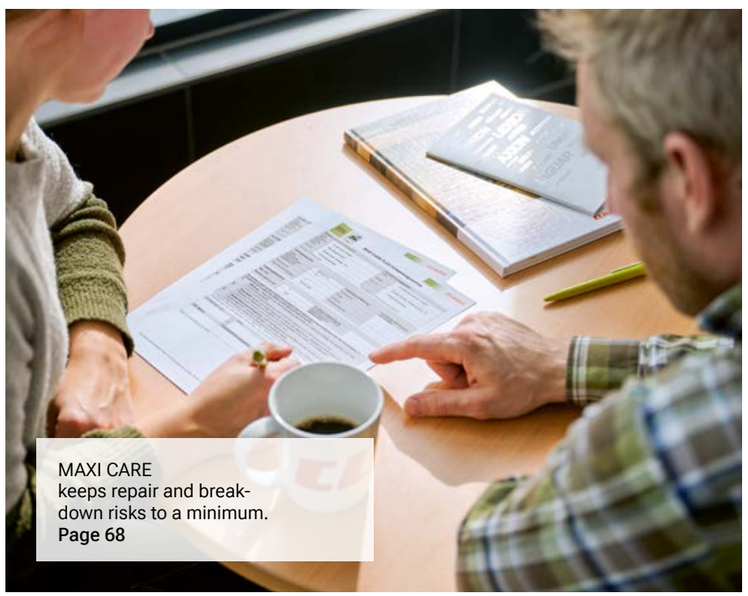
When a combine harvester sets the standards for power and performance, it should do the same with regard to endurance and reliability too.
The intelligent drive system of the LEXION is one of the many factors which keep maintenance requirements low and operating reliability high.

Reassuringly reliable:

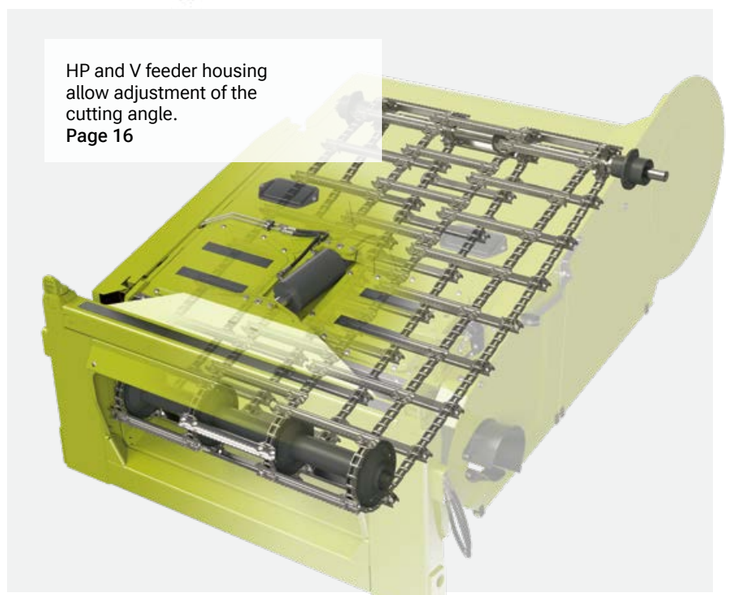
- Central lubrication system for all lubrication points, including the variators.
- Integrated overload protection to avoid blockages in the threshing unit.
- More powerful dust extraction with enlarged cross-section.
- Automatic parking brake for enhanced safety.
- Lowered floor plate in feeder housing for higher throughput.
- Flexible MAXI CARE service products for greater operational reliability.
- Parts subject to heavy loads in wear-resistant PREMIUM LINE quality.
- Remote Service for fast and easy maintenance and service support.



Remote Service
simplifies the periodic
maintenance tasks.
Page 62



MAXI CARE
keeps repair and break-
down risks to a minimum.
Page 68

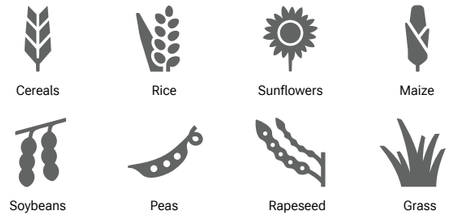


HP and V feeder housing
allow adjustment of the
cutting angle.
Page 16

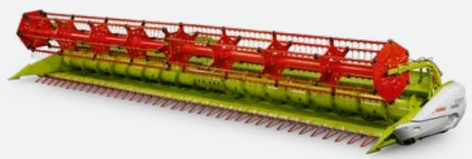
It detects the front attachments, so you have less to do.

Excellent cutting right from the start.

With the right cutterbar, you can harvest effectively and extremely productively right from the word go. Automatic front attachment detection helps you to get your LEXION ready for action even faster.



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



CERIO
930 / 770 / 680 / 620 / 560



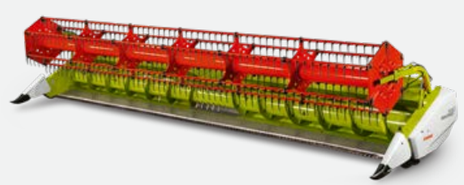
Folding cutterbars
C 540 / 450



CONVIO / CONVIO FLEX
1230 / 1080 / 930 / 770



MAXFLEX
930 / 770 / 680 / 620 / 560



ROVIO
4.1275 / 4.1270 / 4.880 / 4.875 /
4.870 / 4.680 / 4.675 / 4.670



SUNSPEED
1200 / 940 / 750



SWATH UP
450





Automatic front attachment detection saves time.

The LEXION configures the key parameters automatically. It does this based on the following information it receives from the front attachment module: cutterbar type, working width, number of sections, reel position, parking position and the AUTO CONTOUR set values for working height and hectare counter.

You benefit right from the start.

- The combine harvester is ready for harvest in next to no time.
- It is significantly easier to operate.
- The positions of the reel, VARIO cutterbar table and feeder housing are taken into account to rule out the risk of collisions and damage.

AUTO CONTOUR cuts with greater precision.

AUTO CONTOUR adjusts every cutterbar to the terrain precisely. Sensor bands under the cutterbar are deflected by the undulations and trigger the actuation of the corresponding cutterbar rams. The desired cutting height is programmed via CEBIS.

Offload your workload.

- AUTO CONTOUR controls and protects the front attachment.
- It makes working with wide cutterbars easier.
- Your operators will appreciate its assistance, especially at night, in lodged grains, on side slopes and on stony ground.
- It increases output and makes using the LEXION even more cost-effective.

The feeder housing takes everything in its stride.



An optimal crop flow starts with the feeder.

An optimal cutting angle makes an important contribution to ensuring the crop intake is free of losses and blockages, especially when operating under challenging harvest conditions. This is why the feeder housing plays such a decisive role in the success of your harvest. It has to be perfectly matched to the working width, the front attachment, the rotation and the terrain.

You can equip your LEXION with the right feeder housing for every application and requirement. The V feeder housing allows you to perform fast, mechanical adjustment of the cutting angle while the HP feeder housing offers hydraulic assistance so that continuous adjustment to changing harvest conditions can be performed from the comfort of the cab.

A powerful feeder unit makes you more productive.

- The dust extraction system with an enlarged cross-section delivers even greater cleaning performance.
- The additional fan on the feeder housing prevents dust deposits.
- You can adjust the height of the feed roller without using tools.
- A lowered floor plate allows you to achieve even higher throughputs.



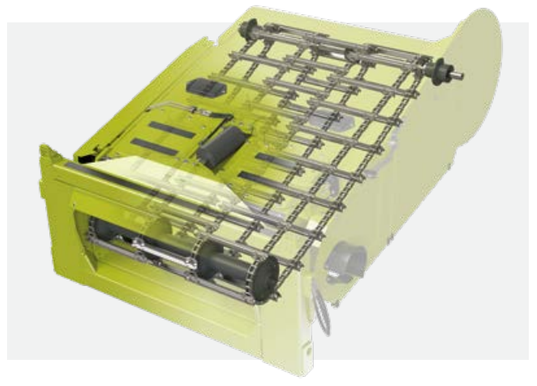
Feeder housing.

The universal feeder housing with a mechanical tensioning system is available with an open or closed guide roller. It is suitable for all cutterbars up to a working width of 12.30 m or for maize pickers up to 9 m.



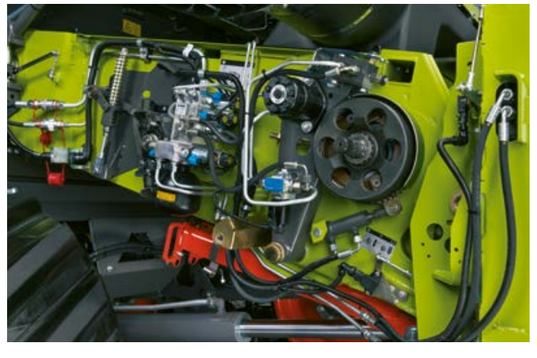
V feeder housing.

The V feeder housing allows you to carry out fast, mechanical adjustment of the cutting angle. This means that you can harvest lodged grain crops, soybeans and grass more easily and with reduced losses as the tendency for the crop to build up is reduced. You can order the V feeder housing ex factory with an open or closed guide roller.



HP feeder housing.

Using the multifunction lever in the cab, you can perform continuous hydraulic adjustment of the cutting angle of the HP feeder housing from -8° to +11° – and you can do so when running at full speed with the front attachment fitted. You can store a separate cutting angle for each of four cutting heights in CEBIS. In this way, you can respond quickly and conveniently to different crop characteristics, types or terrain conditions.



Everything for safe harvesting.

The front attachment brake offers effective protection against foreign objects. In an emergency, you can stop the front attachment immediately via the multifunction lever. Blockages can be cleared by means of protective reversing with high starting torque. The slow intake feeding after reversing avoids load peaks. All functions can be actuated sensitively.

Its process technology has what it takes.

For an even more successful campaign.

Feeder housing, threshing system, secondary separation, straw management – you can count on the process technology of the LEXION to cope, whatever the conditions may be. This combine harvester has everything it takes to deliver excellent harvest performance. On top of that, it impresses with its intelligent assistance systems that allow you to operate it continuously at its performance limits.

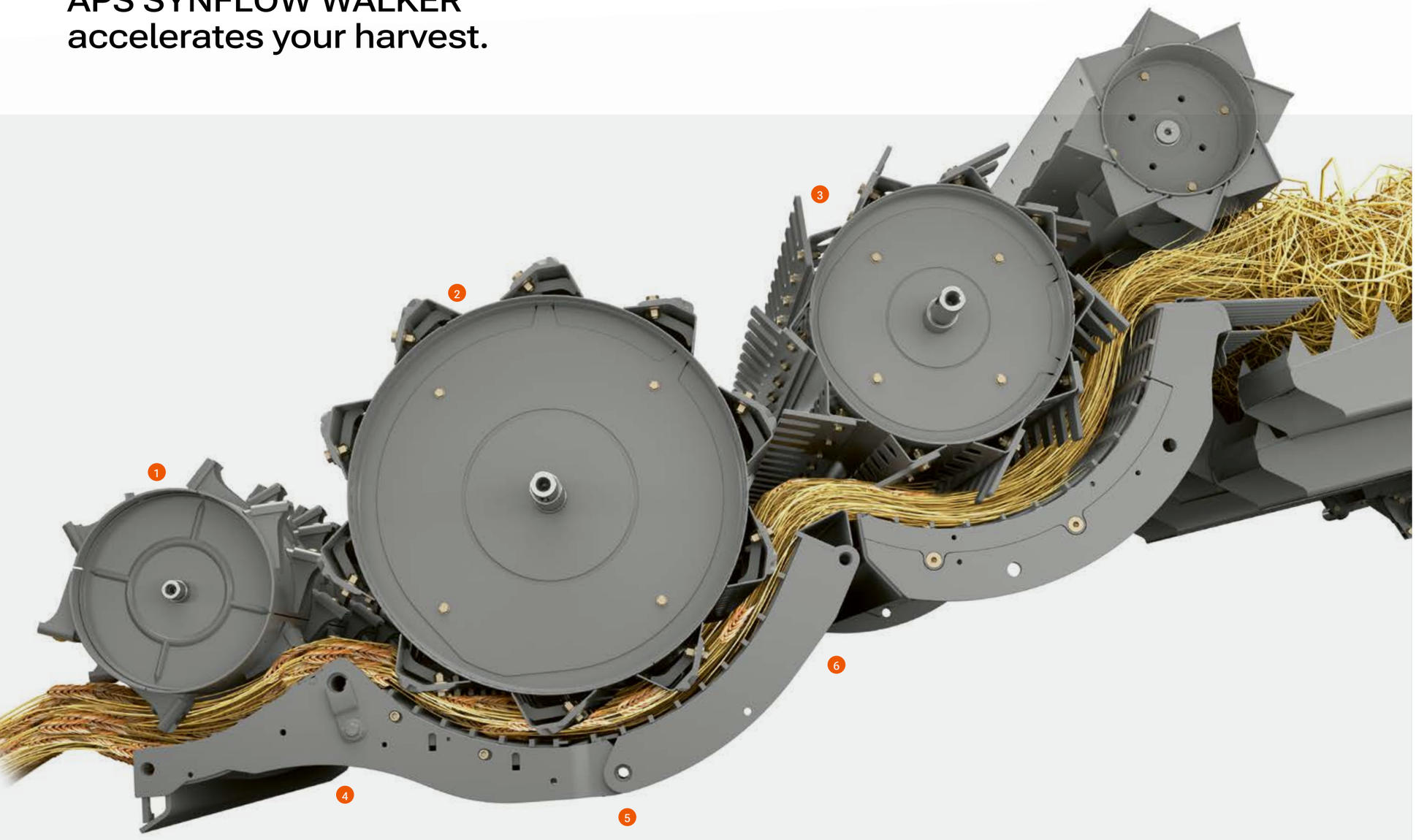
Crop flow at its best.

LEXION operators have always been able to call on an outstandingly capable machine with top performance and efficiency in its DNA. This will continue to be the case in the future.

- The APS SYNFLOW WALKER threshing unit can cope with all crop types. CEMOS AUTO THRESHING applies the appropriate settings, automatically and precisely.
- Clean grain is worth real money. JET STREAM cleans the grain intensively.
- AUTO CONTOUR reduces your workload in every job. The LEXION guides the cutterbar precisely over the ground.
- Keep downtime to a minimum. The front attachment brake keeps foreign objects away from the threshing unit.
- Avoid load peaks. The slow intake feeding after reversing can be controlled intuitively.
- You can use the standard feeder universally with all available front attachments.
- Adjust the cutting angle to your harvest conditions. It is adjusted mechanically in the V feeder housing.
- Harvest all crop types without interruption. With the HP feeder housing, you adjust the cutting angle conveniently from the cab.
- Its straw management is excellent. Even when the machine is operating in strong crosswinds, handling high straw volumes or negotiating side slopes, the radial spreader always deposits the straw precisely.



APS SYNFLOW WALKER accelerates your harvest.



Excellent straw quality.

The APS SYNFLOW WALKER threshing system is gentle on the straw as a result of a particularly straight crop flow. This design means that the crop takes the shortest path through the threshing unit. The large diameter of the threshing and separator drums enables small contact angles and flat transitions between the drums. The outlet of the separator concave is larger than its inlet. The increasing width of the gap prevents the crop from building up and causing congestion. There is hardly any mechanical stress on the straw.

Exceptional adaptability.

Numerous adjustment options increase straw quality as well as throughput. These include the parallel, independent adjustment of the threshing and separator concaves, the threshing drum speed reduction gearbox and the pivoting concave bar. The APS system (APS: Accelerated Pre Separation) accelerates the crop flow smoothly to as much as 20 m/s and generates high centrifugal force for maximum separation performance across all concave areas.

1 **Maximum separation performance.**
Smooth acceleration of crop flow to as much as 20 m/s under the threshing drum.

2 **755 mm threshing drum.**
Large threshing drum for high separation performance and stable throughput.

3 **600 mm separator drum.**
Large separator drum with active separation.

4 **Pivoting concave bar.**
Can be engaged hydraulically via CEBIS for fast adjustment to the threshing conditions.

5 **Hydraulic threshing concave flap.**
Can be engaged hydraulically from the cab or manually from the outside in the event of a change in harvesting conditions.

6 **Synchronised adjustment.**
The preconcave and threshing concave are adjusted in parallel. The drum speed changes are synchronised.





APS SYNFLOW threshes every crop.

Increase throughput and straw quality.

The APS SYNFLOW WALKER threshing system is unique in the straw walker combine harvester segment. It brings together the accelerated crop flow provided by APS with an additional separator drum after the threshing drum. In this way, you can benefit from exceptional throughput rates with excellent straw quality at the same time.

Easy actuation of preconcave flap and threshing concave flap.

In order to react to a change in crop type or for flexible adjustment of the friction path in the threshing and separation sections, the operator can engage the preconcave flap and the threshing concave flap manually from outside. The threshing concave flap is also available with optional hydraulic adjustment. When this option is specified, it can be operated conveniently from the cab and is integrated in CEMOS AUTO THRESHING.

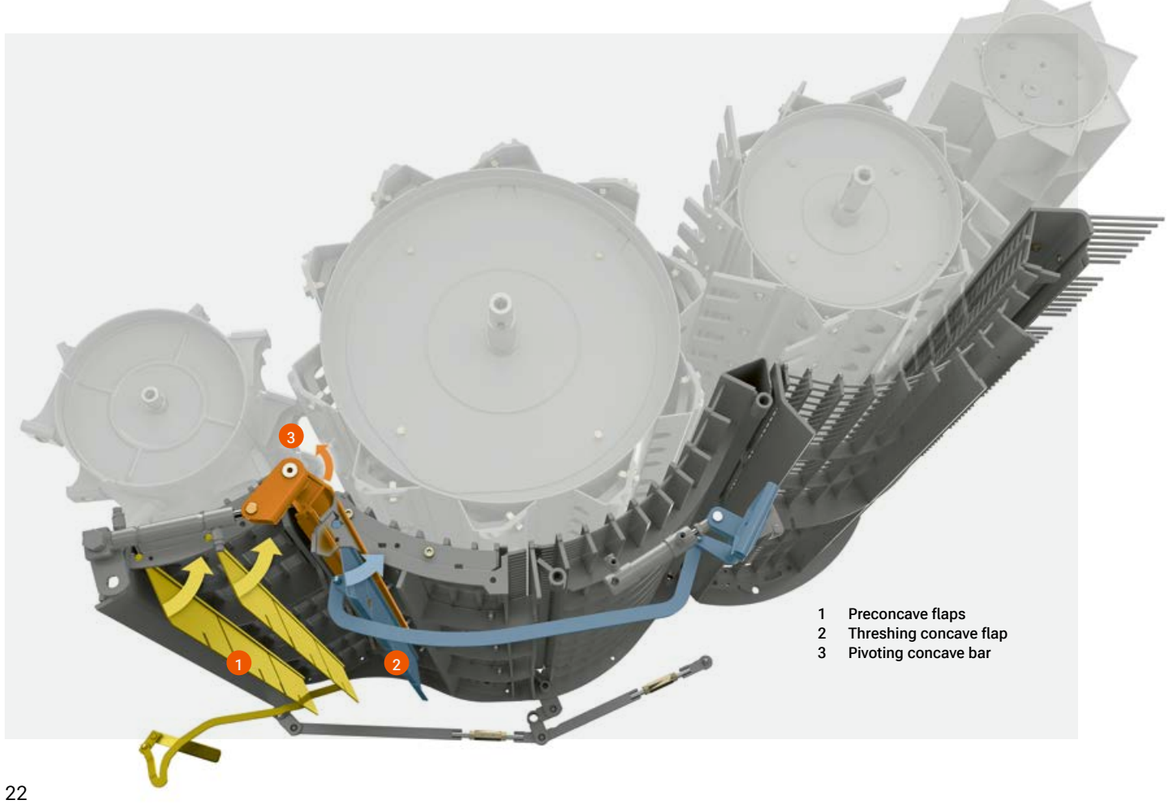
Synchronised speed adjustment.

The threshing drum speed can be matched easily to all conditions and crop types. It can be adjusted in CEBIS to any setting between 330 and 930 rpm. The speeds of the accelerator drum, the separator drum and the impeller change in synchronisation.

Perfect adjustment of threshing unit.

In order to align your LEXION optimally with your business and your preferred crops, six threshing unit versions and three rework kits are available to match the profile of the areas you work. The range allows you to find the ideal threshing unit for rice, maize, beans and grains with high or low yields.





Parallel adjustment of threshing concave.

CEBIS allows infinitely variable hydraulic adjustment of the position of the threshing concave. As this involves the parallel and synchronised adjustment of the preconcave, threshing concave and separator concave, you can be certain that the entire crop flow will run evenly while handling the straw gently. Integrated overload protection prevents blockages and protects the threshing unit from damage.

Hydraulically pivoting threshing concave bar.

For clean threshing under all conditions, including when deawning or decortication is difficult, the threshing concave bar can be pivoted hydraulically via CEBIS. Like the hydraulic actuation of the threshing concave flap, this comfort feature is integrated in CEMOS AUTO THRESHING.

Change concave segments quickly.

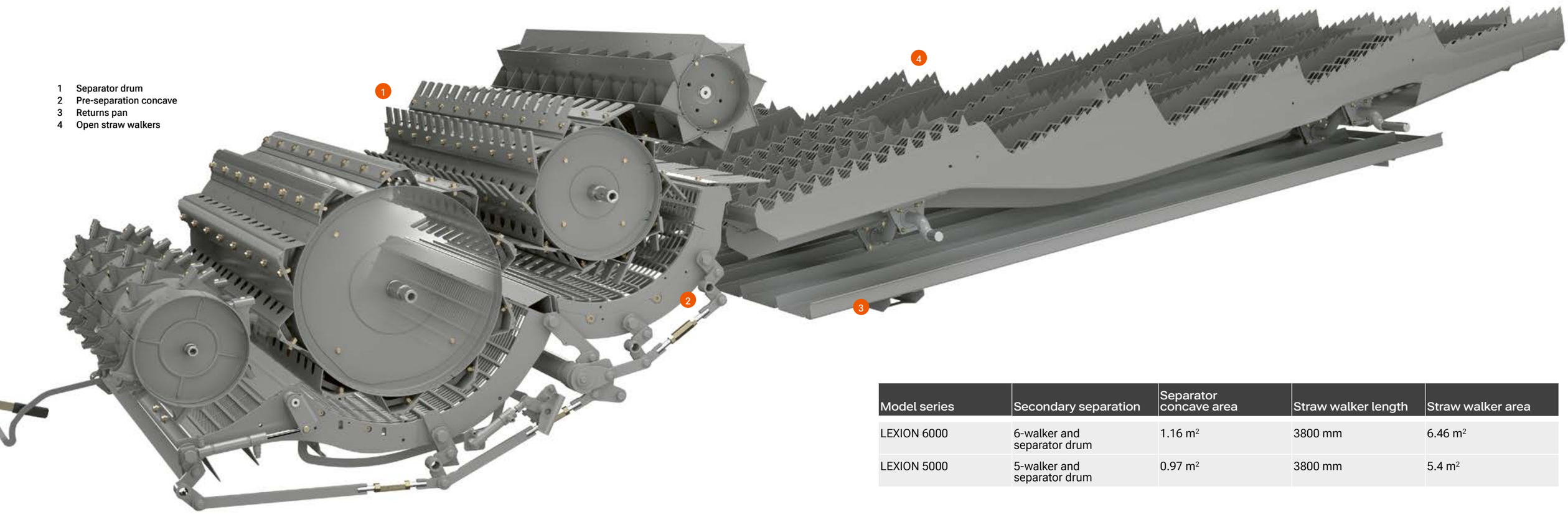
Changeover times from one crop type to another are getting ever shorter. When a changeover is carried out, the main components of the threshing concave remain in the machine. You can quickly change the preconcave segments through the stone trap simply by pulling the threshing concave segment out to the side. The numerous combination options are the key to the unique MULTICROP capability of the LEXION.





A LEXION
makes the most of your crop.

1 Separator drum
2 Pre-separation concave
3 Returns pan
4 Open straw walkers



Model series	Secondary separation	Separator concave area	Straw walker length	Straw walker area
LEXION 6000	6-walker and separator drum	1.16 m^2	3800 mm	6.46 m^2
LEXION 5000	5-walker and separator drum	0.97 m^2	3800 mm	5.4 m^2

Every grain counts.

The even flow of the straw onto the open-bottomed straw walkers combined with an extreme gradient angle ensures that practically all the residual grain is separated from the straw. This process is unaffected by the difficulty of the harvesting conditions or whether you are threshing wet or dry straw.

The mixture of grain, straw and chaff first reaches the preparation floor via the separate returns pan before passing over the straw walker steps to the sieve pan. This significantly reduces the load on the sieve pan.

Every grain counts in the harvest.

- Thanks to the APS threshing system, only some 10% of grains go through the residual grain separation system.
- Even large volumes of straw are transported quickly and easily by the six or five straw walkers.
- No grains are lost, even under difficult field conditions (wet straw, green growth).

Separator drum.

Synchronised with the other drums, a separator drum with a diameter of 600 mm gets every last grain out of the straw.

- High-performance separation with top-quality straw
- Low mechanical load on the straw as a result of the limited contact angle

Large straw walker area.

The secondary separation via the straw walkers is accomplished over a total length of 3,800 mm across four straw walker steps. Even large volumes of straw are transported rapidly and loosely.

- Large separation area for precise secondary separation
- Centre and side risers to fluff material
- Maintenance-free, robust straw walker bearings



Clean grain is worth real money.

Intensive cleaning.

Clean grain is worth real money. The JET STREAM cleaning system with its hydraulic fan speed variator and high-performance returns has plenty of performance capacity in reserve in all crop types. A dual-ventilated step enables intensive pre-cleaning.

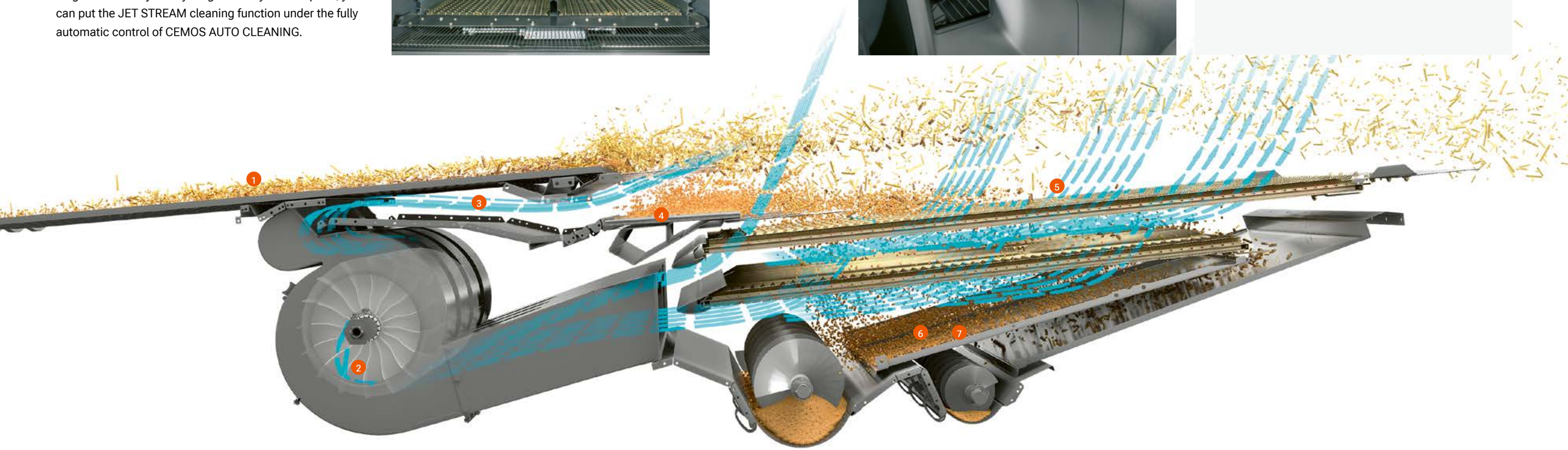
JET STREAM is controlled conveniently from the cab. You no longer have to adjust anything manually. As an option, you can put the JET STREAM cleaning function under the fully automatic control of CEMOS AUTO CLEANING.





The best way to the best grain.

- The JET STREAM cleans the grain intensively.
- The 3D cleaning system keeps the cleaning performance stable when operating on slopes.
- CLAAS PREMIUM LINE parts provide a longer service life.





1 **Preparation floor**
This increases the cleaning capacity of the LEXION while also reducing the load on the upper sieve. The plastic preparation floor elements can be removed through the stone trap for easy cleaning.

2 **Turbine fan**
The powerful turbine fan has sufficient reserves for difficult conditions. The hydraulic variator can be controlled by CEMOS AUTO CLEANING.

3 **Airflow equalisation duct**
The long airflow equalisation duct with the airflow oriented upwards provides consistent cleaning performance and already achieves a high degree of separation at the first step.

4 **Straw walker steps**
The first step is dual ventilated and 56% higher compared with the conventional cleaning system. This enables powerful pre-cleaning with only slight sieve loading.

5 **3D cleaning system**
The maintenance-free system operates in the background. Using active transverse control, it distributes the material evenly across the upper sieve. This ensures that the cleaning performance remains stable when operating on slopes.

6 **GRAINMETER**
The GRAINMETER analyses the returns using a light barrier. This makes it possible to calculate the proportion of grains to the total volume. These data are also used by CEMOS AUTOMATIC.

7 **Returns**
The returns recovers every last grain from unthreshed ear sections. The material is deposited on the accelerator drum, spread out and fed to the threshing drum again.

Collect your grain quickly and reliably.

Up to 13,500 l of grain in the tank.

With a volume of up to 13,500 litres, the grain tank has a capacity to match the increased throughput of the LEXION. Buttons on the armrest control the automatic opening and closing of the grain tank. Additional steps and handrails make access even safer.



Grain tank unloading at up to 180 l/s.

At 180 l/s you can unload the large grain tank of the LEXION in record time. The rate can be reduced from 180 l/s to 90 l/s. If necessary, you can stop the process immediately or turn off the augers gradually in order to completely empty the grain tank unloading tube first.

- Reliable filling of the transport vehicles
- No losses during unloading

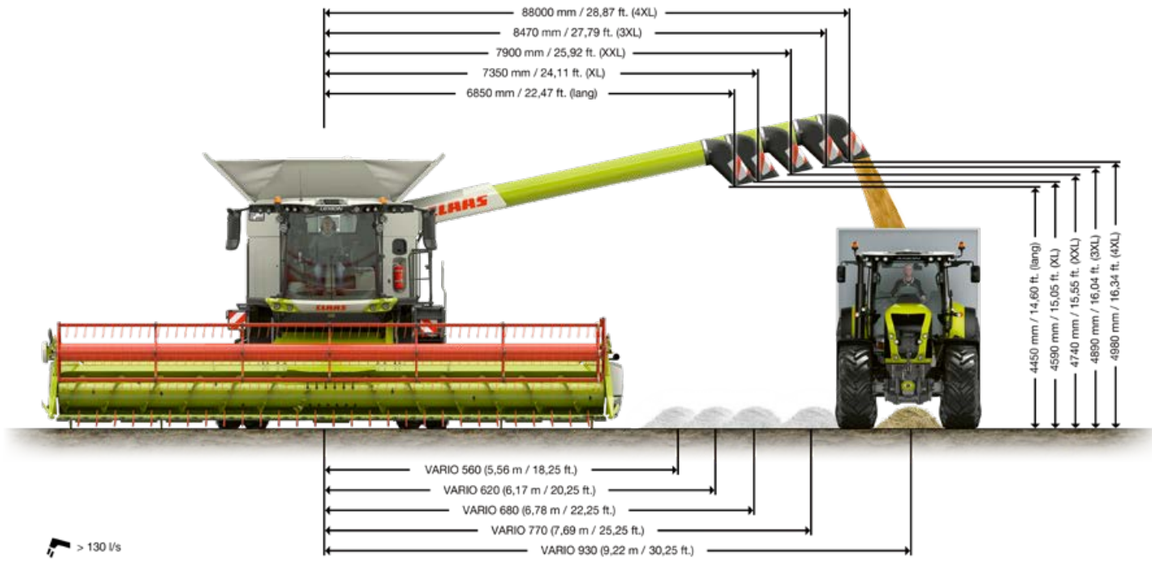
Precise yield measurement.

The QUANTIMETER determines the yield quickly and precisely by means of a baffle plate with an integrated measuring cell at the ejection point of the grain elevator. This system can be calibrated from the cab.



1 Grain elevator
2 GRAIN QUALITY CAMERA
3 QUANTIMETER yield measurement
4 Moisture measurement

Greater height and reach for easy unloading.



Grain tank unloading tube with pivoting spout.

The pivot angle of 105° allows you an excellent view of the grain tank unloading tube. You can select the length of the tube in accordance with the width of the front attachment. The diameter depends on the desired unloading rate: 420 mm for 180 l/s or 330 mm for 80 to 130 l/s.

The stream of material is concentrated by a pivoting spout at the end of the tube. This can be adjusted via the CMOTION multifunction lever and makes it easier to load the transfer vehicles precisely.

Reliable collection.

The concentrated stream makes reliable filling of trailers easier. The automatic cover flap at the end of the grain tank unloading tube ensures that there are no run-on losses during the unloading process.

Precise GRAIN QUALITY CAMERA.

The GRAIN QUALITY CAMERA provides real-time pictures of the crop. As the software identifies non-grain constituents and broken grains, you can use CEBIS to monitor the grain quality and assess it digitally at any time.

4XL and 5XL folding grain tank unloading tubes.

The folding variants of the grain tank unloading tube reduce the overall length of the machine. This means that the LEXION takes up less space on the road and in the machine shed.



Its straw management is excellent.











The following crop starts here.

High straw volumes, changing levels of straw moisture, side slopes and large working widths are particular challenges during grain harvesting. Excellent straw and chaff spreading performance is one of the hallmarks of the LEXION. High-quality chopping and precise spreading of the chopped straw provide a sound basis for subsequent tillage and cultivation.

Technology that makes your straw management efficient:

- Radial spreader for precise straw deposition when operating in strong crosswinds, handling high straw volumes or negotiating side slopes
- Switchover to swathing performed from the cab
- CEMOS AUTO CHOPPING for optimal chopped material quality and lower fuel consumption

Top performance with all crops.

In addition to two straw chopper drives with a manually adjustable chopper speed, there is also a version with hydraulic speed adjustment which can be controlled conveniently from the operator's seat. This option comes into its own when you have to work frequently in changing crop types. During swathing, a neutral setting saves fuel and reduces wear.

Precise straw spreading.

Even when the machine is operating in strong crosswinds, handling high straw volumes or negotiating side slopes, the radial spreader always deposits the straw precisely. Comprising two discharge rotors turning in opposite directions at a constant speed, it takes both the chopped material and the chaff straight from the cleaning section, accelerates it further and spreads it evenly across the entire working width.

Automatic discharge direction adjustment.

You can equip your LEXION with two sensors which automatically adjust the discharge direction of the chopped material to the terrain conditions. The sensors are fitted on the light brackets at the rear of the machine and ensure that the radial spreader and deflector spread the chopped material evenly on slopes or in the event of crosswind. You set the sensitivity of this system in CEBIS.

Targeted chaff spreading.

During swathing, the chaff blower automatically turns outwards. Swaths of long straw and chaff/broken straw mixture are laid separately. For straw spreading, however, the chaff blower forces the sieve pan discharge straight into the radial spreader for active distribution. The chopped straw and the sieve pan discharge are spread across the entire working width.



Sensor for automatic discharge direction adjustment



Static knife and pivoting bottom element in the SPECIAL CUT chopper



Radial spreader for efficient straw spreading with minimal use of power

Campaign performance needs power. CLAAS Power Systems.

Interplay of optimal components.

Top performance happens when all the parts of your CLAAS machine are precisely matched to each other and work together optimally. CLAAS POWER SYSTEMS brings together the best components to form an intelligent drive system: drives which are suited to your requirements and the way you use your machines; full engine output only when you require it; fuel-saving technology which quickly pays off.

Don’t accept any compromises.

You have many possibilities for optimising the LEXION to meet the characteristics of your farm and your fields so precisely that your campaign performance increases to a significant degree.

- The LEXION 6900 top-of-the-range model is equipped with a MAN six-cylinder engine with 507 hp and a displacement of 12.4 l.
- The LEXION 6800 is now also powered by a six-cylinder MAN engine with an output of 466 hp and a displacement of 12.4 litres.
- DYNAMIC POWER adjusts the engine output to the power requirement. This allows you to achieve fuel savings of up to 10%.
- DYNAMIC COOLING reduces your diesel costs. The variable fan drive adjusts its speed automatically in line with the degree of cooling required.
- TERRA TRAC reduces soil compaction. The crawler track units offer a high level of driving comfort and are narrow enough for road travel.
- You can harvest on slopes as effectively as on level ground. The LEXION 5500 is also available as a MONTANA version.
- For greater tractive power in difficult terrain you can equip your machine with a POWER TRAC 4-wheel drive.
- The differential lock ensures high traction and pulling power on slopes and in the wet.



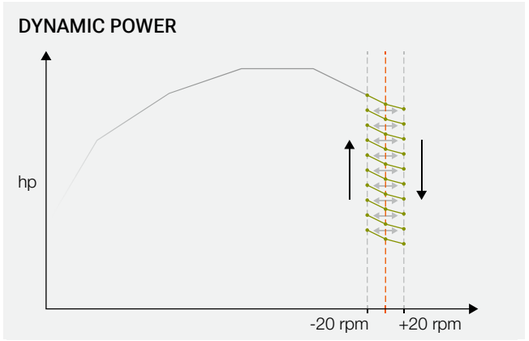
DYNAMIC POWER - the intelligent way to put power down.

More intelligence for the engine.

DYNAMIC POWER automatically adjusts the engine output of your LEXION to the operating conditions. This means that you are always running with the most efficient power curve when operating under partial load and can achieve fuel savings – during swathing, for example – of up to 10%.
At full load when the grain tank is being unloaded and the straw chopper is engaged, for example, maximum engine output is automatically maintained.

Intelligent power.

DYNAMIC POWER uses a variety of power curves on the basis of the engine load. The parameter which triggers the power adjustment is the reduction or increase in the engine speed resulting from a change in the power requirement.



Lower revs on the road.

On the road, the LEXION makes do with just 1,600 rpm. This technology makes it possible for you to save significantly more fuel while running at a reduced noise level and with a high level of driving comfort.





MAN D 26 for LEXION 6900 / 6800

LEXION		6900 / 6900 TT	6800 / 6800 TT	6700 / 6700 TT	6600	5500 TT / 5500 MONTANA	5400	5300
Model		MAN D26	MAN D26	Cummins / L9	Cummins / L9	Cummins / L9	Cummins / L9	Cummins / L9
Cylinders / displacement	No./l	6/12.4	12.4	6/8.9	6/8.9	6/8.9	6/8.9	6/8.9
Maximum output	kW/hp	373/507	343/466	300/408	260/354	300/408	260/354	230/313



Technology that helps you save fuel:

- The LEXION 6900 is equipped with a six-cylinder MAN engine with 507 hp and a displacement of 12.4 l.
- The LEXION 6800 is now also powered by a six-cylinder MAN engine with an output of 466 hp and a displacement of 12.4 litres.
- DYNAMIC POWER adjusts the engine output to the current power requirement.
- You are always operating with the most efficient performance curve in the partial load range.
- Fuel savings of up to 10% are possible during swathing.
- The engine speed is reduced to 1,600 rpm during road travel.
- This significantly reduces the noise level and diesel consumption.

DYNAMIC COOLING – the smart solution.



DYNAMIC COOLING in every LEXION.

Based on a variable fan drive which is unique in the combine harvester sector, DYNAMIC COOLING adjusts its speed automatically and, above all, in accordance with the degree of cooling required. Whatever the outside temperature, DYNAMIC COOLING is able to cope easily. The system not only delivers reliable cooling, but also uses a curtain-effect air flow to reduce the extent to which dust is able to rise. DYNAMIC COOLING requires 20 kW less engine output, thereby helping you to save fuel.

What makes DYNAMIC COOLING so unique?

- Variable fan drive provides cooling when required
- Provides effective and reliable cooling
- Uses full fan speed only under full load
- Minimises extent to which dust is able to rise
- Reduces soiling of the radiator and engine compartment
- With grain tank unloading tube extended, automatically increases speed to actively blow dust away from engine compartment
- Extends the air filter maintenance intervals



Cooling and cleaning in one.
Drawn in vertically at the top, the fresh air passes through a rotating sieve with a diameter of 1.60 m. It is then vented through the engine compartment and over side cooling fins. This ideal air flow prevents almost all dust from rising and so effectively functions as a permanent cleaning system.

Large cooling package for sufficient reserves of cooling capacity.

1 Radiator
2 Oil cooler
3 Intercooler
4 Condenser
5 Fuel cooler



Your time is too valuable to waste.



Hydrostatic ground drive up to 40 km/h.

All LEXION models are equipped with a 2-speed hydrostatic ground drive with convenient gear selection via the buttons on the armrest. The high efficiency of the hydrostatic motor saves power which is available to the rest of the machine. Both the wheeled machines and the TERRA TRAC models can travel at up to 40 km/h.

Automatic parking brake for your safety.
If you run for more than one second at less than 1 km/h, change gear, switch the engine off or get out of the seat, the LEXION automatically activates the parking brake. This increases both your driving comfort and your safety when you leave the cab. The brake is released again as soon as you operate the ground speed control lever.



40 km/h top speed for all wheeled machines and TERRA TRAC models

A drive system that has what it takes:

- Hydraulically actuated dry clutch
- Hydraulically tensioned main belts
- Standardised belt tensioners
- Improved power transmission
- Lower maintenance costs



Differential lock for improved traction.
The electrohydraulically operated differential lock, which is activated simply by means of a pushbutton in the centre console, ensures that you can continue to operate safely and reliably in extreme conditions. The high traction and pulling power of the LEXION are maintained on slopes and in the wet. You can also engage the differential lock under load.

Automatic function for more comfort.
The differential lock automatic engagement and disengagement function makes working with the LEXION particularly comfortable and safe.

- Automatic engagement when ground speed is less than 10 km/h, steering angle less than 15° or slip occurs
- Automatic disengagement when ground speed is over 10 km/h, steering angle over 15° or braking occurs

Tyres for high level of soil protection.
Tyre diameters of up to 2.15 m for the front wheels and 1.65 m for the rear help you protect the soil while working.

Powerful POWER TRAC 4-wheel drive.
When ground conditions are difficult, a push of a button is all it takes to engage the 4-wheel drive in order to benefit from greater traction. Or you can use the standby mode, in which the 4-wheel drive is permanently available in the background and can be activated quickly if required.

- **ON:** rear wheels are mechanically engaged and are driven
- **STANDBY:** rear wheels are mechanically engaged but are not driven
- **OFF:** rear wheels are mechanically disengaged



The soil is your greatest asset.





LEXION 8000 TERRA TRAC



LEXION 7000 TERRA TRAC

TERRA TRAC for every requirement.



TERRA TRAC 635 mm



TERRA TRAC 735 mm



TERRA TRAC 890 mm

TERRA TRAC 890 mm spoke design

TERRA TRAC 890 mm rice

Third-generation crawler unit.

The soil is the most important basis for production available to you. As it is impossible to create more of it, you need to be able to obtain ever greater yields from the existing land. The key to this is more productive machines which, thanks to TERRA TRAC, are extremely gentle on the soil.

The third generation of TERRA TRAC crawler tracks impresses with the large diameter of the land wheels, hydropneumatic suspension, improved track tensioning and automatic level compensation from 2 km/h. The TERRA TRAC system increases traction drastically and leaves hardly any trail behind it when operating in the wet, on soft ground or on side slopes. This makes the work of the transport vehicles considerably easier.

TERRA TRAC on the road.

- 40 km/h top speed possible
- Fully suited to road travel at 20, 25, 30 and 40 km/h
- High driving safety and directional stability
- More driving comfort compared with a wheeled machine

TERRA TRAC in the field.

- Up to 66% less ground pressure than wheeled machines
- Better traction in maize, in the wet and on slopes
- Less slip and greater stability on side slopes
- Lower drive resistance and fuel consumption

TERRA TRAC in rice.

- Special rice track, 890 mm wide
- Greater spacing of tread lugs for self-cleaning
- High traction and load-bearing capacity
- Will not sink in when operating in wet field conditions

The LEXION harvests on slopes as effectively as on level ground.

LEXION 5500 MONTANA.

Threshing on slopes as effectively and powerfully as on level ground – the MONTANA combine harvesters from CLAAS have made a name for themselves around the world with their prowess in this domain. With its fully automatic side slope compensation of up to 18% and longitudinal compensation of up to 6%, the LEXION 5500 MONTANA is able to cope with even the hilliest of fields.

Built for tough terrain.

The LEXION 5500 MONTANA is the ideal combine harvester if your farm is located in a hilly region. It is perfectly at home in particularly challenging terrain and is able to operate successfully even under extreme conditions.

- The machine reduces your workload significantly when harvesting on slopes. All the MONTANA functions are fully automatic.
- You can also enjoy loss-free harvesting on slopes. This is made possible by the precise cutterbar guidance, the MONTANA feeder housing and the MULTI CONTOUR control.
- You can always make good progress on steep slopes and in difficult terrain thanks to 4-wheel drive and the differential lock.
- You can operate efficiently in the field. There is no need to change gear up to 12.5 km/h.



Automatic compensation for side slopes up to 18%.



Full support on steep slopes.

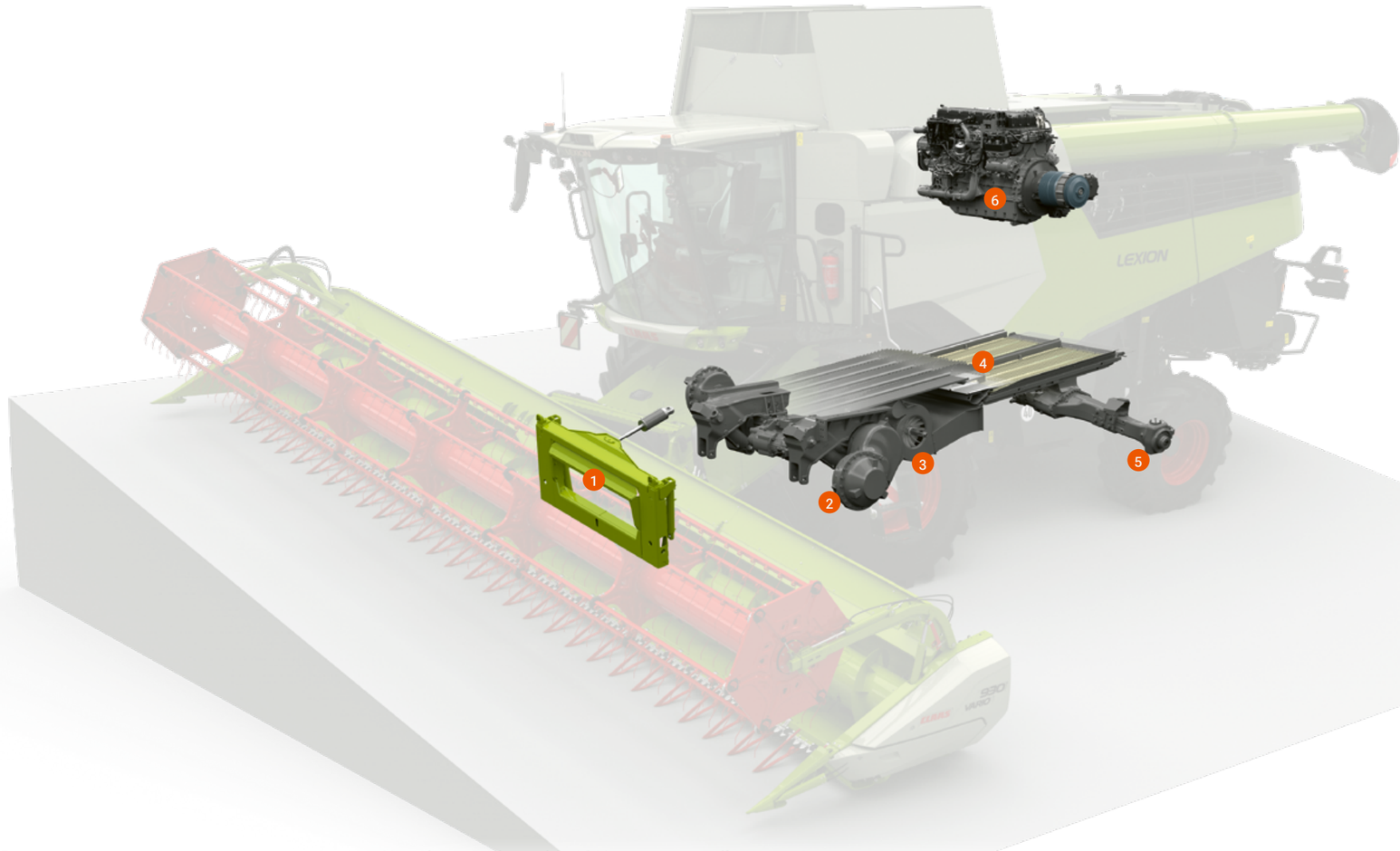
The interplay of all the MONTANA components ensures that you can also harvest effectively on challenging slopes. Whatever the conditions, you can operate safely and reliably while enjoying a high level of driving comfort because your seating position is always level. All MONTANA functions run automatically – adjusted to the slope of the field.

Compensate a side slope of up to 20%.

The MONTANA feeder housing is equipped with two vertical rams for AUTO CONTOUR control and up to 20% side slope compensation.

The MULTI CONTOUR feeder housing has a horizontal ram for hydraulic adjustment of the cutting angle. This enables automatic longitudinal compensation of up to 6%. Depending on the axle position, the MULTI CONTOUR system controls the pivoting frame, the cutting angle adjustment and all the usual AUTO CONTOUR functions.





1 **MONTANA feeder housing**
Slope compensation up to 20%

2 **MONTANA front axle**
Up to 18% side slope compensation and differential lock for greater traction

3 **AUTO SLOPE**
Automatic adjustment of fan speed

4 **3D cleaning system**
Active transverse control of the upper sieve

5 **POWER TRAC 4-wheel drive**
Maximum traction in challenging terrain

6 **Mercedes-Benz engine**
Plenty of power and high reserves of performance

Precise cutting with AUTO CONTOUR.

AUTO CONTOUR guides the cutterbar precisely over the ground contours and ensures a clean take-up, trouble-free threshing and a uniform stubble height in all crops.

Two ways to work efficiently.

Two different operating modes are available for the MONTANA function. Setting the maximum side-slope compensation uses the entire deflection range of the front axle. This mode is recommended for most areas of operation.

Setting a constant cutting angle restricts the deflection range of the front axle and instead gives priority to the set cutting angle. This mode is recommended when harvesting lodged grains and low-growing crops.

Keeping moving with 18% transverse tilt.

The MONTANA chassis compensates for transverse tilt of up to 18%. Angle sensors detect the position of the axle. Hydraulic swing rams turn the axle portals to adjust the wheels to the ground. This allows you to thresh in steep terrain as effectively as on level ground.

Comfortable harvesting with two drive ranges.

A 2-speed gearbox with automatic adjustment to the engine load ensures that you have high traction in steep terrain. In both gears, operators can call on two drive ranges. When the machine requires maximum traction, it switches automatically to the lower drive range. With 4-wheel drive and an electrohydraulic differential lock (optional) you have everything you need to keep you safely on the move and are always able to call on sufficient traction.

Everything you need for sloping terrain.

- The MONTANA system controls the chassis automatically on slopes of up to 18%.
- The feeder housing compensates for slopes up to 20%.
- The MULTI CONTOUR feeder housing provides longitudinal levelling up to 6%.
- The differential lock and 4-wheel drive provide high traction and reliability.
- The powerful 2-speed ground drive enables a working speed of up to 12.5 km/h in first gear.
- AUTO SLOPE adjusts the fan speed automatically, as required.

A comfortable working environment also helps to increase productivity.

Exactly the right level of support.

Instead of settling for functions imposed by others, select the ones that fit your farm. The line-up includes self-learning operator assistance systems as well as high-end lighting packages which illuminate your working area as bright as day.

Comfort improves performance.

We know that you work better in the field when you have a comfortable working environment. This is why the cab of the LEXION is designed for comfort. As well as being distinctly spacious at head, shoulder and leg level, it features an intelligent control concept and a bright CEBIS terminal which provides a razor-sharp display of all the information you need.

- Whether the day is hot or cold, you will be in your comfort zone. The optimised airflow ensures a pleasant temperature in the cab.
- You will also be comfortable throughout the longest of working days, whether you choose the standard seat or the premium leather seat.
- Everything is safely stowed and kept pleasantly cool in the storage compartments in the B-pillar or the cool box under the instructor's seat.
- Stay informed and well organised with the digital radio with hands-free facility and the tablet holder.
- You can keep working when night falls thanks to the LED work lights and the maintenance lighting available in a number of different versions and configurations.
- Camera systems give you a clear view for added safety and convenience when performing tasks such as unloading the grain tank or hitching up the cutterbar trailer.
- The radio sound system with Apple Car Play und Android Auto delivers the best in in-cab entertainment.



The focus is on the operator.

Higher comfort. Higher performance.

When your job calls for you to deliver top performance, day after day, you deserve a working environment where you feel at ease. Ergonomic seats and well thought-out air conditioning keep you free of stress, even on long harvesting days. A high-quality sound system, practical storage compartments and an integrated cool box make every minute at work more pleasant.

1 **CEBIS control terminal**
2 **Armrest with direct adjustment**
3 **Plenty of storage**
4 **Refrigerator box**
5 **Very quiet cab for pleasant working days**



A cab full of highlights.

- New radio system with 6.75-inch display for Apple Car Play® & Android® Auto
- Low noise level through efficient cab insulation and reduced engine speed
- Comfortable seats for long working days
- Plenty of space in the storage compartments and the cool box
- Mobile phone holder with wireless charging function
- LED work lights and maintenance lighting
- Camera systems for a complete overview
- Compressed air connection with spiral hose and air pressure gun in the cab for practical cleaning on the go

You have a choice of two comfort packages to meet your specific requirements:

Operator Package
- Comfort seat, air-suspended
- Fabric armrest with integrated radio and telephone controls
- Radio sound system with hands-free facility
- Storage compartments with USB-C port in the B-pillar
- Footrests

Operator Package PLUS
- Leather-upholstered armrest and leather steering wheel
- Instructor's seat with cool box
- Various radio options
- Mobile phone holder with wireless charging function
- Roller sun blinds for the side windows
- Cool box including instructor's seat

Operator Package PROFESSIONAL
- Air-suspended premium leather seat, swivelling
- Radio sound system with Apple CarPlay®, Android® Auto and touchscreen

For optimum visibility and maximum safety.

Light & Visibility Package PLUS
- LED Plus work lights
- Windscreen wiper system
- Close-proximity mirror
- Electrically adjustable and heated rear-view mirrors
- Rear camera with display on CEBIS terminal

Light & Visibility Package PROFESSIONAL
- LED Professional work lighting
- Wiper system for windscreen and side windows
- Additional camera options and additional display screen for camera image



Apple CarPlay and Android Auto provide the right soundtrack for your harvest



For quick cleaning on the go – the air pressure gun in the cab

A LEXION is easy to drive.

CEBIS operates intuitively.

Operation is intuitive and possible without previous knowledge. This means that even new operators are able to use the LEXION in a short time. CEBIS plays a decisive role in this. The system is an information supplier, performance optimiser and problem solver all rolled into one.

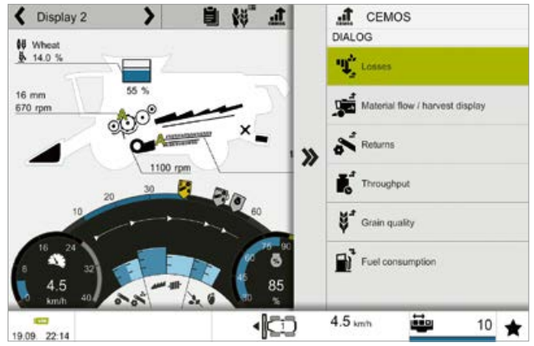
CEBIS offers immediate assistance.

Stored in CEBIS is a library of measures – based on the experience of countless CLAAS combine harvester operators – for resolving various problem scenarios. They consider all the parameters which could contribute to solving the problem. This comprehensive resource supports you in making full use of the installed capacity of the machine.

CEBIS simplifies the menu.

Beginner, normal or expert: you define your user type and CEBIS adjusts the menu system to your level of experience. This ensures that new operators are not overwhelmed by complex menus. The operator assistance system is also integrated in CEBIS. You operate CEMOS DIALOG and CEMOS AUTOMATIC via the user-friendly touchscreen. Using the four sliders, you program the system's automatic functions with the strategies you wish them to follow.





CEMOS DIALOG integrated in CEBIS



Intelligent control by
CEMOS AUTOMATIC via CEBIS

1 **CEBIS touchscreen**
CEBIS responds immediately to a tap on the touchscreen. You have direct access to the field work and road travel machine functions as well as to all the operator assistance modules, such as CEMOS AUTOMATIC.

2 **CEBIS rotary push switch**
Even when operating in bumpy terrain in the field, you can easily navigate the CEBIS control panel using rotary/push switches and the Escape and Favourites buttons – to adjust the threshing drum speed, for example.

3 **Direct adjustment via switches**
You operate predefined basic functions directly by means of assigned switches. In this way, you can adjust the sieve opening or the fan speed, for example.

4 **CMOTION favourites management**
Seven settings can be programmed as favourites in CEBIS. When working, you can call these up conveniently via rocker switches on the CMOTION ground speed control lever. Your hand intuitively actuates the relevant switches while you keep a close eye on the front attachment.

User-friendly design that supports the operator and reduces stress.

- Depending on your preference, settings can be adjusted in three ways in the LEXION: via the CEBIS touchscreen, the CEBIS rotary push switch or the direct-adjustment switches.
- Operating the direct adjustment system causes a dialogue box to open in CEBIS.
- A numeric keypad helps you enter precise target values.
- All parameters can be modified easily by means of dial and slide controllers in CEBIS.
- All the functions of the CEMOS AUTOMATIC operator assistance system, as well as CEMOS DIALOG, are integrated in CEBIS.
- You can call up your seven favourites directly on the CMOTION ground speed control lever.

Every harvest benefits from these systems.

Digitalisation is indispensable.

We have three very good reasons for digitalising our machines: we want to help your operators work more confidently, to make your harvest go more smoothly and to reduce your costs. With self-learning operator assistance systems such as CEMOS AUTOMATIC, for example, or steering systems that are accurate down to the last centimetre.

Connected machines are more productive.

To enable you to get more out of your CLAAS machines, we have a range of modules to connect them with the farm. The line-up extends from yield mapping to fleet coordination to continuous documentation of your job and yield data.

- Let CEMOS AUTOMATIC reduce your workload significantly. Select the appropriate modules from entry level to the full version.
- CEMOS AUTO HEADER actively controls the position of the reel and the VARIO cutterbar table.
- The more precise your movements in the field, the more efficiently you will be able to harvest. Accurate down to as little as 2.5 cm, the GPS PILOT CEMIS 1200 keeps the number of passes required to a minimum.
- Collect and process your data how and where it suits you. CLAAS connect gives you a whole host of options.
- Increase throughput, grain quality and comfort. Active forward travel control or a threshing unit which adjusts itself help you achieve these goals.



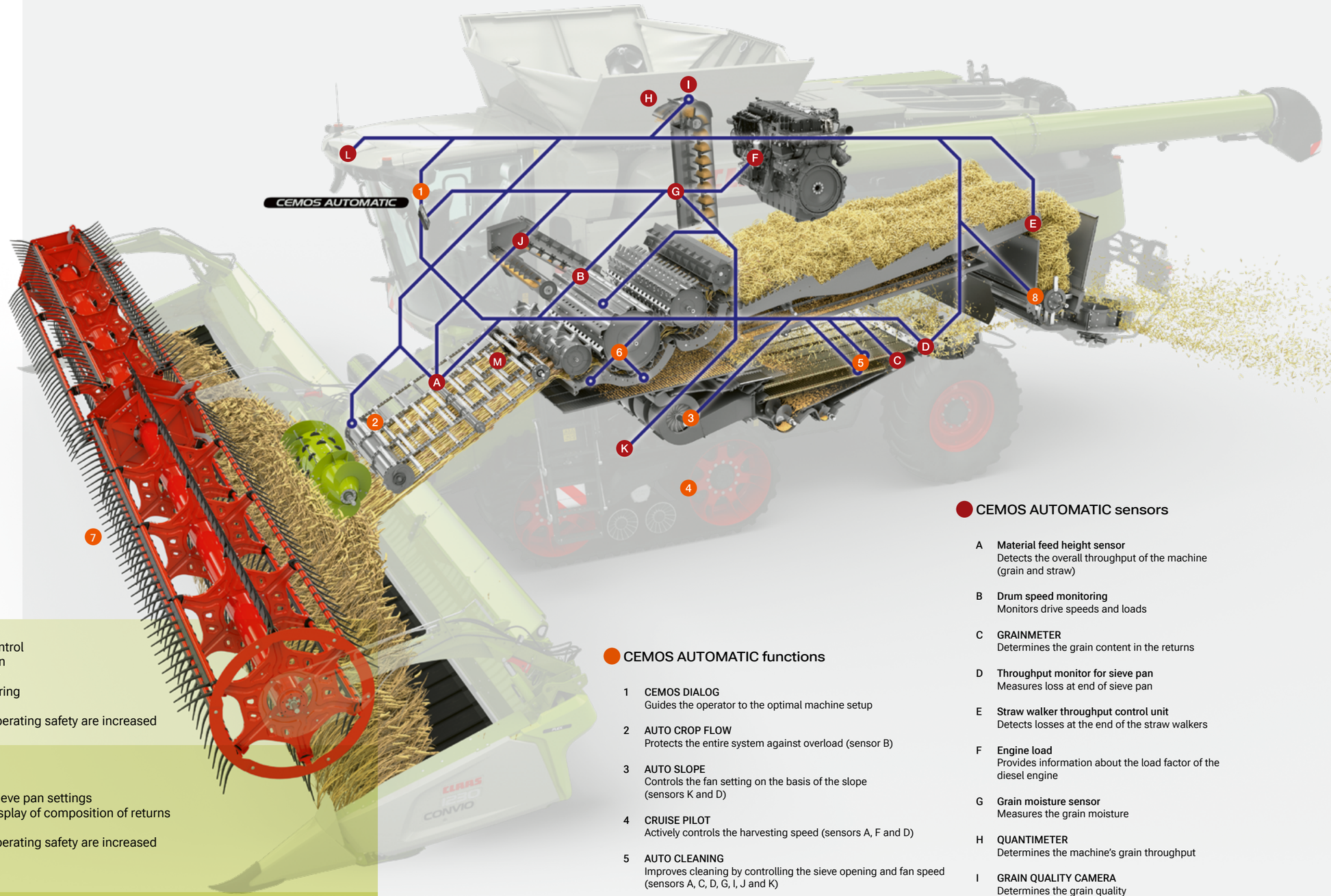
CEMOS operators are unbeatable.

Configure CEMOS AUTOMATIC for your specific requirements.

CEMOS AUTOMATIC is a self-learning operator assistance system which provides you and your operators with continuous, active support throughout the entire work process. On the basis of harvesting parameters, such as grain quality, threshing quality, standard of cleaning, straw quality and throughput, the system checks sensors and settings. It optimises your LEXION to its technical performance limits while it is running.

The operator decides.

You tell the system your requirements concerning the grain quality and loss level. During harvesting, CEMOS AUTOMATIC optimises the performance of your machine to meet your criteria precisely.



Performance made to measure: CEMOS packages. There's a level to meet every requirement.

CEMOS AUTO 10% performance increase with greater comfort, safety and learning capability	– Automatic forward travel control – Dialogue-based optimisation – Consistent threshing quality – Automatic crop flow monitoring – Lasting learning effect – Operator stress relief and operating safety are increased
CEMOS AUTO Plus up to 20% performance increase and improved grain cleaning	– Automatic optimisation of sieve pan settings – Digital measurement and display of composition of returns – Lasting learning effect – Operator stress relief and operating safety are increased
CEMOS AUTO Professional automatic optimisation along the entire crop flow path	– Automatic optimisation of the threshing unit – GRAIN QUALITY CAMERA captures and analyses grain quality and cleaning – Fewer impurities – Optimisation of grain quality – Lasting learning effect – Operator stress relief and operating safety are increased

CEMOS AUTOMATIC functions

1 **CEMOS DIALOG**
Guides the operator to the optimal machine setup

2 **AUTO CROP FLOW**
Protects the entire system against overload (sensor B)

3 **AUTO SLOPE**
Controls the fan setting on the basis of the slope (sensors K and D)

4 **CRUISE PILOT**
Actively controls the harvesting speed (sensors A, F and D)

5 **AUTO CLEANING**
Improves cleaning by controlling the sieve opening and fan speed (sensors A, C, D, G, I, J and K)

6 **AUTO THRESHING**
Provides fully automatic adjustment of the threshing concave clearance and the threshing drum speed (sensors A, B, D, E, F, G, H and I)

7 **AUTO HEADER**
Actively controls the position of the reel and the VARIO cutterbar table or the CONVIO belt speed (sensors A and T)

8 **AUTO CHOPPING**
Improves the quality of the chopped material and reduces fuel consumption (sensor M)

CEMOS AUTOMATIC sensors

A **Material feed height sensor**
Detects the overall throughput of the machine (grain and straw)

B **Drum speed monitoring**
Monitors drive speeds and loads

C **GRAINMETER**
Determines the grain content in the returns

D **Throughput monitor for sieve pan**
Measures loss at end of sieve pan

E **Straw walker throughput control unit**
Detects losses at the end of the straw walkers

F **Engine load**
Provides information about the load factor of the diesel engine

G **Grain moisture sensor**
Measures the grain moisture

H **QUANTIMETER**
Determines the machine's grain throughput

I **GRAIN QUALITY CAMERA**
Determines the grain quality

J **Returns volume**
Detects the overall volume in the returns

K **Incline sensor**
Measures the machine incline

L **FIELD SCANNER**
Detects the height of the plants

M **Straw moisture sensor**
Measures straw moisture

Optimise CEMOS AUTOMATIC for your harvest.

The functions of CEMOS AUTOMATIC.

In CEMOS AUTOMATIC you have a self-learning, modular operator assistance system. Choose from the set of available functions the ones that are most cost-effective for your farm.

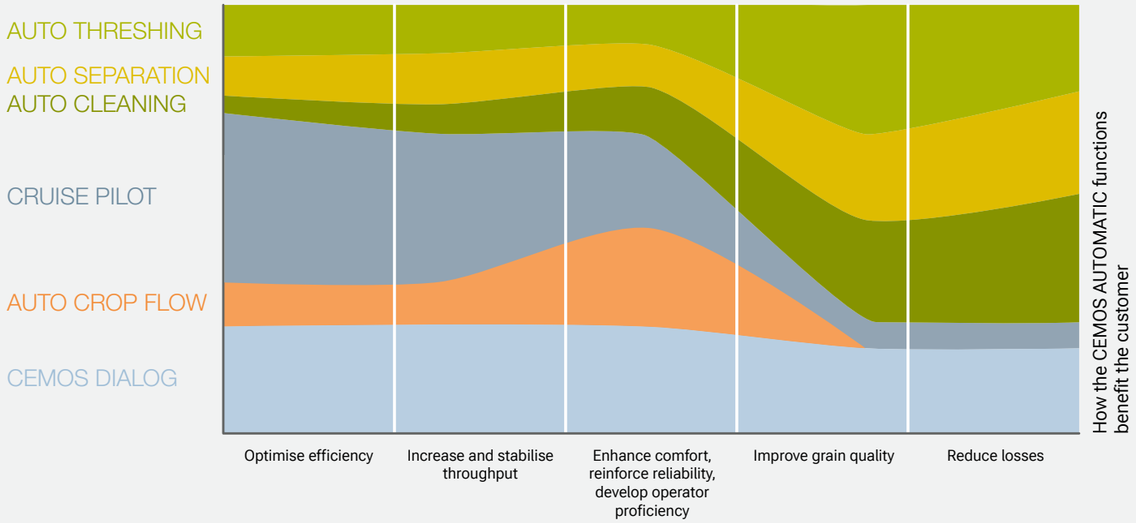
CRUISE PILOT and AUTO SLOPE, for example, provide economical access to automation. With these functions, as well as benefiting from intelligent forward travel control, your LEXION is able to adjust the fan speed automatically. This allows the grain cleaning system to operate without losses in undulating terrain.

Or you can choose the full version of CEMOS AUTOMATIC and let the machine optimise its threshing unit, primary and secondary separation autonomously. You benefit from high throughput, clean grain and reduced fuel consumption.

Harvesting at the limit.

- Your operators' workload is reduced significantly.
- You obtain more throughput and a high standard of grain cleaning.
- Downtime due to blockages or overloading is avoided.
- The fuel efficiency of your LEXION is improved.
- You have no outages because of incorrect settings.
- You reduce costs and effort effectively.
- You increase your campaign performance.

CEMOS AUTOMATIC supports your harvesting performance.



The CEMOS AUTOMATIC functions support you throughout the entire harvest. You can configure the functions in such a way that they are a precise fit for your requirements. The user-friendly CRUISE PILOT, for example, helps you optimise efficiency while increasing throughput and stabilising it. If you wish to improve the grain quality and reduce losses, AUTO THRESHING will provide you with optimal support.

AUTO CROP FLOW recognises peak loads.
If the preset slip limit is overshot, AUTO CROP FLOW prevents any more material from entering the machine. This avoids downtime due to blockages, damage or overloading.

AUTO SLOPE manages cleaning on slopes.
AUTO SLOPE reduces your workload by controlling the fan speed on the basis of the longitudinal tilt.
- You increase throughput and reduce grain losses on slopes.
- The cleaning performance always remains stable.
- The crop flow in the cleaning system is maintained.

CRUISE PILOT controls the speed.
The optimal harvesting speed increases your productivity. CRUISE PILOT controls it automatically on the basis of the engine load. It is possible to choose from three strategies:
1 **Maximum throughput with loss monitoring: you are always harvesting at the machine's performance limit.**
2 **Constant throughput: all the key assemblies are subject to consistent loading even under changing conditions.**
3 **Cruise control: you work at a constant harvesting speed.**

CEMOS AUTO CHOPPING.
The positions of the static knife and the friction concave plate are automatically adjusted to the current condition of the straw in order to improve the quality of the chopped material.

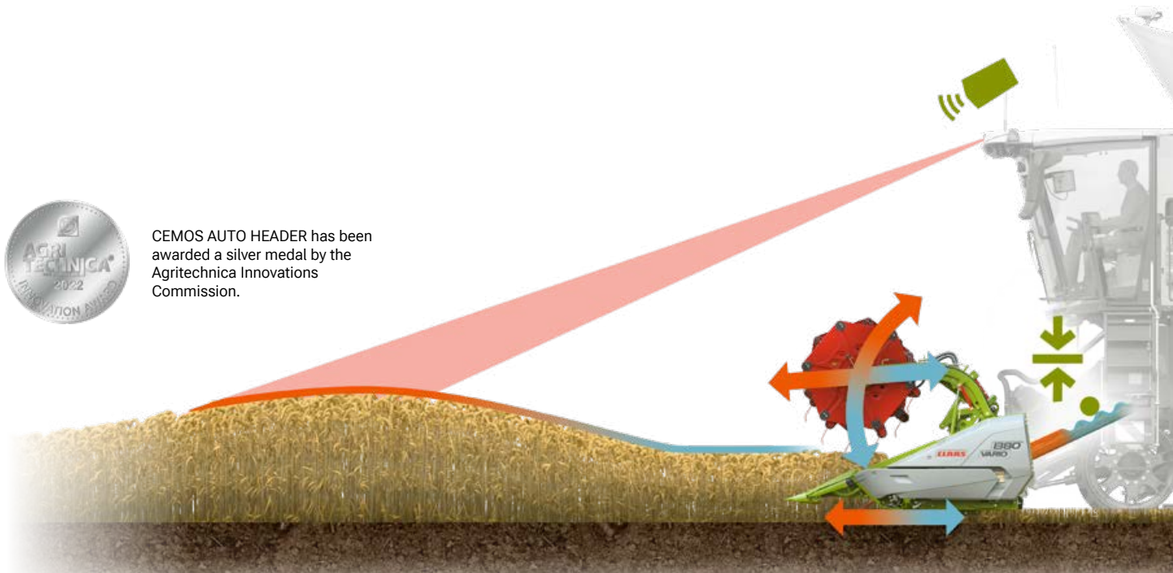
CEMOS AUTO CLEANING.
The fan speed and the upper and lower sieve opening are the parameters by which CEMOS AUTO CLEANING automatically regulates the cleaning. In the background, the system continuously tests various settings to optimise performance. If parameters such as yield, grain quality, throughput or moisture change, CEMOS AUTO CLEANING reacts immediately.

CEMOS AUTO THRESHING.
The system improves the performance of the threshing unit and primary separation. It controls the threshing concave clearance and the threshing drum speed fully automatically. A comparison of all the possible settings to optimise performance takes place in the background. The data on which this is based are supplied by numerous sensors in the machine.

CEMOS AUTO HEADER.
The FIELD SCANNER sensor detects the height of the plants while the material feed height sensor in the feeder housing evaluates the crop flow. On the basis of these data, CEMOS AUTO HEADER actively controls the position of the reel and the VARIO cutterbar table. This results in an optimal crop feed at all times along with a significant reduction in the workload for the operator.

CEMOS AUTO HEADER is available for VARIO and CONVIO cutterbars.

CEMOS AUTO HEADER has been awarded a silver medal by the Agritechnica Innovations Commission.



CEMOS DIALOG
motivates you like never before.





Greater safety and reliability in the field.

Controlled through CEBIS, the CEMOS DIALOG operator assistance system guides you to the optimal machine setup. Settings which are confirmed by you are implemented directly by CEMOS DIALOG. You are motivated to check the settings more frequently and also benefit form the learning effects.

CEMOS analyses the machine's performance.

The machine always keeps you informed about the scope for optimisation. It continuously indicates all the factors imposing the greatest limitations on throughput and actively suggests ways to increase performance.

It even calibrates the sensitivity of the loss sensors automatically while running. If you change the accepted loss level during harvesting, CEMOS DIALOG automatically adjusts the sensitivity of the sensors. There is no need for another loss measurement to be performed.

CEMOS Advisor app supports you.

The free CEMOS Advisor smartphone app helps you find the optimal machine setting. The grain loss calculation is already integrated in this valuable adjustment aid.

Harvest right up to the grain loss limit.

- You only have to calibrate the loss sensors at the start of the day.
- CEMOS DIALOG actively supports you with loss measurements.
- After the loss level has been changed, the sensitivity of the sensors is corrected automatically.
- The machine always works precisely up to the limit set for acceptable losses.





The dimensions of the loss control pan being used are entered in CEBIS

Determine losses.

Increase campaign performance.

Setting the correct loss rate plays a decisive role in increasing your campaign performance. An accurately set grain loss ratio ensures that you do not waste any power. Once the losses have been determined and the sensitivity of the loss sensors has been adjusted accordingly, CEMOS AUTOMATIC applies the optimal settings. In this way, the system always brings the machine precisely up to the limit of acceptable losses. Another benefit of this system is that it prevents the entry of incorrect values which could slow the machine down.

Loss sensor programming.

CEMOS DIALOG supports you when it comes to calibrating the loss sensors for the separation and cleaning stages. You can use the same loss control pan which you are already using.

The system guides you steadily, step-by-step, through the loss measurements. It asks you to input the dimensions of your loss control pan and tells you when to deploy it. Once you have entered the measurements obtained with the loss control pan (volume, weight or number of grains), CEMOS DIALOG suggests a value for the sensitivity of the loss sensors. The better the sensor sensitivity setting, the more precise the loss indication.

Adjusting the sensitivity.

This is a situation you will recognise: you start harvesting in the morning with a loss level of 0.5%. In the afternoon, there is a risk of rain. You want to adjust the loss limit to 1%. As soon as you enter the new loss value, CEMOS DIALOG automatically determines the corresponding value for the sensitivity of the loss sensors. CEMOS AUTOMATIC runs the machine at the maximum loss limit again and optimises the throughput. This saves you a lot of time, as there is no need for another measurement of losses to be performed with a loss control pan.

CEMOS DIALOG optimises the quality of your crop.

You specify the level of crop quality you wish to obtain, CEMOS DIALOG asks for your target values and assists you with calibration of the GRAIN QUALITY CAMERA. The system then guides you step by step to the sought-after result.

Operating in the background, the GRAIN QUALITY CAMERA continuously analyses the harvested material for broken grains and non-grain constituents. You are kept informed at all times about the current quality of the crop. At the same time, CEMOS AUTO THRESHING uses the results of the analysis for continuous optimisation of the threshing unit settings.

The LEXION: precision harvesting like never before.

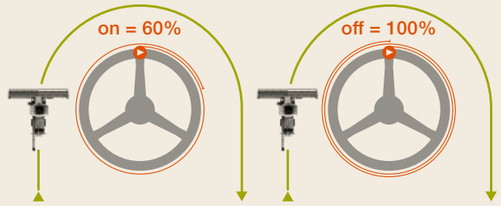
Keep the number of passes to a minimum.

Steering systems are an essential tool in your everyday work. The LEXION can be equipped with two automatic steering systems which you can choose between on the basis of the task in question: the digital AUTO PILOT and the satellite-based GPS PILOT CEMIS 1200.

Precision for every task.

- The GPS PILOT steers precisely and can be controlled intuitively via CEMIS 1200.
- The AUTO PILOT helps you work precisely in maize.
- With dynamic steering you can turn quickly and easily at the end of the field.





Dynamic steering for fast turning.
You steer the LEXION with about four steering wheel turns from lock to lock. If you prefer a less demanding steering input when you have to turn at the end of the field, you can activate the dynamic steering system. This reduces by 40% the extent to which the steering wheel has to be turned to go from straight-ahead running to full lock. This functionality is conditional on a speed of less than 10 km/h.

GPS PILOT with unbeatable steering precision.
The satellite-based automatic steering system from CLAAS is permanently integrated in the machine. It supports you in all tasks which depend on high pass-to-pass accuracy. You start the GPS PILOT via the multifunction lever. It actively controls the steering hydraulics and guides you across the field precisely at all speeds, regardless of the light conditions. It works at night or in low visibility just as precisely as it does in full daylight. You receive correction signals for whichever degree of accuracy you require.

CEMIS 1200 terminal with intuitive control.
With CEMIS 1200 you have an entirely new steering terminal in the cab of your combine harvester. You can count on its support for precision GPS tracking. It also allows you to handle all the common precision farming applications. You can map your yields in real time, manage your jobs and document them directly on the machine. You will be familiar with the control logic from your CEBIS. CEBIS 1200 can be controlled just as intuitively.

- The brilliant 12" display is easy to read by day or night.
- All the relevant functions are available with direct access.
- You can adapt the working areas in line with your requirements and configure them freely.

AUTO PILOT.
Two digital sensors incorporated in one of the picking units of the maize picker guide the LEXION automatically through the rows of maize, thereby ensuring it is in the optimal position in the crop.







A connected LEXION is more productive.

Digitalisation pays.

Intelligent digitalisation matched to the requirements of your farm reduces your workload and increases your productivity. Data generated in completely different places can be collected and evaluated centrally. This conserves your resources and improves your farm operations.

To enable you to get more out of the LEXION and your other machines, CLAAS offers a range of modules which allow systems, technology and working processes to be connected with each other, regardless of the manufacturer.

Forward planning in the office.

- Use CLAAS connect to determine the harvest sequence per crop on the basis of maturation
- Prepare jobs including reference tracks and transfer them to CEMIS 1200

Optimisation on the machine.

- Create and manage all jobs directly on the machine with CEMIS 1200
- All job data are documented online as an automatic background operation
- Transmit data from different manufacturers' products into the cloud smoothly
- Use CLAAS connect and the CEMOS Advisor app to monitor the performance of the combine harvester and make full use of it
- Save valuable maintenance and service time with remote diagnostics

Detailed assessment in the office.

- Transfer and document job and harvest data quickly
- Analyse fields easily and map yields precisely
- Assess work processes intensively and identify scope for improvement

CLAAS connect. Your whole farm in an app.

Automatic documentation of machine and harvest data, connectivity functions, farm management solutions, parts, licences – with CLAAS connect you have the whole world of CLAAS in your pocket.

More operational reliability.

You can view all service and maintenance data and have a direct connection with your dealer. It takes next to no time to find the operating instructions for your LEXION and to order consumables and parts[1] straight from your dealer.

Complete machine overview.

No matter where you are, you can keep an eye on your machine's performance and see the expected completion time for the work in the field. You can optimise the settings of your LEXION with CEMOS Advisor.

Efficient job management.

Create jobs with a click in CEMIS 1200 and send them online to the field and back again.

Clear yield maps.

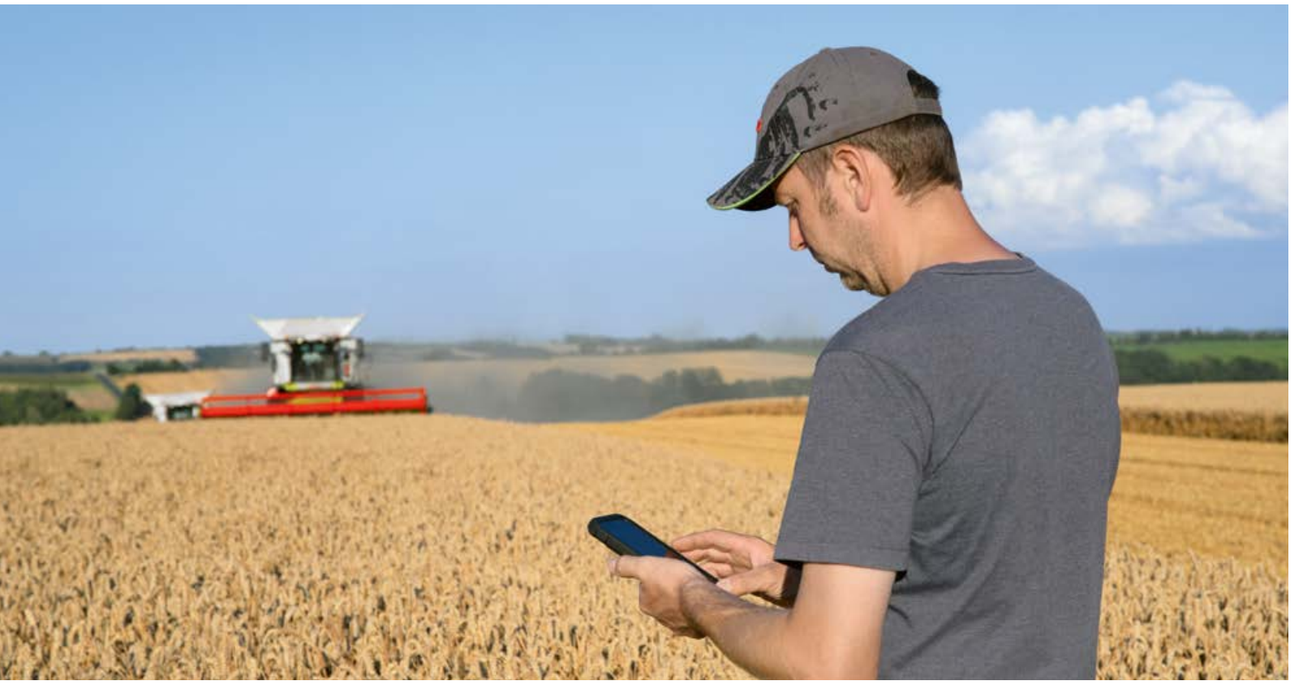
The Geocenter takes care of creating your yield maps. You can find all geodata, maps and associated machine data clearly arranged in one place.

Cross-brand fleet management.

It is easy to connect third-party machines via Data connect. The Connection Manager makes it possible to exchange and share all machine data.

Two Connect packages to make your job easier.

The Connect packages get you on the right track to manage all your farm's digital tasks. Your CLAAS sales partner and digital specialist will set you up with all the functions you need for your business.



CLAAS connect packages for combine harvesters.

Connect Package	**Documenting**	– CLAAS connect – Optional: farm licences for CLAAS connect – Machine connect
Connect Package PROFESSIONAL	**Documenting,** **Steering,** **Precision farming**	– CLAAS connect – Optional: farm licences for CLAAS connect – Machine connect – GPS PILOT CEMIS 1200 – TC Geo

Fast maintenance is crucial for your harvest.



Reduced daily maintenance requirement.

Like all its predecessors, the LEXION is also appreciated for being a model of restraint where maintenance requirements are concerned. The maintenance intervals are long: 1,000 hours for the oil in the working hydraulics. Daily maintenance tasks can be carried out quickly and effortlessly. All the key maintenance points can be accessed easily.

Reliable lubrication.

The central lubrication system supplies grease to all the lubrication service points, including the variators, as required. Lubrication points and intervals only need to be programmed once.



Optimal accessibility.

The robust engine compartment cover makes it particularly easy for you to access the grain tank and to perform any maintenance tasks required there. It is slip-resistant and designed to be walked on. Handrails and a folding step provide additional safety.

- All the maintenance points around the machine are easily accessible.
- Contact points for the mobile ladder enable safe access for maintenance and cleaning tasks.
- The side panels, steps and engine compartment are brightly lit.

Well thought-out convenience package.

The convenient maintenance package features a number of practical solutions to make daily maintenance tasks more user-friendly:

- Secure bracket for the grease gun
- Removable water tank with 15 litre capacity
- Separate drain cock for hand washing on side of tool compartment

Automatic air hose reel.

The convenient maintenance package of the new LEXION also includes an air hose reel with a 15 m compressed air hose which can be unwound and wound up easily and tidily. The reel is locked as soon as you have unwound the hose. Pulling on the hose briefly causes it to be wound up again automatically. This feature makes fast interim cleaning in the course of the day even more convenient.

More time for harvesting.

- The centrally routed drain hoses for engine oil and hydraulic oil are easily accessible.
- All the variators are connected to the central lubrication system.
- The air compressor with a reservoir enables cleaning tasks to be performed quickly, even in the field.
- The grain tank can be accessed easily via the divided engine compartment cover which is designed to be walked on.





The LEXION adapts quickly to changing requirements.



1 Threshing unit
2 Grain collection
3 Grain tank
4 Grain tank unloading
5 Secondary separation
6 Straw chopper knife
7 Radial spreader

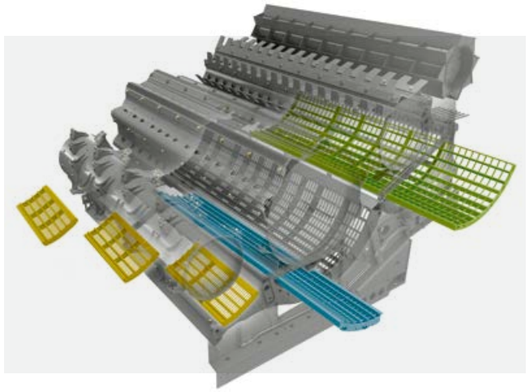
Conversion in next to no time.

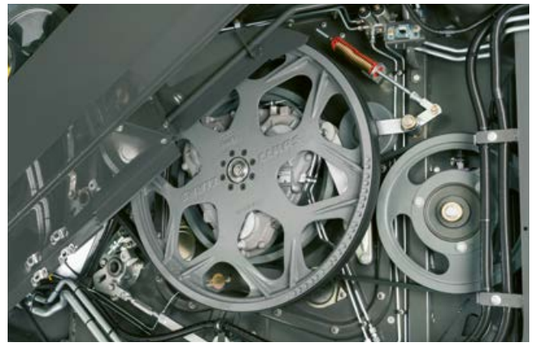
Every minute the LEXION is not standing in the yard benefits your harvest. This applies not only to daily maintenance, but also to changeover tasks and the replacement of wear parts which you only have to perform from time to time. Changing the threshing concave or adjusting the speed of the threshing drum and straw chopper are typical examples. We have designed the LEXION in such a way that all these tasks require as little effort as possible.

Replace wear parts less often.
All components subject to particularly heavy wear and tear in the crop flow are optionally available in PREMIUM LINE quality. These are the right choice when you have to harvest under extreme conditions which are particularly hard on your combine harvester.

PREMIUM LINE components are extra resistant to wear and corrosion and have a very long service life. Even with intensive annual use or when subjected to aggressive crops, these parts will not usually have to be changed until after several campaigns. This increased durability is achieved through special manufacturing processes, high-quality materials and special coatings.







Change concave segments more quickly.
When you want to change from one crop to another and prepare the LEXION for maize harvesting after the grain harvest, for example, you can look forward to short changeover times. The main components of the threshing concave remain in the machine. You can change the preconcave segments quickly through the stone trap. The threshing concave segment is simply pulled out to the side.

Speed adjustment without tools.
Depending on the crop, the threshing drum needs to run at different speeds. The threshing drum speed reduction gearbox allows you to change quickly between two speed ranges. In the low range, speeds from 170-460 rpm are available while the high range offers 330-930 rpm.

Even in the mechanical variant, the speed range can be adjusted without the need for tools. If you want to save even more time, choose the hydraulically adjustable version (optional). You can then perform the adjustment from the comfort of the cab.

Simply leave the same straw chopper knives in the machine.
Adjusting the straw management system also takes next to no time. If you choose wear-resistant PREMIUM LINE chopper knives, you benefit from components with a long service life which require replacement less frequently.

Universal chopper knives for grain and maize in PREMIUM LINE quality.
These wear-resistant chopper knives are suitable for both grain and maize harvesting. When you change crop, you can simply leave the same knives in the machine.

Every minute is precious.

- Extra wear-resistant PREMIUM LINE components require less frequent replacement.
- The preconcave segments are changed quickly through the stone trap.
- The threshing concave segment is simply pulled out to the side.
- You can adjust the threshing drum speed without tools or, with hydraulic assistance, from the cab (optional).
- When changing crop from grain to maize, the same chopper knives remain in the machine.

Parts and service?

Everything, at the right time.

We're here for you – by your side to help achieve the best possible result.

At CLAAS, keeping you operational is our top priority. With our comprehensive range of services, spare parts and consumables, we ensure that your machines always perform optimally.

Our support includes a wide range of maintenance and repair services available from your dealer, an extensive line-up of ORIGINAL parts and consumables as well as digital tools which support your planning and decision-making. Because keeping you operational is what really counts.

Fully covered with MAXI CARE service contracts.

MAXI CARE offers you all the repair and maintenance cover you need. This comprehensive range of contracts ensures that your machines are always operational so that you can concentrate fully on your main activities. CLAAS offers you a choice of four MAXI CARE service contracts tailored to the specific requirements of your business.



Ready for your harvest.



1 Comfort cab
2 CEMOS AUTOMATIC
3 Feeder housing with dust extraction
4 APS SYNFLOW HYBRID threshing unit
5 600 mm feeder drum
6 JET STREAM cleaning
7 High-performance straw walker
8 Grain elevator with QUANTIMETER
9 Grain tank with up to 13,500 l
10 Pivoting spout
11 Grain tank unloading at up to 180 l/s
12 Cover flap for grain tank unloading tube
13 DYNAMIC COOLING
14 MAN / Mercedes-Benz engines
15 SPECIAL CUT chopper
16 Chaff fan
17 Radial spreader
18 TERRA TRAC with 40 km/h top speed
19 Separate returns pan
20 3D cleaning system

Compelling advantages.



Machine of the year 2020

Agritechnica Innovation Award 2019:CEMOS AUTO CHOPPING

Agritechnica Innovation Award 2022: CEMOS AUTO HEADER

Efficiency.

- APS SYNFLOW WALKER increases throughput and straw quality.
- Large threshing and separator drums provide a straight, even and fast crop flow.
- DYNAMIC COOLING provides cooling as required
- DYNAMIC POWER for fuel savings of up to 10%.
- JET STREAM cleans your grain impeccably.
- 13,500 l unloaded in 75 s.
- 40 km/h gets you there quickly.
- CLAAS cutterbars deliver an optimal crop flow, right from the start.
- LEXION 5500 MONTANA harvests on slopes as effectively as on level ground.

Precision.

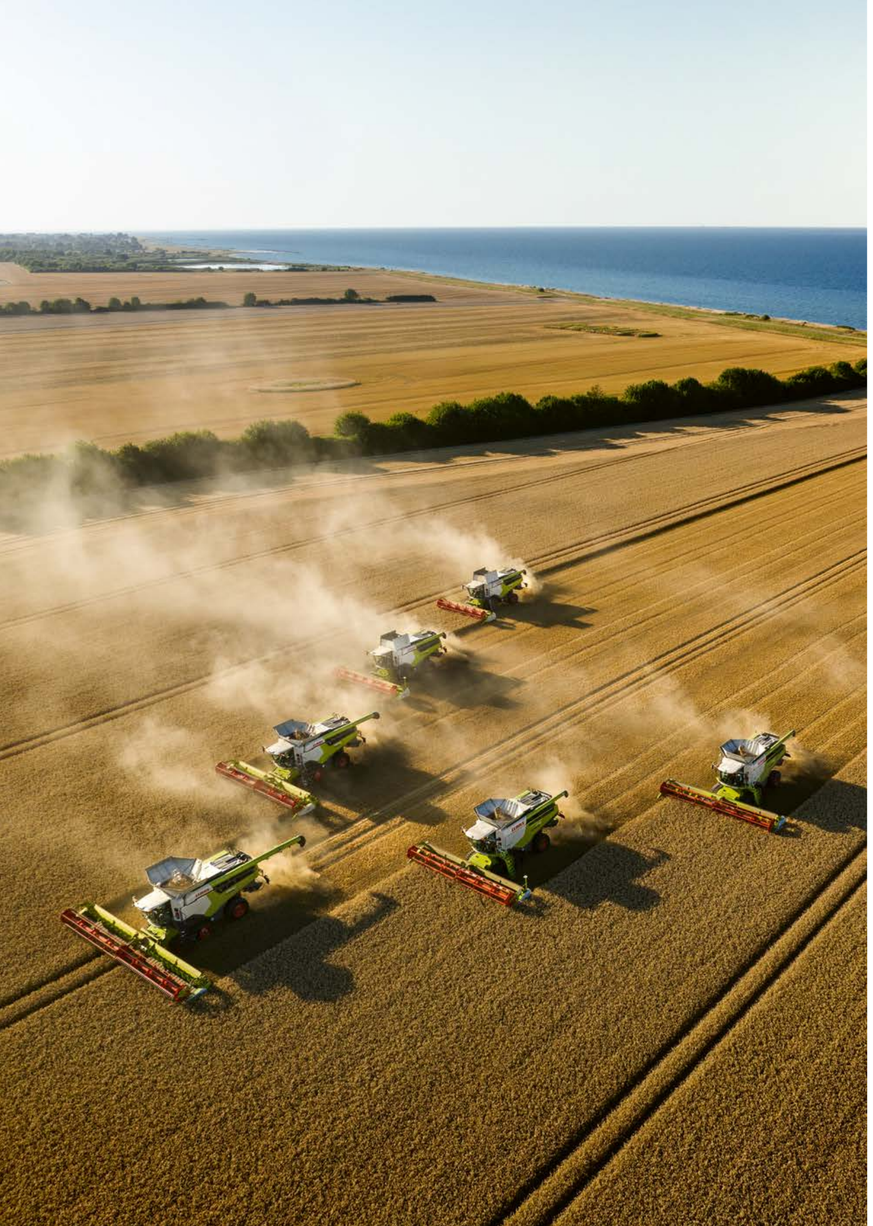
- CEMOS AUTOMATIC continuously optimises threshing unit, cleaning system and crop flow.
- CEMOS AUTO THRESHING in CEBIS adjusts the threshing drum speed, threshing concave clearance, threshing concave bar and flap.
- AUTO SLOPE reduces your workload on slopes.
- GPS steering keeps the number of passes to a minimum.
- CEMOS AUTO CHOPPING optimises the chopped material quality and reduces fuel consumption.
- CEMOS AUTO HEADER optimises the crop flow right from the cutterbar.
- CEMIS 1200 provides precise steering and precise documentation.
- Automatic documentation of your work and yield data with CLAAS connect
- Comparison and optimisation of machines in the field with CLAAS connect.

Comfort.

- The comfort cab with its air conditioning system provides plenty of headroom and legroom.
- The CEBIS touchscreen is as easy to use as your smartphone.
- Operation of the CMOTION multifunction lever is intuitive.
- The direct adjustment function in the armrest allows you to access the most important functions.
- You can react quickly to crop type changes.
- The 105° pivot angle improves the view of the grain tank unloading tube.
- LED lighting packages turn night into day.
- The pivoting spout on the grain tank unloading tube directs the stream precisely.

Reliability.

- The revised drive system impresses with its high efficiency.
- The main drive engages gently via the dry clutch.
- The central lubrication system supplies all lubrication points, including the variators.
- PREMIUM LINE components are extra resistant to wear and have a very long service life.
- Flexible MAXI CARE service products increase operational reliability.
- Remote Service simplifies maintenance and service support.
- All the maintenance points around the machine are easily accessible.



LEXION LEXION TERRA TRAC (TT) LEXION MONTANA		6900 / 6900 TT	6800 / 6800 TT	6700 / 6700 TT	6600	5500 TT / 5500 MON- TANA	5400	5300
Threshing unit and primary separation								
APS SYNFLOW WALKER		●	●	●	●	●	●	●
Threshing drum width	mm	1700	1700	1700	1700	1420	1420	1420
Threshing drum diameter	mm	755	755	755	755	755	755	755
Threshing drum speed	rpm	330-930	330-930	330-930	330-930	330-930	330-930	330-930
With reduction gear	rpm	170-460 / 330-930	170-460 / 330-930	170-460 / 330-930	170-460 / 330-930	170-460 / 330-930	170-460 / 330-930	170-460 / 330-930
Threshing concave wrap angle	degrees	132	132	132	132	132	132	132
Main concave area	m^2	1.55	1.55	1.55	1.55	1.30	1.30	1.30
Rice threshing unit		–	–	–	–	○	–	–
Secondary separation								
Separator drum diameter	mm	600	600	600	600	600	600	600
Separator concave area	m^2	1.16	1.16	1.16	1.16	0.97	0.97	0.97
Contact angle separator drum	degrees	116	116	116	116	116	116	116
Straw walker	No.	6	6	6	6	5	5	5
Straw walker length	mm	3800	3800	3800	3800	3800	3800	3800
Total secondary separation area	m^2	7.62	7.62	7.62	7.62	6.37	6.37	6.37
Cleaning								
JET STREAM		●	●	●	●	●	●	●
Turbine fan		8-way	8-way	8-way	8-way	6-way	6-way	6-way
Fan adjustment, hydraulic		●	●	●	●	●	●	●
Dual ventilated step		●	●	●	●	●	●	●
3D cleaning system		○	○	○	○	○	○	○
Total sieve area	m^2	6.20	6.20	6.20	6.20	5.10	5.10	5.10
Returns display in CEBIS		○	○	○	○	○	○	○
GRAINMETER		○	○	○	○	○	○	○
Grain tank								
Capacity (as per ANSI/ASAE S312.2)	l	12500 / 13500	11000 / 12500	10000 / 11000	10000 / 11000	10000 / 11000	10000 / 11000	10000 / 11000
Unloading auger swivel angle	degrees	105	105	105	105	105	105	105
Pivoting unloading spout		○	○	○	○	○	○	○
Unloading rate	l/s	130/180	110/130	110/130	110 /130	110/130	110	110
QUANTIMETER yield meter		○	○	○	○	○	○	○
Chopper								
SPECIAL CUT straw chopper, knives	No.	88	88	88	88	72	72	72
STANDARD CUT straw chopper, knives	No.	64	64	64	64	52	52	52
Radial spreader		○	○	○	○	○	○	○
Hydraulic positioning from the cab (road, swath, chop)		○	○	○	○	○	○	○
Hydraulic adjustment of static knife and friction concave plate		○	○	○	○	○	○	○
Chaff spreader		○	○	○	○	○	○	○
Chaff fan with radial spreader		○	○	○	○	○	○	○
Automatic discharge direction adjustment		○	○	○	○	○	○	○

● Standard ○ Option □ Available – Not available

LEXION LEXION TERRA TRAC (TT) LEXION MONTANA		6900 / 6900 TT	6800 / 6800 TT	6700 / 6700 TT	6600	5500 TT / 5500 MON- TANA	5400	5300
Chassis								
TERRA TRAC crawler tracks with hydropneumatic suspension		○	○	○	–	●	–	–
POWER TRAC 4-wheel drive		○	○	○	○	○	○	○
2-speed manual gearbox		●	●	●	●	●	●	●
40 km/h		○	○	○	○	○	○	–
Differential lock for wheeled machine		○	○	○	○	–	○	○
Car-like driving characteristics		●	●	●	●	●	●	●
Engine Stage V								
Manufacturer / Type		MAN D26	MAN D26	Cummins / L9	Cummins / L9	Cummins / L9	Cummins / L9	Cummins / L9
Cylinders / displacement	No./l	6/12.4	6/12.4	6/8.9	6/8.9	6/8.9	6/8.9	6/8.9
Maximum output (ECE R 120)	kW/hp	373/507	343/466	300/408	260/354	300/408	260/354	230/313
Fuel consumption measurement		○	○	○	○	○	○	○
Fuel tank capacity	l	950	950	950	950	950	950	950
Urea tank capacity	l	110	110	110	110	110	110	110
DYNAMIC COOLING		●	●	●	●	●	●	●
DYNAMIC POWER		●	●	●	●	●	●	●
Data management								
Machine connect – 5-year licence		●	●	●	●	●	●	●
Job management		○	○	○	○	○	○	○
Yield mapping		○	○	○	○	○	○	○
Operator assistance systems								
CRUISE PILOT		○	○	○	○	○	○	○
CEMOS AUTO THRESHING		○	○	○	○	○	○	○
CEMOS AUTO CLEANING		○	○	○	○	○	○	○
CEMOS AUTO CHOPPING		○	○	○	○	○	○	○
CEMOS AUTO HEADER		○	○	○	○	○	○	○
AUTO SLOPE		○	○	○	○	○	○	○
AUTO CROP FLOW		○	○	○	○	○	○	○
CEMOS DIALOG		○	○	○	○	○	○	○
GRAIN QUALITY CAMERA		○	○	○	○	○	○	○
Steering systems								
GPS PILOT CEMIS 1200, AUTO PILOT		○	○	○	○	○	○	○
Weights (can vary depending on equipment) without front attachment, straw chopper and chaff spreader, full fuel tank, full urea tank	kg	17850 / 20250 TT	17350 / 19850 TT	17250 / 19750 TT	16850	18750 TT / 16650 MONTANA	15850	15850

CLAAS continually develops its products to meet customer requirements. This means that 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 refer to 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 any risk of danger, never remove these protective panels yourself. In this respect, please refer to the relevant instructions in the operator's manual. 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.

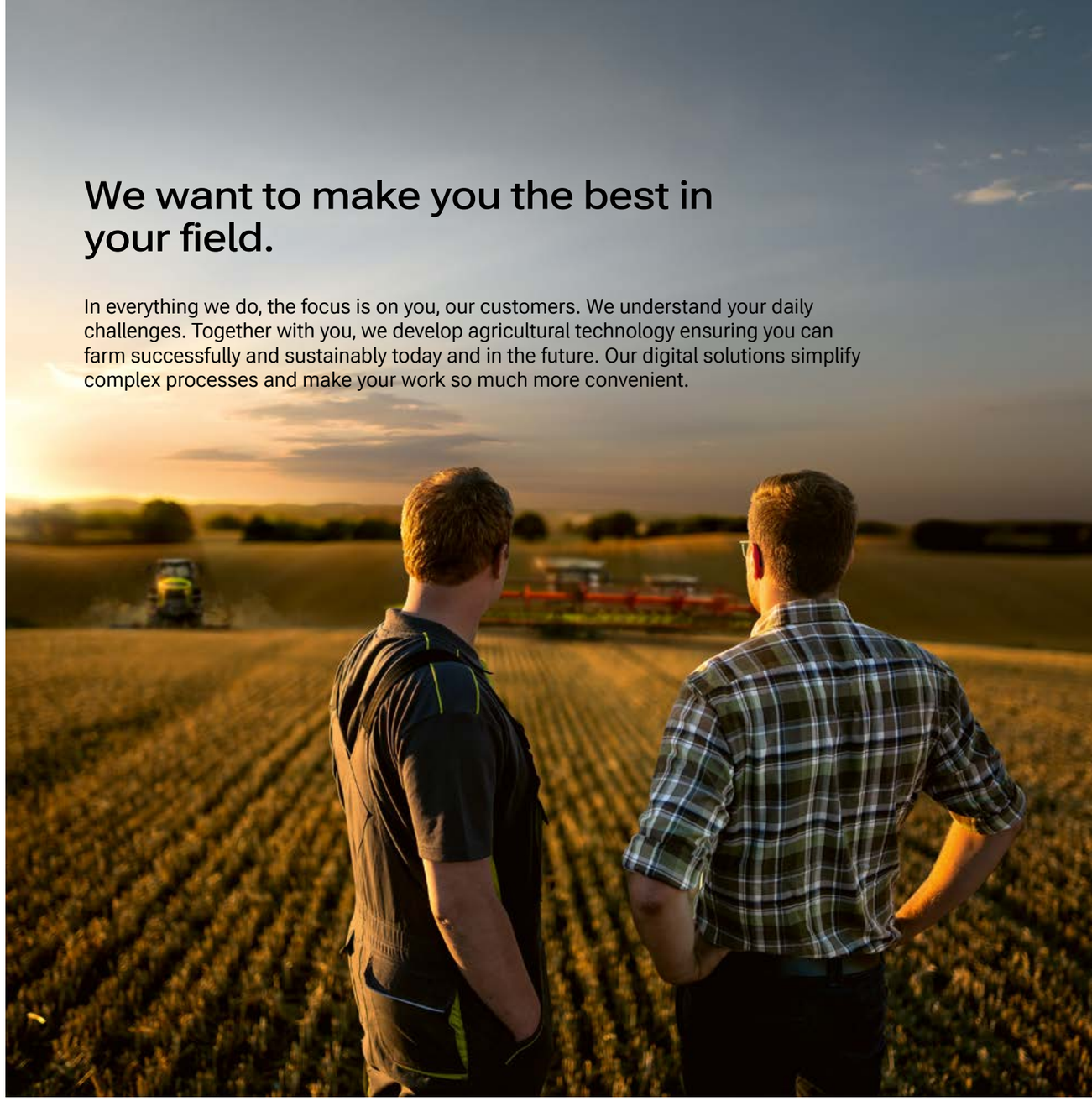
● Standard ○ Option □ Available – Not available

LEXION LEXION TERRA TRAC (TT) LEXION MONTANA			6900 / 6900 TT	6800 / 6800 TT	6700 / 6700 TT	6600	5500a TT / 5500 MONTANA	5400	5300
Drive axle tyre size		ø cat.	External width						
1250/50 R 32	m	2.05	4.93	4.93	4.93	4.93	–	–	–
900/60 R 42 CHO	m	2.15	3.90	3.90	–	–	–	–	–
800/70 R 42 CHO	m	2.15	3.76	3.76	–	–	–	–	–
680/80 R 42 CHO	m	2.15	3.49	3.49	–	–	–	–	–
VF 900/60 R 38 CHO	m	2.05	3.90	3.90	3.90	3.90	–	3.62	3.62
900/60 R 38 CHO	m	2.05	3.90	3.90	3.90	3.90	–	3.62	3.62
IF 800/70 R38 CFO	m	2.05	3.76	3.76	3.76	3.76	–	3.48	3.49
800/70 R 38 CHO	m	2.05	3.76	3.76	3.76	3.76	–	3.49	3.49
680/80 R 38 CHO	m	2.05	3.49	3.49	3.49	3.49	–	3.22	3.22
900/60 R 32	m	1.95	–	3.90	3.90	3.90	3.62[1]	3.62	3.62
IF 800/70 R 32 CFO	m	1.95	–	3.76	3.76	3.76	–	3.48	3.48
800/70 R 32	m	1.95	–	3.76	3.76	3.76	3.48[1]	3.48	3.48
710/75 R 34	m	1.95	–	3.65	3.65	3.65	3.37[1]	3.37	3.37
IF 680/85 R 32 CFO	m	1.95	–	3.49	3.49	3.49	–	3.22	3.22
680/85 R32	m	1.95	–	3.49	3.49	3.49	3.22[1]	3.22	3.22
TERRA TRAC 635 mm	m	–	3.49	3.49	3.49	–	3.29	–	–
TERRA TRAC 735 mm	m	–	3.79	3.79	3.79	–	3.49	–	–
TERRA TRAC 890 mm	m	–	3.99	3.99	3.99	–	3.79	–	–
Steering axle tyre size		ø cat.	External width						
750/65 R 26	m	1.60	3.96	3.96	–	–	–	–	–
710/60 R 30	m	1.65	3.89	3.89	–	–	–	–	–
VF 620/70 R 30	m	1.65	3.69	3.69	–	–	–	–	–
620/70 R 30	m	1.65	3.70	3.70	–	–	–	–	–
VF 520/85 R 30	m	1.65	3.49	3.49	–	–	–	–	–
500/85 R 30	m	1.65	3.48	3.48	–	–	–	–	–
VF620/70 R 26	m	1.50	3.69	3.69	3.69	3.69	3.49	3.49	3.49
600/65 R 28	m	1.50	3.70	3.70	3.69	3.69	3.49	3.49	3.49
500/85 R 24	m	1.50	3.48	3.48	3.48	3.48	3.28	3.28	3.28

LEXION LEXION TERRA TRAC (TT) LEXION MONTANA		6900 / 6900 TT	6800 / 6800 TT	6700 / 6700 TT	6600	5500 TT / 5500 MONTANA	5400	5300
Front attachments								
VARIO cutterbars		VARIO 1230[2], VARIO 1080, VARIO 930, VARIO 770, VARIO 680, VARIO 620, VARIO 560, VARIO 500						
CERIO cutterbars		CERIO 930, CERIO 770, CERIO 680, CERIO 620, CERIO 560						
Rapeseed equipment		For all CONVIO / CONVIO FLEX and VARIO cutterbars						
Folding cutterbars		C 540, C 450						
ROVIO maize pickers	rows	12, 8, 6						
SUNSPEED		SUNSPEED 1200, SUNSPEED 940, SUNSPEED 750						
MAFLEX		MAXFLEX 930, MAXFLEX 770, MAXFLEX 620, MAXFLEX 560						
CONVIO FLEX		CONVIO FLEX 1230[2], CONVIO FLEX 1080, CONVIO FLEX 930, CONVIO FLEX 770						
CONVIO		CONVIO 1230[2], CONVIO 1080, CONVIO 930, CONVIO 770						
SWATH UP		SWATH UP 450						
Front attachment variable speed drive (electrohydraulic)	rpm	284-420						
Front attachment step drive	rpm	332, 420						
Instant cutterbar brake		○						

[1] Only for MONTANA 5500
[2] Only for LEXION with TERRA TRAC

● Standard ○ Option □ Available – Not available



We want to make you the best in your field.

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