Forage harvesters

JAGUAR

1200 | 1100 | 1090 | 1080

CLAAS

Inspired by the best.

We listen to you.

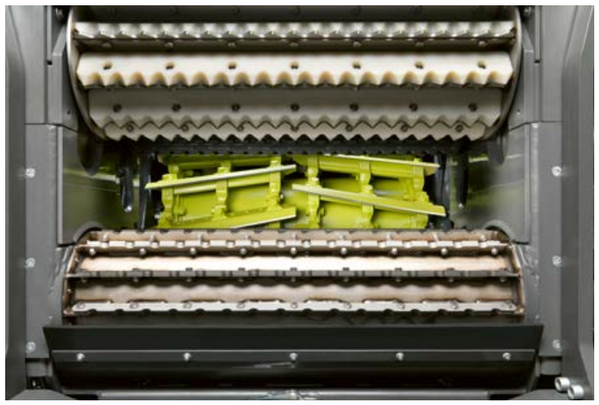
20% more throughput.*

Throughput is not just a question of engine power. All the components – from feeder unit to discharge spout – are designed to optimise the throughput and are perfectly coordinated to work together.

With the widest feeder unit in the market, a chopping cylinder width of 910 mm and engines developing up to 1,110 hp, the four JAGUAR models – 1200, 1100, 1090 and 1080 – are able to attain tremendous throughput rates. Think of the high output of the JAGUAR 990 and add another 20% to it.

* Compared to the JAGUAR 990 under similar conditions

▲ High-performance front attachments like the new PICK UP, which provides an unrestricted feed with no overload protection, increase your harvest performance significantly. **Page 16**



▲ The coordinated crop flow system – which is the widest in the market at up to 910 mm – can deliver 20% more throughput in all length-of-cut ranges. **Page 22**

▲ The wider front attachments, such as the 14-row ORBIS 10500, maximise conversion of the engine output into throughput. **Page 14**

▲ With its large cross-section, the discharge spout is designed to deliver high throughput reliably. **Page 28**

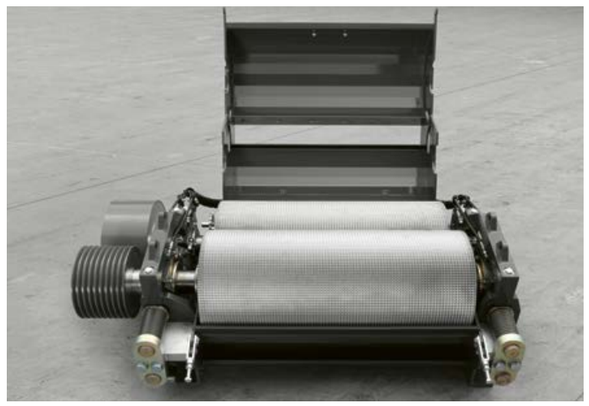
Our best chop quality ever.

With fully hydraulic pre-compression, a 910 mm wide V-FLEX chopping cylinder and, at 310 mm, the largest corncracker roller diameter in the market, the JAGUAR 1000 delivers perfect chop quality.

The ability to adjust the speed of the front attachments and the feeder unit independently and continuously makes for an optimum crop flow. The standard-fit PREMIUM LINE parts provide effective protection against wear.

▲ The fully hydraulic pre-compression enables high throughput in all crops and lengths of cut while maintaining uniform chop quality. **Page 20**

▲ The 910 mm wide V-FLEX chopping cylinder cuts cleanly and precisely. Flexible configuration options allow the cylinder to meet extremely varied requirements. **Page 22**



▲ The MULTI CROP CRACKER XL uses a 310 mm roller diameter and impresses with its ability to deliver sustained high throughput with an excellent processing score. **Page 24**

▲ High-quality silage for more milk, animal well-being and biomass energy. CLAAS connect enables direct quality analysis of kernel processing (CSPS). **Page 46**

Our best fuel efficiency ever.

Fuel efficiency means that absolutely all components and systems work together smoothly and all resources and the available hp are used to optimum effect.

The JAGUAR 1000 implements this principle to perfection: with an even and wide crop flow, a precise, clean cutting action and a direct drive layout with a transverse diesel engine. Operator assistance systems help you harvest continuously at high capacity. You benefit from a machine which delivers higher harvesting performance with maximum efficiency.

▲ The transverse engine transmits the huge output of up to 1,110 hp directly and efficiently. The output is ideally matched to the wide crop flow and the front attachments. **Page 34**

▲ Keeps cool up to 50°C. DYNAMIC COOLING applies only as much cooling as the JAGUAR needs at any time. An extractor system cleans the radiator screen continuously during field work and road travel. **Page 35**

▲ CEMOS maintains the engine speed set by the operator and adjusts the engine output and ground speed in accordance with the volume harvested. CEMOS AUTO CROP FLOW provides overload protection. **Page 42**

▲ A wider working width means significantly fewer passes and therefore more effective harvest performance. CLAAS connect links your harvesting chain so that you can make even better use of your resources. **Page 46**

Our quietest cab ever.

The JAGUAR 1000 series attains a new level of comfort and convenience with its all-new cab design offering a pleasant sense of space and an impressively low noise level, as well as a control system with outstanding ergonomics. Assistance systems, such as AUTO FILL, CEMOS AUTO PERFORMANCE or GPS PILOT CEMIS 1200 enable stress-free working and allow sustained, efficient operation all day long.

Because the more pleasant the workplace, the greater the effectiveness of the JAGUAR operator. Manoeuvring the machine with the joystick steering system is effortless and the operator can concentrate fully on their work.

▲ High comfort, low noise level, excellent all-round visibility: the spacious cab mounted on silent blocks provides a pleasantly stress-free working environment, even during long days in the field. **Page 38**

▲ A large windscreen and side windows give you an excellent view of the entire work area. **Page 40**

▲ Manoeuvring has never been more straightforward or effortless: the steering joystick and freely programmable function buttons are situated on the left-hand armrest. **Page 40**

▲ CLAAS connect lets you pre-plan jobs in the office before transmitting them to the machine. The operator can also plan jobs aboard the JAGUAR before working through them. **Page 46**

Our most capable JAGUAR ever.

Inspired by the best – this is the principle which our engineers followed as they drew on their many years of experience and feedback from our customers in the course of developing the JAGUAR 1000.

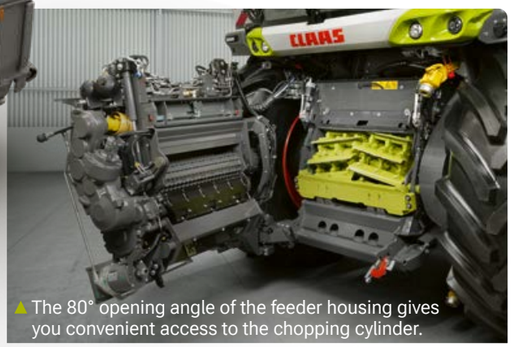
With wider front attachments, a wider crop flow channel and an ideally matched engine output of 1,110 hp, you are able to achieve up to 20% higher throughput. The feeder unit with fully hydraulic pre-compression enables an even crop flow in all harvesting conditions. The V-FLEX chopping cylinder and the corncracker deliver perfect chop and forage quality. All these elements work together to enable the best possible harvest.

"In developing the new JAGUAR 1000 forage harvester, CLAAS focused 100% on customer requirements. Our project team put everything they had into meeting them!"

Stefan Look, JAGUAR product manager

1. Wide front attachments with two independently variable drives for an optimum crop flow
2. Wide feeder unit with fully hydraulic pre-compression for greater throughput
3. 910 mm wide V-FLEX chopping cylinder for precise chop quality
4. MULTI CROP CRACKER XL with a 310 mm roller diameter and a very large contact area for optimum kernel processing
5. Flexible crop acceleration with adjustable engagement for maximum efficiency
6. Wide discharge spout which can be adapted easily to different front attachment widths
7. Strong chassis with robust axles and large tyres up to 2.15 m
8. Chassis designed for high traction with tyre pressure control system, 4-wheel-drive system with front and rear differential locks (rear lock exclusive to CLAAS)
9. NUTRIMETER for crop analysis and adjustment of length of cut and silage additive dosage
10. CLAAS connect brings together many digital functions from harvest planning, quality control and evaluation to machine optimisation and harvest chain management

Spacious comfort cab.
Comfortable and quiet, the JAGUAR cab featuring joystick steering, improved visibility and an ergonomic seating position supports you with numerous operator assistance and steering systems. The control system is intuitive, and with CLAAS connect you are ideally equipped to make use of data transfer functions.

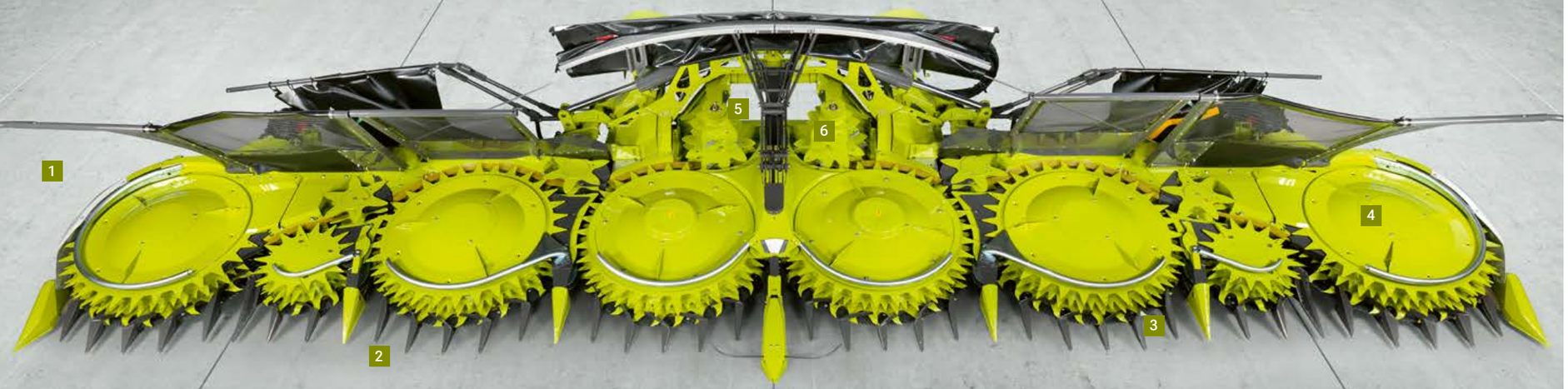


▲ The 80° opening angle of the feeder housing gives you convenient access to the chopping cylinder.

▲ MAN V12 diesel engine with up to 1,110 hp.

▲ The robust driven steering axle with a differential lock (exclusive to CLAAS) ensures high traction.

ORBIS 10500, 9000.
Working width means efficiency.



1. High reliability through press-hardened, dimensionally stable substructure and PREMIUM LINE parts
2. Individually removable guide fingers enable adjustment to prevailing harvesting conditions
3. Cutting discs with high cutting frequency provide clean cutting performance under all harvesting conditions
4. Hardox transport discs combine a long service life with reduced weight
5. High throughput is enabled by a wide crop flow transfer section with a self-supporting intake
6. Coordinated transfer to the feeder unit by means of intake drums with hydraulic, variable speed adjustment

Start wider, finish sooner.

The ORBIS series with working widths of 10.50 m and 9.00 m is matched perfectly to the high engine output and crop throughput of the JAGUAR 1000. With its wide transfer section, the maize front attachment feeds the crop evenly to the crop flow channel with a width of up to 910 mm. As a result, you always attain maximum throughput and precise chop quality.

Even under difficult conditions, when harvesting lodged maize, for example, the ORBIS ensures efficient plant intake. This is enabled by the open design of the side panels and the scope for flexible configuration. The transport discs in the feed channels of the maize front attachment feed the plants reliably into the feeder unit.

A greater working width means fewer turning manoeuvres at the headland. The installed engine power is optimally converted into throughput.

Convenient on the road.
The ORBIS 10500 can be folded from a working width of 10.50 m to a transport width of 3.30 m and the ORBIS 9000 from 9.00 m to 3.00 m. You do not even need to get out of the cab: a touch of a button is all it takes to fold the ORBIS and the transport protection into the working or transport position. The integrated transport chassis provides support to optimise weight distribution during road travel. There is no need to add the usual rear ballasting. As a result, you can drive from one job to another at up to 40 km/h, comfortably, conveniently and in compliance with the statutory road traffic regulations.

▼ Even crop transfer. As the ORBIS has two independent drives, you can vary the speed of the transport discs separately from that of the intake drums in the transfer section. This means that, whatever the length of cut, the crop is transferred evenly to the pre-compression rollers.

Precise in the field.
AUTO CONTOUR enables excellent ground adaptation. Three sensors detect ground irregularities and adjust the programmed working height accordingly. The ORBIS 10500 is additionally equipped with actively controlled stabiliser wheels which ensure fast, smooth adaptation. The ideal working height is maintained constantly, regardless of the topography and the ground speed. In addition, CEMOS AUTO HEADER automatically coordinates the speeds of the front attachment elements on the basis of a number of parameters, thereby optimising the crop flow and increasing performance.

▼ AUTO CONTOUR and the active stabiliser wheels guide the maize header smoothly and precisely over the ground.

PICK UP: performance to match JAGUAR power.

The PICK UP 4500, 3800 and 3000 units have been specially developed for the JAGUAR 1000 to make efficient use of the full engine output during stalk crop harvesting. These units dispense with chain drives completely. Even the tine bars are driven by a low-wear cam track mechanism. The result is a new dimension of throughput in this harvesting domain.

Constant hydraulic pre-compression applied to the harvested material by the intake auger creates an even crop flow to the feeder unit. The speeds of the pick-up reel and the intake auger are automatically varied independently of each other on the basis of the length-of-cut setting and the ground speed.

Optimum ground adaptation.
ACTIVE CONTOUR and a flexibly mounted pick-up reel enable efficient forage collection in difficult conditions, such as uneven or hilly terrain.

In addition, CEMOS AUTO HEADER automatically adjusts the speed of the front attachment on the basis of several parameters, thereby improving the crop flow and increasing overall performance.

Reliable drive train built to handle up to 1,110 hp.

▶ The robust drive train is perfectly matched to the power of the JAGUAR. All the transmission units are designed for low maintenance and ensure reliably high throughput.

▼ Hydraulic auger pre-compression acts on the crop like a fifth pre-compression roller, optimising flow and throughput.

▼ Convenient maintenance.
Removing a tine bar simply involves undoing a single bolt. The tine scrapers are secured by a click-lock system.

◀ A perfect match for the JAGUAR 1000:
- Hydraulically powered pre-compression by auger for very high throughput
- Low-wear cam track mechanism instead of chain drive
- Wear parts in PREMIUM LINE quality

▶ Driven reliably by a low-wear cam track mechanism, the five tine bars provide high-throughput crop collection.

High performance – and then some.

With a crop flow 20% wider than that of the JAGUAR 900, the JAGUAR 1000 series offers you the widest crop flow currently available.

All the key components, such as front attachments, feed rollers, chopping cylinder, corncracker, accelerator and discharge spout have been enlarged. As a result, you benefit from high efficiency and reliability for all lengths of cut and for all crops.

Our principal development objective was to produce a forage harvester whose engine output was perfectly matched to the wider crop flow and the entire length-of-cut range. Only this ensures that you can count on sustained high throughput.

▼ Trailer changeover on the move: you simply continue harvesting and make full use of the throughput capacity.

20%
more throughput*

*JAGUAR 1200 compared to the JAGUAR 990 under similar conditions

Cutting width of 910 mm: currently the widest chopping cylinder in the market.

Two front attachment drive systems.
One variable-speed drive is connected via the quick release coupler. A second, hydraulic drive with independent speed adjustment drives the PICK UP reel or the intake drums of the ORBIS. The forage is collected efficiently and evenly and transferred to the pre-compression rollers.

Feeder unit with pre-compression function.
The fully hydraulic pre-compression contributes to the high throughput capacity. QUICK ACCESS makes the chopping cylinder easily accessible.

910 mm wide V-FLEX chopping cylinder.
The cylinder offers you flexible configuration options and always allows you to achieve excellent, uniform chop quality. The maintenance overhead is low, as the knives do not require readjustment.

MULTI CROP CRACKER XL with a 310 mm roller diameter.
The large roller diameter provides a very large contact area which enables optimum kernel processing, even at the highest throughput rates.

Flexible acceleration.
The discharge rate of the JAGUAR is adjustable as required. You can modify the accelerator clearance of up to 60 mm via the machine silhouette in CEBIS or leave the adjustment up to the machine.

Forage quality begins with the feeder.

The throughput capacity of the JAGUAR 1000 is enormous. In order to enable more precise cutting and consistently good chop quality, the harvested material fed from the front attachment to the feeder unit is compressed by means of a fully hydraulic pre-compression system. This comprises four overhead hydraulic rams which press the two feed rollers against the harvested material. The pressure exerted remains constant at all times, regardless of the thickness of the crop flow.

COMFORT CUT. The pre-compression rollers have a hydrostatic drive. The required length of cut is set conveniently from the cab by the operator or is adjusted automatically via the CLAAS NUTRIMETER near-infrared sensor.

Protected crop flow.
Areas of the JAGUAR 1000 subject to high wear are equipped as standard with PREMIUM LINE parts. Specially coated and highly wear-resistant, these parts have an extremely long service life which extends their operating hours to a significant degree.

Easy attachment.
The pivoting frame on the robust feeder housing accepts all the front attachments available for the JAGUAR 1000. With user-friendly coupling pins, a central locking system and quick-release couplers and multicouplers for power transmission, the front attachment is connected reliably to the JAGUAR.

▲ The JAGUAR detects the front attachments automatically.

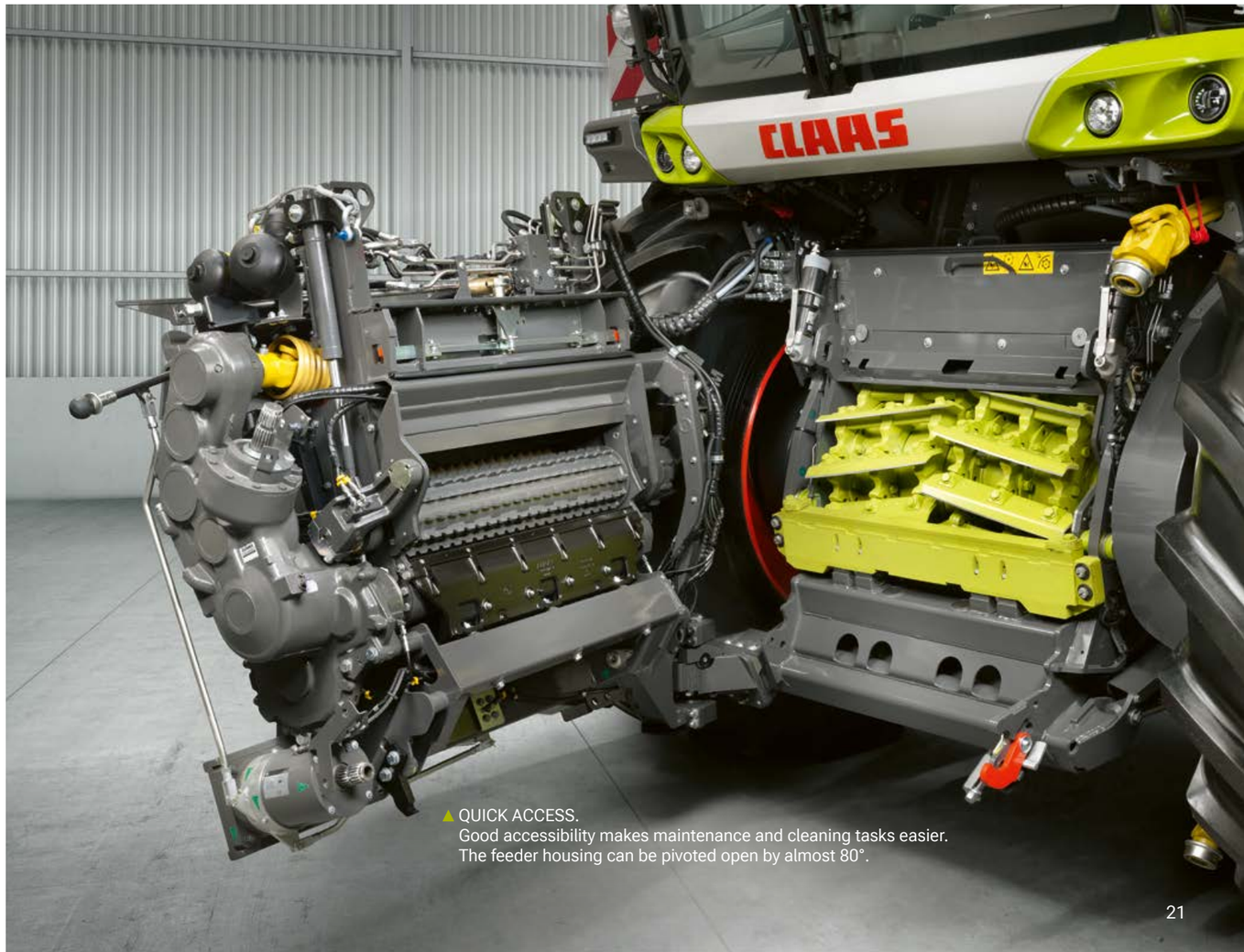
▲ Multicouplers simplify the connection process.

▲ The tilting frame provides controlled active (hydraulic) or passive (float position) lateral compensation to adapt the front attachments optimally to the ground contour.

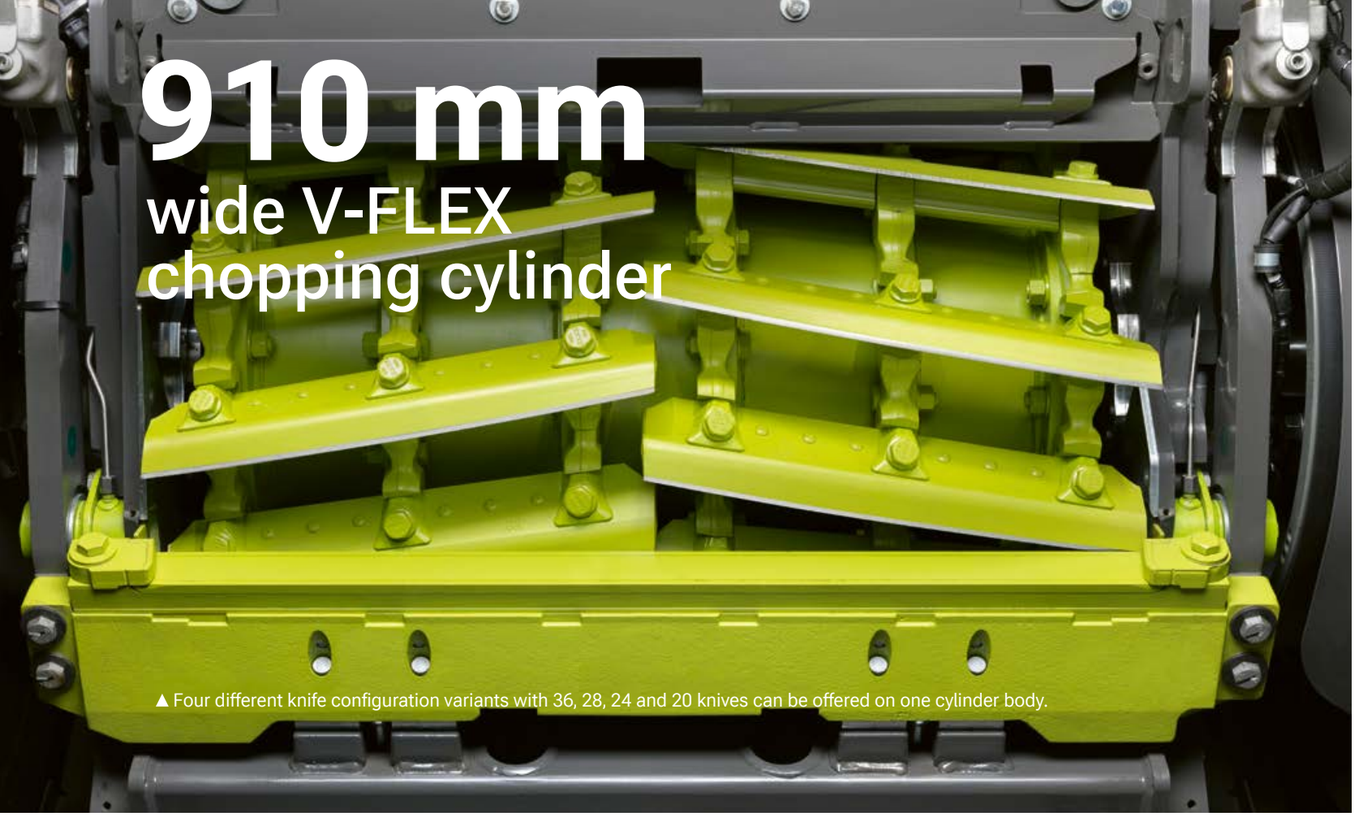
Additional protection.
CEMOS AUTO CROP FLOW stops the crop feed as soon as the engine speed drops below a pre-programmed level. A metal detector, which is fitted as standard, and the STOP ROCK stone detector for extremely hard objects (optional) provide reliable protection against foreign objects.

▲ You can raise the pre-compression rollers hydraulically for maintenance.

The fully hydraulic pre-compression enables an optimum crop flow, more throughput and precise cutting.



▲ QUICK ACCESS.
Good accessibility makes maintenance and cleaning tasks easier.
The feeder housing can be pivoted open by almost 80°.



910 mm
wide V-FLEX chopping cylinder

▲ Four different knife configuration variants with 36, 28, 24 and 20 knives can be offered on one cylinder body.

Nothing chops wider.

Robust and substantial, the V-FLEX chopping cylinder impresses with a very smooth and, above all, even crop flow. With a width of 910 mm, it is matched perfectly to the engine output of up to 1,110 hp. This ideal combination brings out the JAGUAR's strengths: excellent chop quality, efficiency, flexibility and convenience.

Sharp performer.
The V-FLEX chopping cylinder impresses with its precise and uniform chop quality. The steep 10° knife angle cuts the crop efficiently. Using half-section knives to double the length of cut, for SHREDLAGE®, for example, also delivers outstanding chop quality.

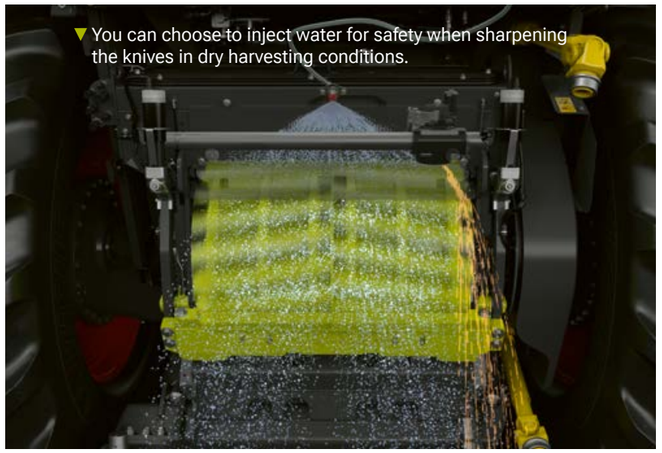
Exceptionally durable and flexible.
With their 23 mm wide wear coating, the V-FLEX knives are designed for a long service life. Easily accessible from above, each one is attached solidly by three bolts, but can be fitted or removed quickly so that the V-FLEX can be adapted flexibly and easily for different harvest scenarios.

▲ Full set of knives for short to medium lengths of cut.

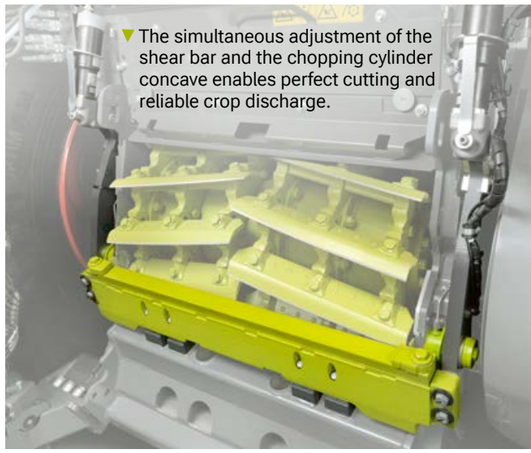
▲ Half set of knives for double the length of cut when operating without a corncracker.

▲ One third set of knives (with V-36 only) for very long lengths of cut with symmetrical crop discharge.

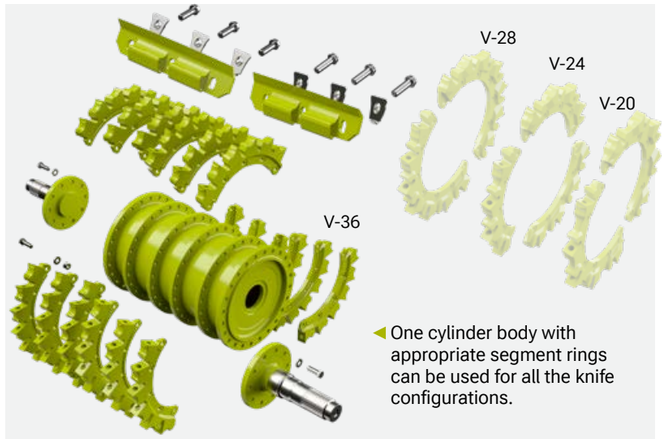
▲ Configuration with half-section knives for double the length of cut and very smooth, uniform crop discharge.



▼ You can choose to inject water for safety when sharpening the knives in dry harvesting conditions.



▼ The simultaneous adjustment of the shear bar and the chopping cylinder concave enables perfect cutting and reliable crop discharge.



◀ One cylinder body with appropriate segment rings can be used for all the knife configurations.

Convenient combination.
When required, you can trigger sharpening of the knives and adjustment of the shear bar and chopping cylinder concave conveniently at the touch of a button in CEBIS. One process is activated automatically immediately after the other. It takes only a minute for the combination of five sharpening cycles and precise shear bar adjustment with the concave to be completed. The required process time is shown to the operator beforehand.

◀ V-FLEX knives are available as universal and maize knives. The paddle is integrated.

◀ You can order V-FLEX half-section knives as universal and maize knives from CLAAS Service & Parts.

V-FLEX	rpm	1/1	1/2	1/3	1 mm	5 mm	10 mm	15 mm	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm
V-20	12000	20 (2x10)	–	–		5 - 26,5									
	6000	–	10 (2x5)	–			10 - 53								
V-24	14400	24 (2x12)	–	–		4 - 22									
	7200	–	12 (2x6)	–			8 - 44								
V-28	16800	28 (2x14)	–	–		4 - 18,5									
	8400	–	14 (2x7)	–			8 - 37								
V-36	21600	36 (2x18)	–	–		3,5 - 14,5									
	10800	–	18 (2x9)	–			7 - 29								
	7200	–	–	12 (2x6)			10,5 - 43,5								

Large rollers get more done.

Greater throughput, a greater contact area, better processing. The MULTI CROP CRACKER XL works with a roller diameter of 310 mm and a crop flow width of 752 mm. The large contact area between the rollers enables an outstanding processing score (CSPS) with sustained high throughput for any length of cut.

The gap setting and the speed difference between the corncracker rollers determine the intensity of processing applied to the chopped material. The smaller the gap, the more intensively the crop is processed. Setting the gap is performed conveniently from the cab.

Maximum flexibility.
The MCC SHREDLAGE® is used in the long chop length from 26 to 30 mm.

The MCC CLASSIC can be used successfully when harvesting short maize for biogas plants or producing silage for dairy cattle and finishing beef bulls. Its rollers are available with coarse, medium or fine teeth for different applications.

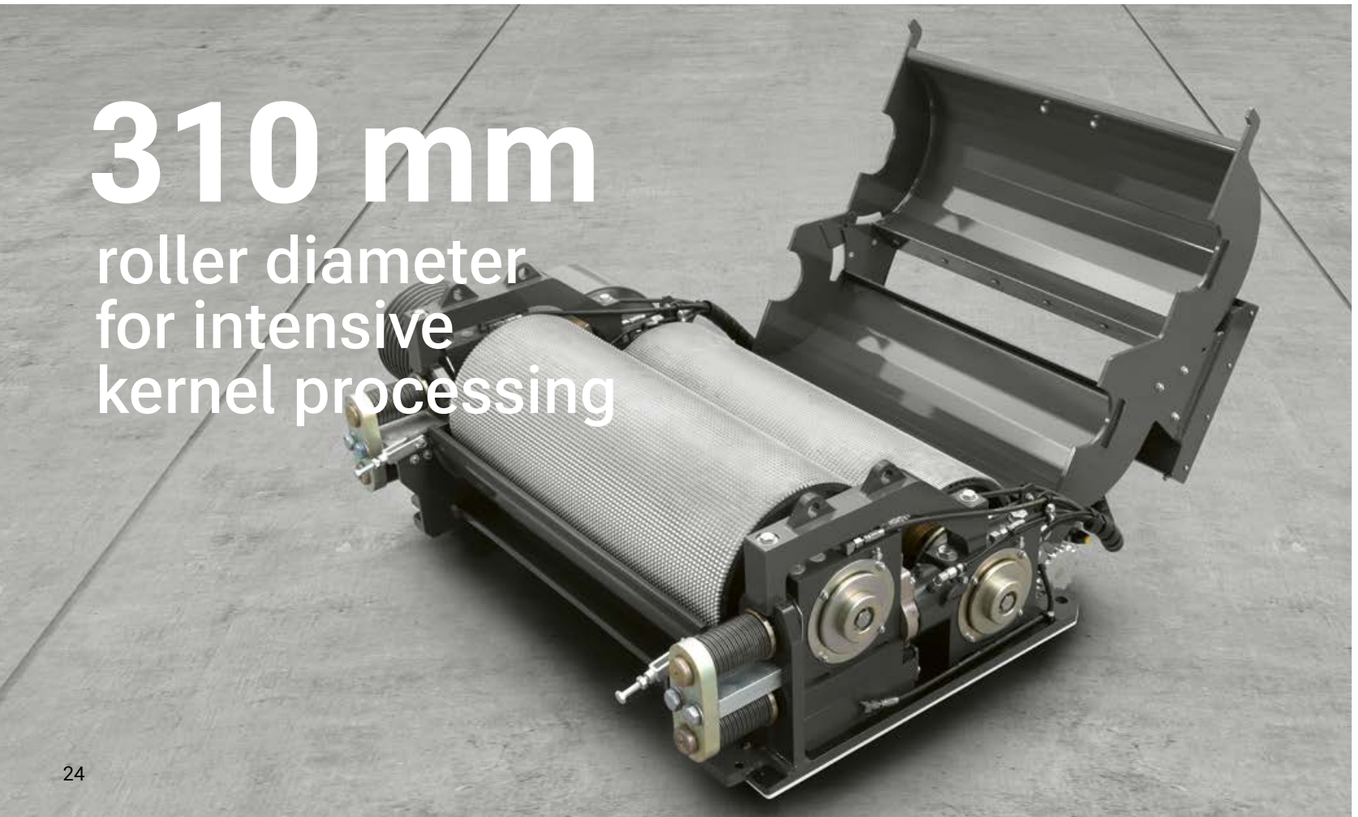
For optimum kernel processing, the rollers of the MCC CLASSIC operate with a speed difference of 40% while the figure for MCC SHREDLAGE® is 50%.

Precise quality analysis.
You can easily check the quality of the kernel processing in the chopped maize silage yourself. The laboratory you need for this is in your pocket.

With CLAAS connect on your smartphone and the blue analysis tray, it is easy to check the quality of the maize kernel processing while harvesting is still in progress. This saves you the cost of laboratory analyses and there is no long wait for the results.

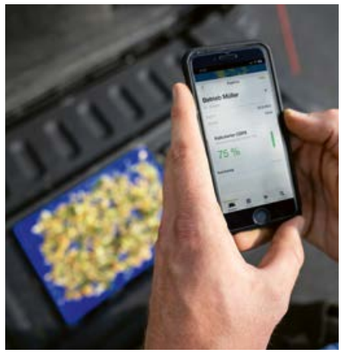
▶ **Operator-friendly.**
The planar dust extraction system for the radiator screen leaves you plenty of space in the maintenance compartment for easy installation of the corncracker.

▼ **Reliable.**
The modular design and the folding housing cover give you excellent access to the rollers. The robust bearing units are lifetime lubricated for very high reliability.



310 mm
roller diameter for intensive kernel processing

▶ In order to determine the CSPS score, you start by taking a one-litre sample, from which you then extract five to seven smaller individual samples. Spread each sample on the blue tray and photograph it with the CLAAS connect app.



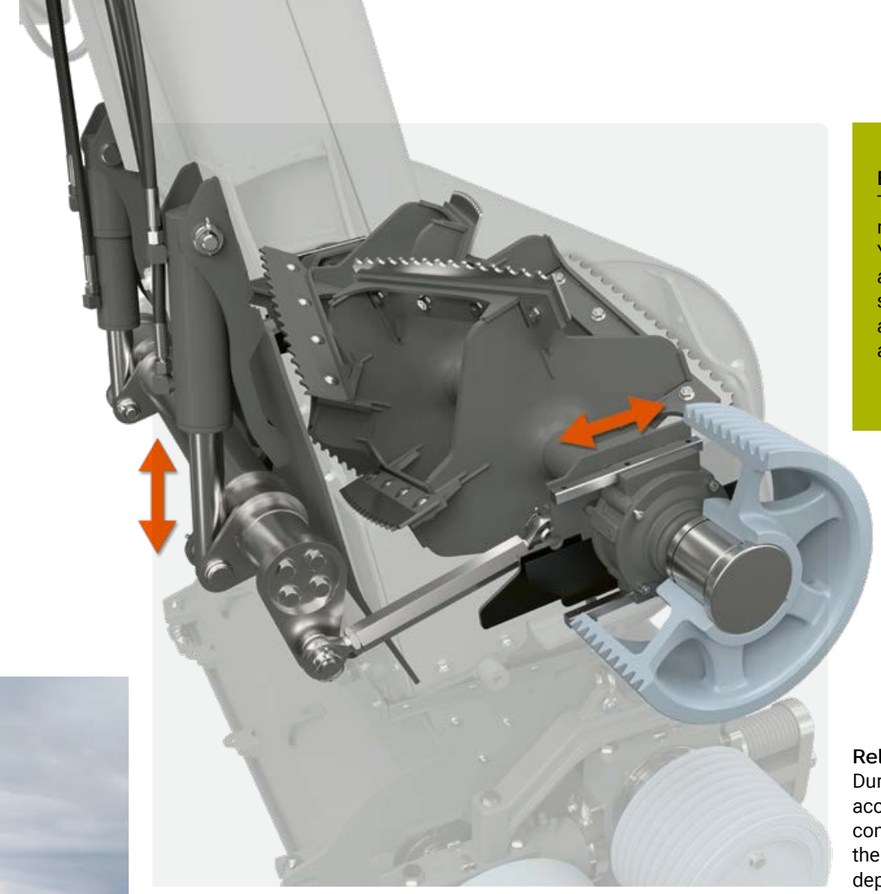
◀ **Evaluation via CLAAS connect.**
All the pictures are transmitted to the central server and undergo AI-based evaluation. The system determines the CSPS score for the samples and sends it back to your smartphone in a very short time.

A discharge rate that matches the job.

The wide crop accelerator reliably handles the precise discharging of all crops. It conveys and centres the huge volumes of harvested material by means of eight V-shaped accelerator paddles.

In order to work efficiently, you can adjust the distance of the crop accelerator to the back panel of the housing. You can vary the gap by up to 60 mm conveniently from the cab. With a narrow gap setting, you obtain a high discharge rate and can transfer the harvested material reliably to the transport vehicle to the rear of the JAGUAR.

For a fuel-saving transfer to the side, you open the gap wide to obtain the maximum distance between the crop accelerator and the back panel of the housing.



Easy to adjust.
The discharge rate can be increased or reduced conveniently from the cab. You can adjust the gap setting in CEBIS and have it applied automatically at the start of the chopping process. The adjustment can also be performed at any time while underway.

Reliably ready for action.
During every knife sharpening process, the accelerator automatically performs one complete forward and backward pass through the entire adjustment range. This keeps deposits to a minimum and reduces wear.

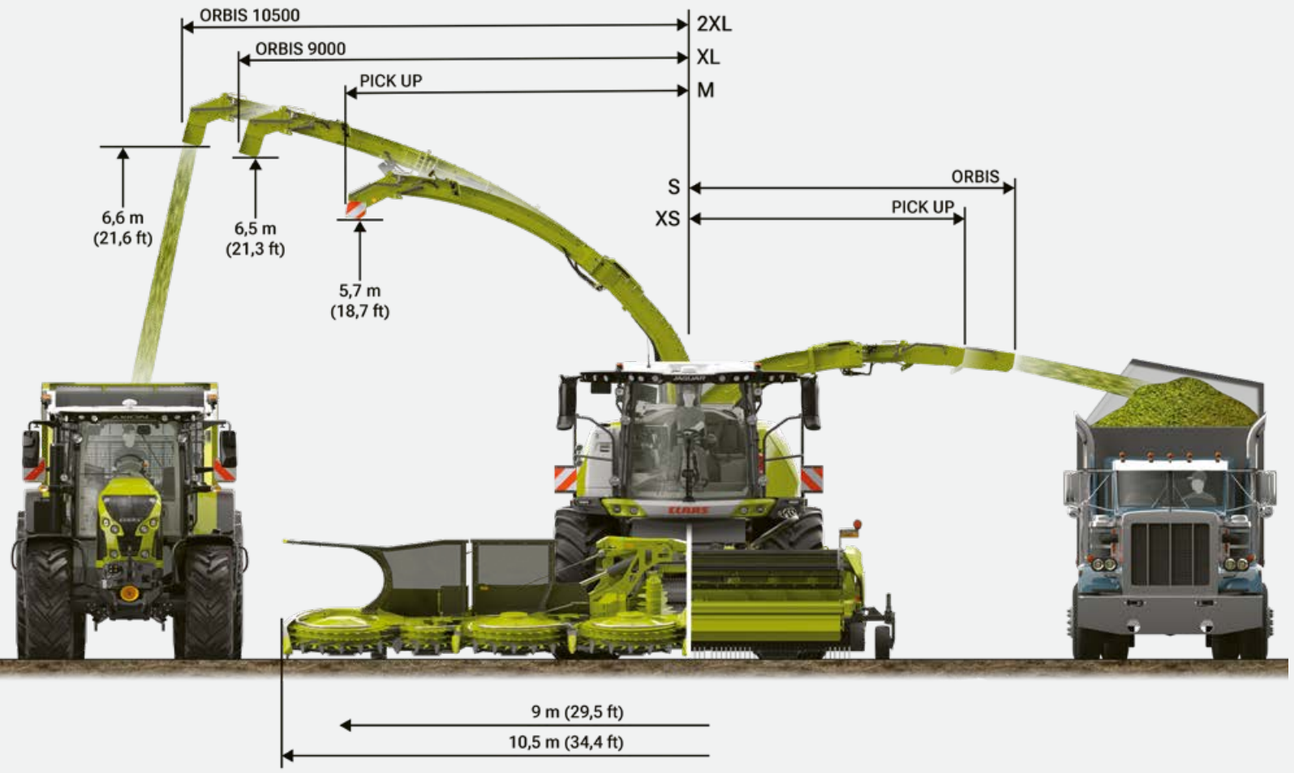
To the rear: high discharge rate for a long, targeted throw.

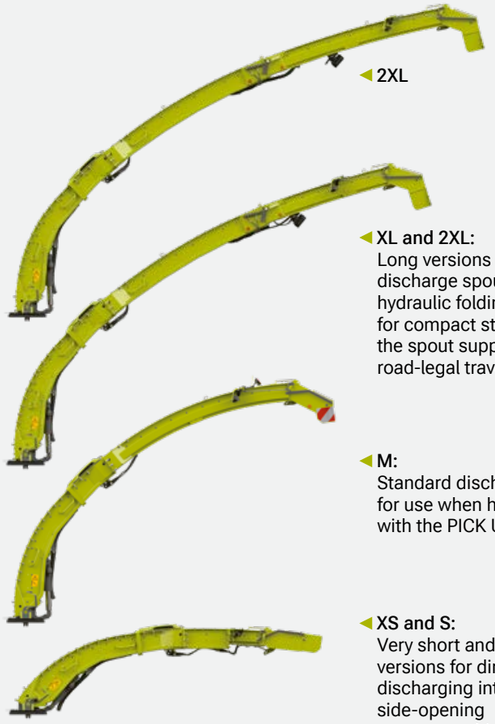
▲ The wide accelerator is designed for high throughput. Adjustments are made conveniently from the cab. The PREMIUM LINE parts enable a long service life.

To the side: only as much crop acceleration as is necessary.

▲ This flexibility saves energy, reduces wear and enables particularly efficient discharging to the side.

Optimum view of discharge process.





◀ 2XL

◀ **XL and 2XL:**
Long versions of the discharge spout with hydraulic folding action for compact stowage on the spout support for road-legal travel.

◀ **M:**
Standard discharge spout for use when harvesting with the PICK UP.

◀ **XS and S:**
Very short and short versions for direct discharging into side-opening transport vehicles.

▲ Well thought-out discharge spout design:
- Large cross-section for high, reliable throughput
- Robust construction for long service life
- Easy fitting procedure for extension modules
- Excellent wear protection provided by PREMIUM LINE parts

▼ Direct discharging to the side is usual practice in California for enclosed crop transport on the road.

▼ Standard version with constant radius for loss-free discharging, even when handling difficult loads such as very dry material.

Discharge safely and conveniently.

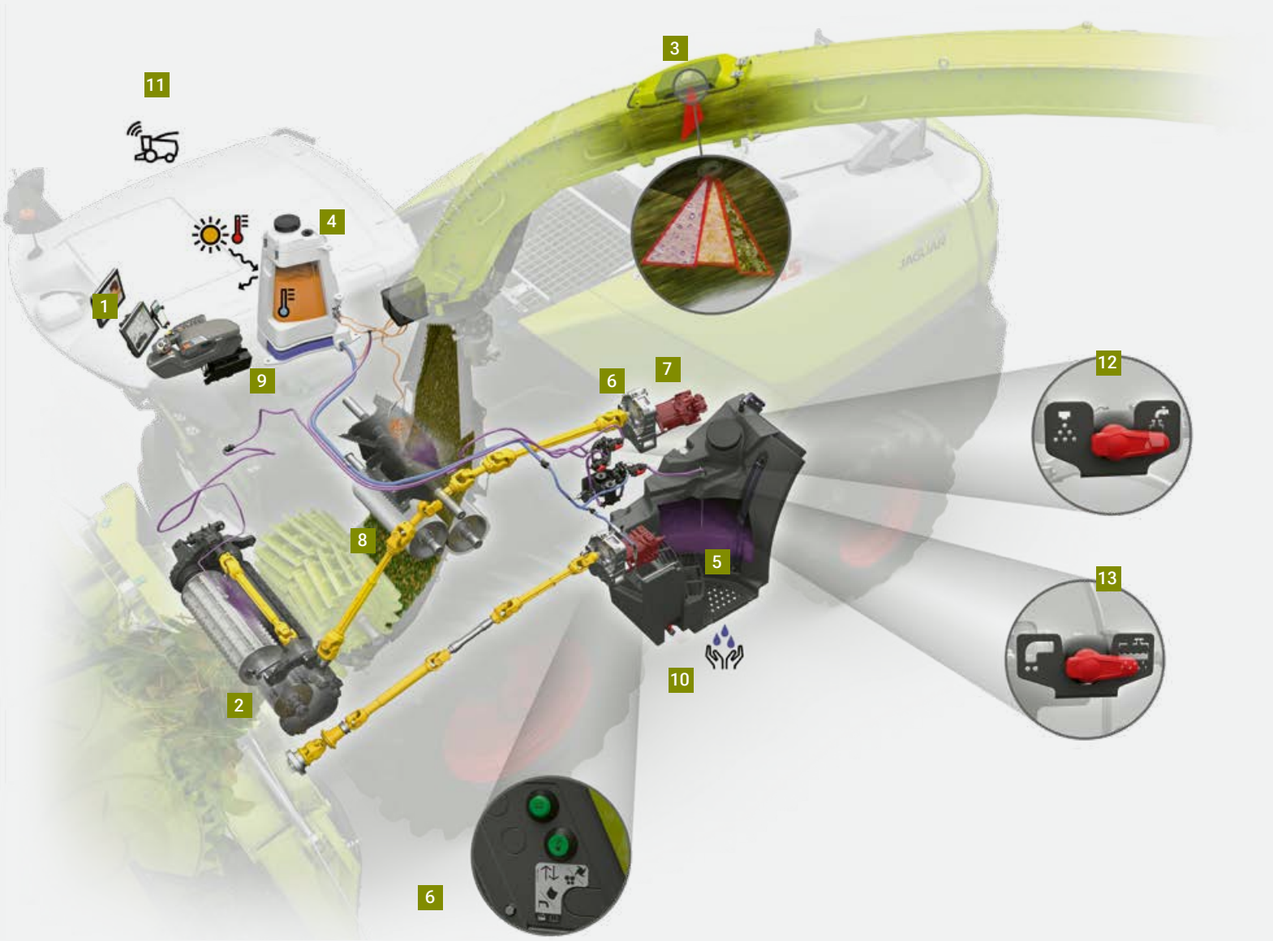
The large volumes of harvested material are centred in the lower discharge chute and projected through the large discharge spout to land accurately in the transport vehicle. The heavy-duty rotation ring with integrated overload protection enables a large swivel angle of up to 225°.

▲ Changing over from working to transport mode is performed quickly and easily at the touch of a button. The 2XL spout is automatically swivelled, folded and stowed compactly on the spout support.

▼ Long, straight spout extension for efficient loading of transport vehicles travelling at a distance to the side or rear.

Highly flexible.
The standard spout is sufficient when using the PICK UP for swath collection. In the case of maize harvesting with wide ORBIS front attachments up to a working width of 10.50 m, extension of the discharge spout is necessary. The corresponding end section is simply hooked into place and secured with bolts. Hydraulic couplings and electrical plug connectors also help to simplify the process.

High-quality silage for higher milk yield and improved animal health.



Automatic dosing via CEBIS

1. You specify the parameters in CEBIS
2. QUANTIMETER measures throughput
3. The dry matter is measured and serves as a control parameter for 4, 5 and 6
4. Highly concentrated additive from ACTISILER 37 is dosed automatically
5. Silage additive from the water tank is dosed automatically
6. The double pump can inject water or silage additive at the relevant points of the crop flow at a rate of up to 800 l/h
7. Flushing function for silage additive pumps and water inlet for initial filling of system
8. Water injection for knife sharpening
9. Water supply for injection during knife sharpening, for the ACTISILER 37 flushing function and for hand washing
10. Hand-washing facility
11. Machine connect for data management
12. Onboard refilling of ACTISILER 37 tank from water tank
13. Controlled conveniently from access steps

All additives are dosed accurately.

The intelligent systems of the JAGUAR form the basis for excellent forage quality: with precisely dosed additives from the 375 l tank or highly concentrated ones from the ACTISILER 37. The double-wall ACTISILER 37 tank protects your silage additive concentrate from high temperatures.

Onboard refilling. The ACTISILER 37 tank can be refilled straight from the 375-litre water tank.

▲ Accurate silage additive use: CLAAS connect determines exactly the right dosage for your daily harvest target.

▲ The CLAAS NUTRIMETER near infrared sensor analyses your chopped material in real time and – on the basis of the dry matter content – automatically adjusts the length of cut and the silage additive dosage. Data on important constituents, which are measured to determine the quality of the harvested crop, are shown in CEMIS and are made available via CLAAS connect.

▼ If you are harvesting a crop with a high sugar content, the injection of water at specific points in the crop flow path – such as the feeder unit, guide plate, accelerator and discharge spout – enables a consistent crop flow.

Rapid evaluation.
The NIR data determined by the CLAAS NUTRIMETER and the machine data are stored, evaluated and distributed in CLAAS connect.

All elements are matched precisely.

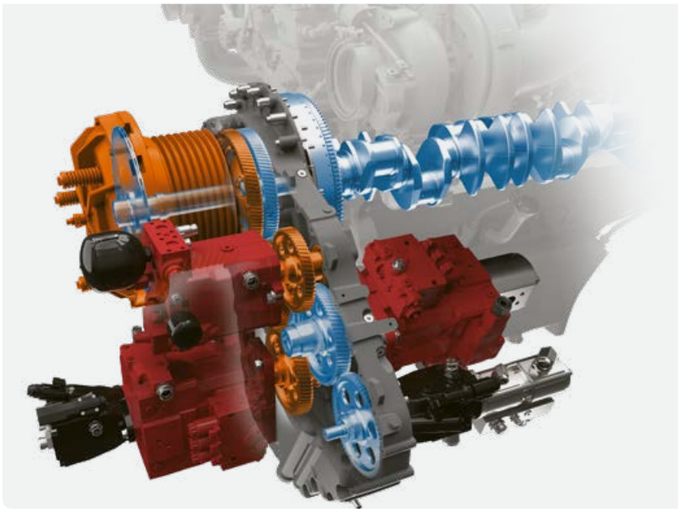
The direct drive layout with a transverse engine which has proved itself over many generations of JAGUAR machines is, of course, also to be found in the JAGUAR 1000. The huge engine output of up to 1,110 hp is matched to the crop flow up to 910 mm wide for optimum efficiency.

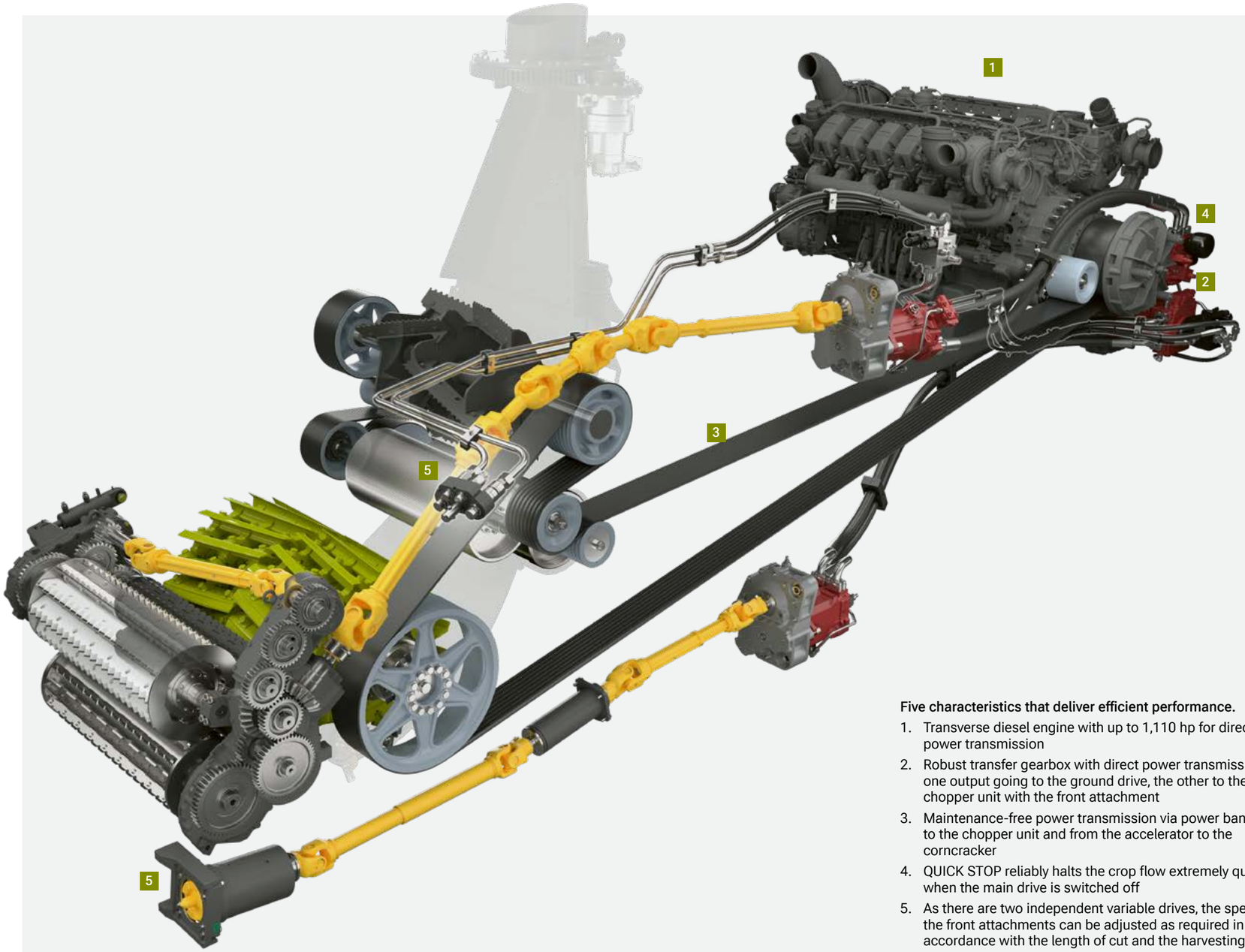
A transmission with integrated cooling distributes the engine power reliably via two internal spur gearboxes. With the diesel engine running, the hydrostatic pump for the ground drive and the working hydraulics pumps are driven directly. As soon as you engage the main drive, a second spur gearbox is engaged to transmit the drive to the feeder unit and the two front attachment drives.

The extremely high power transmission capacity of the robust drive train ensures sustained high throughput. At the same time, its very compact design means that a machine equipped with 800-series tyres is no wider than 3.30 m.

Well thought-out from front to rear: the drive train of the JAGUAR 1000 is designed for sustained high throughput.

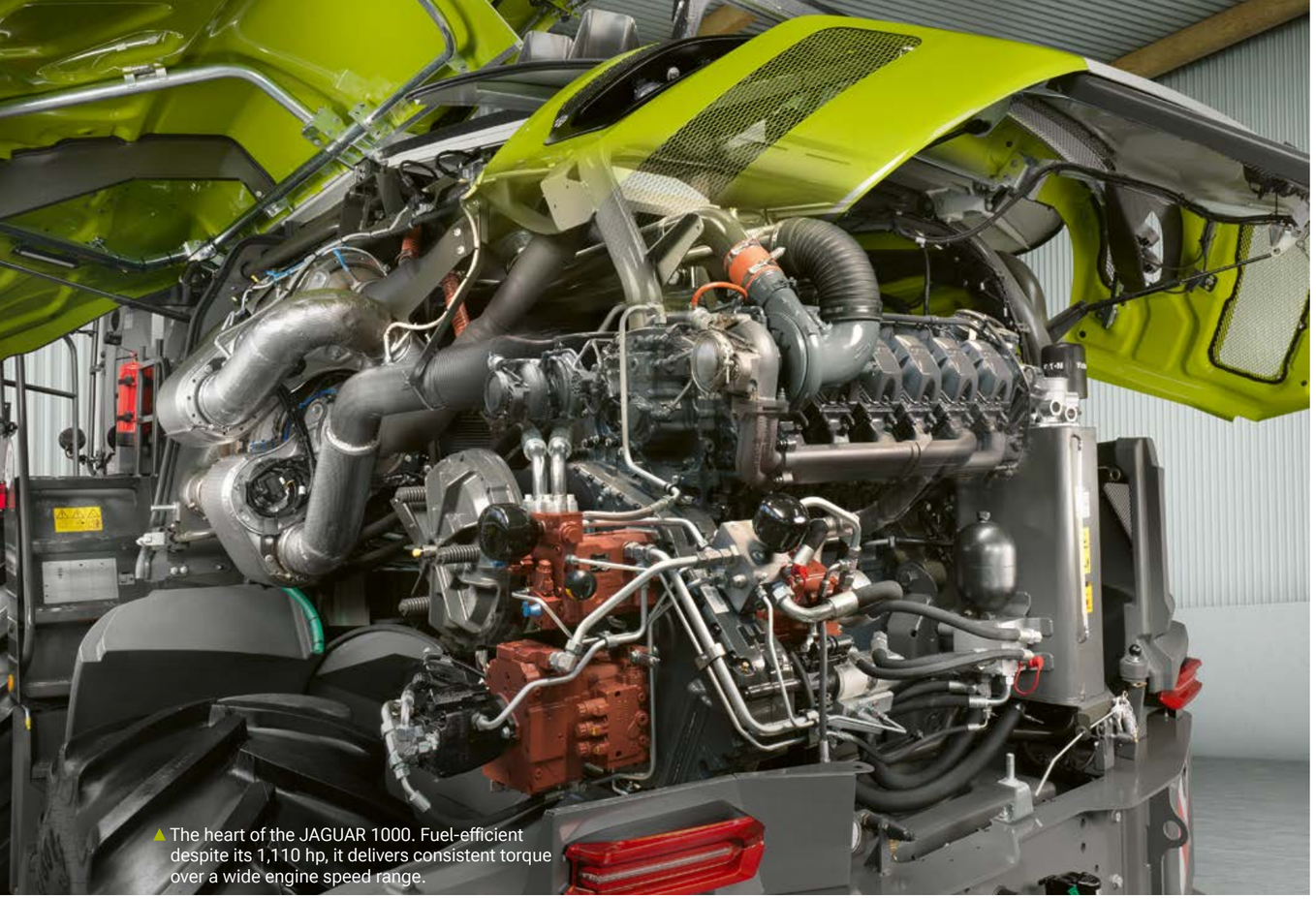
Pump transfer gearbox.
Powerful support for field work and economical on the road. Two separate drive trains are fitted for maximum efficiency.





Five characteristics that deliver efficient performance.

1. Transverse diesel engine with up to 1,110 hp for direct power transmission
2. Robust transfer gearbox with direct power transmission, one output going to the ground drive, the other to the chopper unit with the front attachment
3. Maintenance-free power transmission via power band belts to the chopper unit and from the accelerator to the corncracker
4. QUICK STOP reliably halts the crop flow extremely quickly when the main drive is switched off
5. As there are two independent variable drives, the speed of the front attachments can be adjusted as required in accordance with the length of cut and the harvesting speed



▲ The heart of the JAGUAR 1000. Fuel-efficient despite its 1,110 hp, it delivers consistent torque over a wide engine speed range.

Efficiency is more than output.

The JAGUAR 1000 series machines are powered by MAN V12 engines with a displacement of 24.24 litres and outputs of up to 1,110 hp. All the engines meet the Tier 4 final and EU Stage V emissions standards by means of selective catalytic reduction without exhaust gas recirculation (SCR-only).

As you are operating with chopper unit widths of up to 910 mm, you always make use of the full engine output, regardless of the length of cut that has been programmed. This applies in particular when harvesting SHREDLAGE® or when using very short lengths of cut of the type required for biogas facilities.

▲ The three air filters which ensure a reliable supply of air to the powerful engine can be accessed without tools for fast maintenance.

▼ The extractor fan operates continuously during field work and road travel.

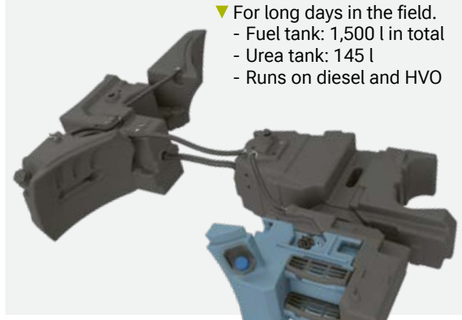
◀ The large, rotating radiator screen is continuously cleaned by the extractor fan. The internal screen brush can be engaged as needed.

Efficient cooling.
The vertical cooling system is designed for operation in regions where temperatures reach up to 50°C. The flat, rotating radiator screen with its active, self-cleaning extraction system prevents dirt deposits both during harvesting and road travel.

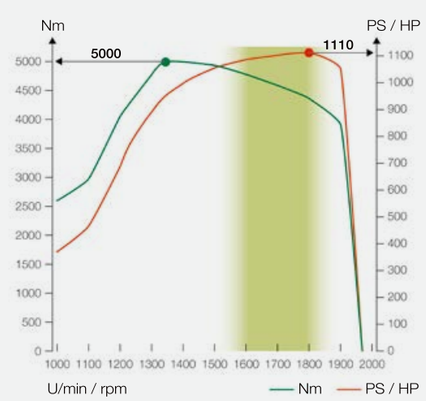
DYNAMIC COOLING ensures that the fan wheel only delivers the amount of cooling that is actually needed. Sensors measure the temperature of the coolant, hydraulic oil and charge air. These data determine the fan speed and so help you achieve additional fuel savings.

▲ The radiators for charge air, hydraulic oil and coolant are designed for easy access.

▼ For long days in the field.
- Fuel tank: 1,500 l in total
- Urea tank: 145 l
- Runs on diesel and HVO



JAGUAR 1200



JAGUAR engines	MAN V12		Displacement
	kW	hp	litres
1200 / D2862	816	1110	24,24
1100 / D2862	750	1020	24,24
1090 / D2862	680	925	24,24
1080 / D2862	626	850	24,24

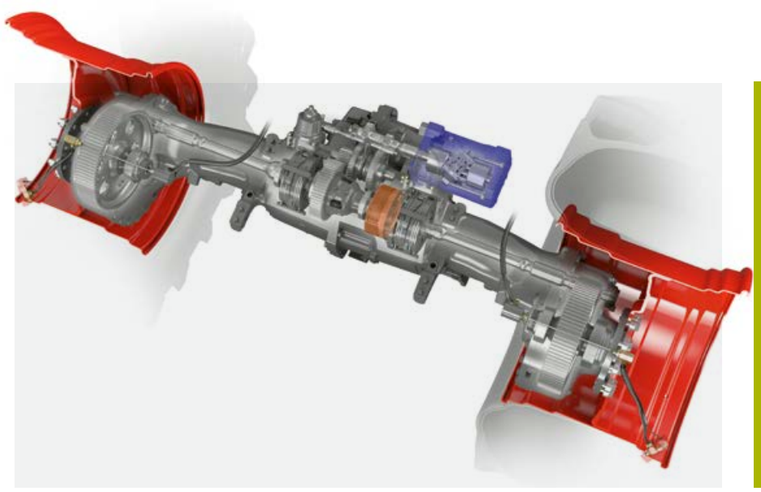
Solid chassis, strong running gear.

1. Robust chassis with load-bearing underframe
2. Front axle with tyre diameter of up to 2.15 m
3. Rear axle with tyre diameter of up to 1.65 m
4. Easy integration of the chopper unit
5. Space-saving accommodation of lift axle
6. Space for high-capacity diesel tank

▶ The lift axle serves as an auxiliary axle which enables optimum distribution of the total weight for legally compliant road travel. During field work, the lift axle is compactly stored in the main frame.

Works hard and drives easily.

High operational reliability and a long service life are built into the main frame of the JAGUAR 1000. The chassis with robust front and steering axles is designed for hard work and efficient operation. The heavy load of large front attachments is borne by the main frame via the front axle and load-bearing underframe. This design reconciles a low total weight with maximum stability.



Front axle with double hydrostatic motor.
The double hydrostatic motor on the front axle has a wide speed range and ensures that the JAGUAR can pull away powerfully on the road, in the field and on slopes. Its two-speed transmission not only delivers very high traction in first gear but also enables speeds of up to 40 km/h in second gear.

Maximum traction and ground protection.
With tyres with a diameter of up to 2.15 m for the front axle and 1.65 m for the rear axle, the JAGUAR 1000 offers outstanding traction and low rolling resistance.

Powerful progress is also ensured by the 4-wheel-drive system with traction distribution and front and rear differential locks (rear lock exclusive to CLAAS).

Front and rear tyre pressure control increases the contact area, improves traction and protects the soil while increasing driving comfort.

Reduces your workload and fuel consumption.
You only have to operate the control lever, everything else works automatically. The diesel engine speed constantly adjusts to the working conditions, saving fuel and reducing ambient noise.

During field work, at the headland, for example, the engine speed is reduced to 1,400 rpm. If you stop the JAGUAR, the engine speed drops again to 1,200 rpm, the lower idling speed even going as low as 750 rpm. On the road, you are running at a fuel-saving 1,250 rpm – and all these adjustments are made automatically.

▲ The robust rear steering or steering drive axle is designed for heavy loads up to 10 t. Its track width can be adjusted by means of two spacers of differing widths. The steering angle sensors are situated in a protected position in the axle body.

Plenty of space, high comfort and a commanding view.

4 Developed for extended working.
1. Plenty of storage
2. Clear and intuitive control system
3. Very quiet cab for pleasant working days
4. Cool box

The JAGUAR thinks ahead: when the discharge spout swivels automatically, the corresponding side window wiper is activated simultaneously.

Convenience and comfort improve productivity.

The generously sized steps and the large door enable easy access to the cab. A number of swivelling seat variants – including seat heating and ventilation functions – are available for maximum comfort. The automatic climate control creates a pleasant working environment. Visibility to the sides and towards the discharge spout is perfect, courtesy of the tall side windows. The JAGUAR 1000 therefore offers you a comfortable and convenient workplace with an optimum view of the entire operating area.

The insulated cab is extremely quiet. A particularly convenient feature is the automatic adjustment of the diesel engine speed when turning at the headland or switching to road travel. The result is a calm and comfortable working environment, even on long days in the field.

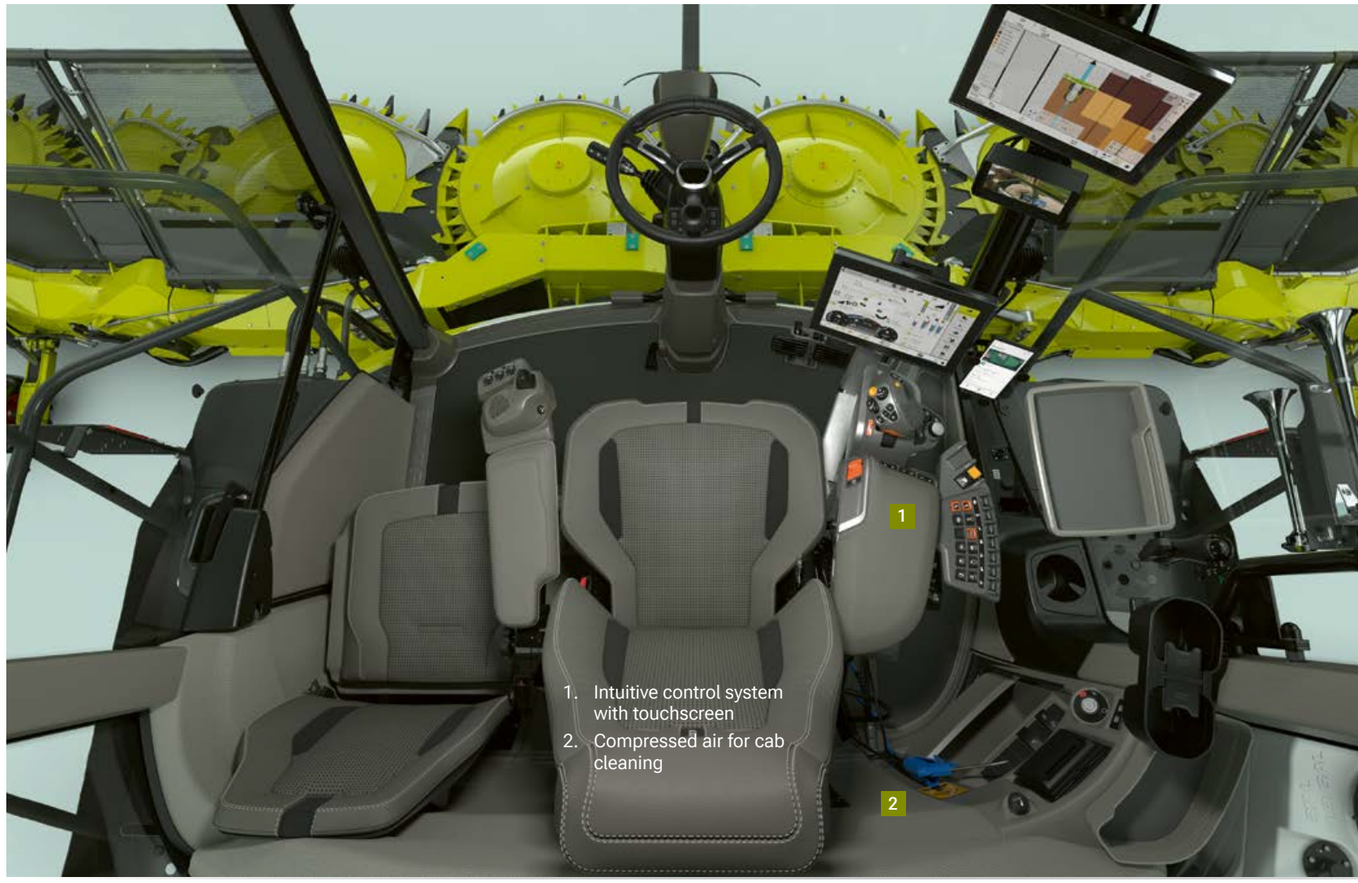
▲ The premium windscreen wiper with integrated screenwash spray provides perfect visibility, even in very difficult harvesting conditions.

▲ CEBIS and CEMIS terminals with user-friendly touchscreen.

Ergonomic, intuitive control system.
The comfortable seating position with plenty of space between the steering column and the adjustable control console enables stress-free working. The CMOTION control lever falls perfectly to hand. CEBIS and CEMIS with touchscreen operation give you fast, convenient access to all machine functions. All the switches are self-explanatory and within easy reach.

1. Tall side windows for good all-round visibility
2. Clear field of view with premium wiper with integrated screenwash spray
3. Optimised airflow for a pleasant cab temperature

▼ In the JAGUAR, there is simply nothing to distract you. You have the space you need, are shielded from noise and have a clear all-round view. The logical layout of the displays and controls means that you can quickly master the JAGUAR.



1. Intuitive control system with touchscreen
2. Compressed air for cab cleaning

▲ The steering column and the swivelling operator's seat can be adjusted to suit each and every operator. The foot rests enable a comfortable seating position.

◀ You can assign up to six different functions to the three function switches in the joystick armrest. For example: raising and lowering of the discharge spout, sounding the horn, side wiper activation or work lighting.

The joystick gives you fingertip steering control.

The precise steering control provided by the joystick is ideal when the JAGUAR has to make tight turns at the headland. The joystick steering has two steering modes and can be set to a number of different intensity levels.

The JAGUAR is designed to be logical and straightforward to operate. The main functions are controlled via the CMOTION multifunction lever and a small number of central controls. As a result, even new operators can quickly handle the machine safely and reliably and make use of its performance capacity.

Operator assistance systems make your job easier.

CLAAS operator assistance systems have been developed to make your harvest go more smoothly and to reduce your costs. With their help, you can make more efficient use of the JAGUAR 1000 throughout the entire working day.

CEMOS AUTO PERFORMANCE, the intelligent engine management and drive control system, maintains a constant engine speed and automatically adjusts both the engine output and the ground speed to the crop volume. This ensures a consistent crop flow and smooth operation of the entire harvesting process.

You are able to work comfortably and efficiently at all times.

▼ Plan your jobs, including reference tracks, in CLAAS connect and transfer them straight to the machine. On completion, the operator uses the same quick and easy method to send the job and yield data back to the office.

Crop flow:
- **AUTO CROP FLOW** monitors the crop flow
- **Metal detector** provides protection with five magnets
- **STOP ROCK** detects solid foreign objects
- **DIRECT STOP** stops the feeder unit in a matter of seconds
- **QUANTIMETER** measures the throughput
- **NUTRIMETER** analyses the chopped material
- **OPTI FILL** optimises the spout control
- **AUTO FILL** loads the trailer automatically

Front attachment:
- **CEMOS AUTO HEADER** configures the front attachment automatically
- **Automatic speed adjustment** optimises the crop flow
- **Automatic transport protection** for the ORBIS

Easy steering.
Precision plays a decisive role in the efficiency of your harvest operation. Automatic steering systems, such as GPS PILOT, AUTO PILOT and CAM PILOT can help by massively reducing your workload. In addition, the joystick steering system and dynamic steering significantly increase driving comfort when turning at the headland.

Precise track guiding with GPS PILOT.
The GPS PILOT uses satellite signals to guide the JAGUAR reliably along parallel lines, curved contours at the crop edge or predefined reference lines. In this way, you can make use of the full working width and reduce overlaps to a significant degree. You can also work reliably and precisely at night or when visibility is poor.

You can also use existing GPS track lines in ISO XML format, such as those produced by a swather during grass harvesting or generated during maize sowing.

Proven alternatives.
Of course, you can also use the proven AUTO PILOT row sensor for automatic steering in maize. When harvesting grass, the steering can be left to the CAM PILOT in combination with the PICK UP. This system uses a camera with two lenses for three-dimensional detection of the swath.

Assistants that reduce your harvest workload.

Steering:
- **GPS PILOT** steers with absolute precision
- **AUTO PILOT** senses the rows of maize mechanically
- **CAM PILOT** detects the grass swaths
- **Differential lock** increases traction
- **Joystick steering** increases driving comfort and convenience

Engine:
- **DYNAMIC COOLING** provides cooling as required
- **CRUISE PILOT** controls the ground speed
- **CEMOS AUTO PERFORMANCE** adjusts the engine output as required

“I want to save fuel, reduce costs and operate more efficiently.”

The JAGUAR determines the forage quality while out in the field.

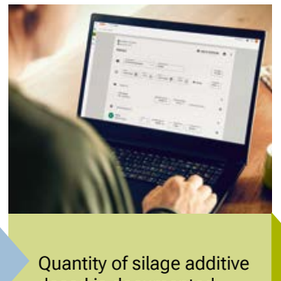
The CLAAS NUTRIMETER is a near infrared sensor that measures the dry matter in your harvested material. It is also able to provide data about the constituents – such as starch, crude protein, crude fibre, crude ash, crude fat and sugar – of various crops. All this happens in real time, providing you with precise data about the quality of the forage while harvesting is still in progress.

The results are displayed directly on the machine in CEMIS 1200 and are transmitted to your office CLAAS connect account to provide you with precise documentation.

▼ With the CLAAS NUTRIMETER you have a reliable near infrared sensor which you can also use on the spot in the field.

Sensor-based values (constituents)	Grass	WCS	Maize
Dry matter	●	●	●
Moisture	●	●	●
Starch	–	●	●
Crude protein	●	●	●
Crude fibre	●	●	●
Crude ash	●	●	●
Crude fat	●	●	●
Sugar	●	●	●

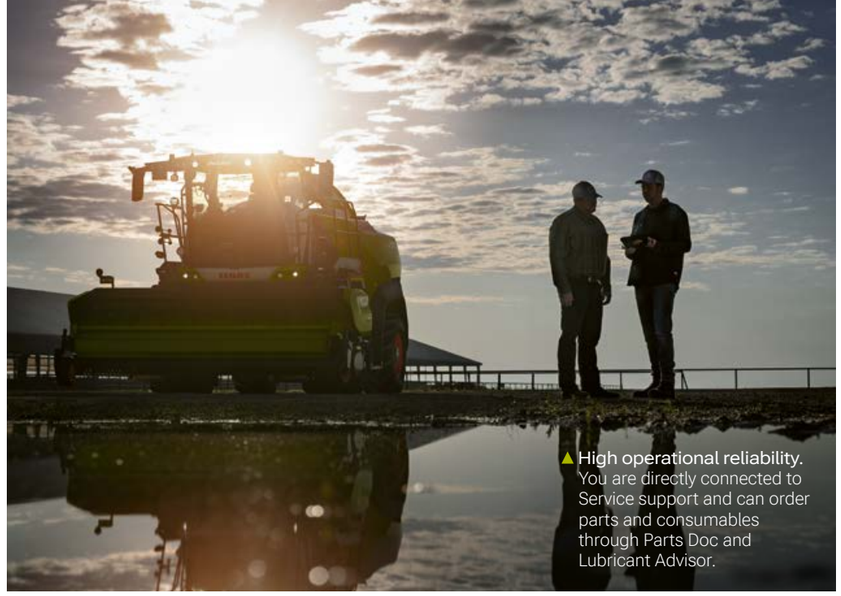
CLAAS NUTRIMETER. When you want to know exactly what you're dealing with.

Automated processes	Higher silage quality	Precise documentation	Practical benefits
			
Accurate silage additive dosage based on throughput or dry matter content	Fermentation process and aerobic stability are improved	Quantity of silage additive dosed is documented	Silage additive costs of 2-5 € per tonne of fresh mass make precise, strategic dosing a necessity
Automatic length-of-cut control in accordance with dry matter content	Enables uniform compaction and processing	Machine settings available online	For example: automatic adjustment of the length of cut from 30 mm (at 30% DM) to 26 mm (at 35% DM) for optimally processed SHREDLAGE® silage
Dry matter content monitoring for grass, WCS and maize on the spot in the field, DLG-certified	Harvesting point is determined on basis of crop maturity	All harvest data available in precise form	A crop which is not in the optimum dry matter range leads to silage effluent formation, starch loss and deficient fermentation
Accurate documentation and precise transmission of harvest data	Direct information for quality control of the silage while it is stored in the clamp	The dry matter content is an important parameter, e.g. for crop sales and feed	For precise and therefore fair billing on the basis of dry matter content
Identification of constituents: starch, crude protein, crude fibre, crude ash, crude fat and sugar	Indispensable knowledge for optimum feed ration composition	Data as basis e.g. for selection of crop variety for next harvest	Guarantees better forage

CLAAS connect links the JAGUAR with your farm.

With the CLAAS connect app, you are able to benefit from all the advantages of modern farm and fleet management, make greater use of the performance capacity of your machines and reduce your workload at the same time. The app combines digital machine management with documentation, application mapping and yield mapping on a secure, cloud-based platform.

Once installed, the system guides your through the entire farming year and helps boost profitability while supporting your decision making, from sowing to harvesting.



▲ **High operational reliability.**
You are directly connected to Service support and can order parts and consumables through Parts Doc and Lubricant Advisor.

▶ **Automatic documentation.**
All yield and NUTRIMETER data are processed precisely.

CLAAS connect gives you a global view of your machines and allows you to monitor the progress of work in the field so that you can plan how to use your fleet effectively.

Your work, including yield and NUTRIMETER data, is documented automatically. You can easily plan track lines in the office beforehand and transmit them straight to your machines.

CLAAS connect package

Documentation

- CLAAS connect
- Machine connect

CLAAS connect package - Professional

Documentation
+ Steering system
+ Precision farming

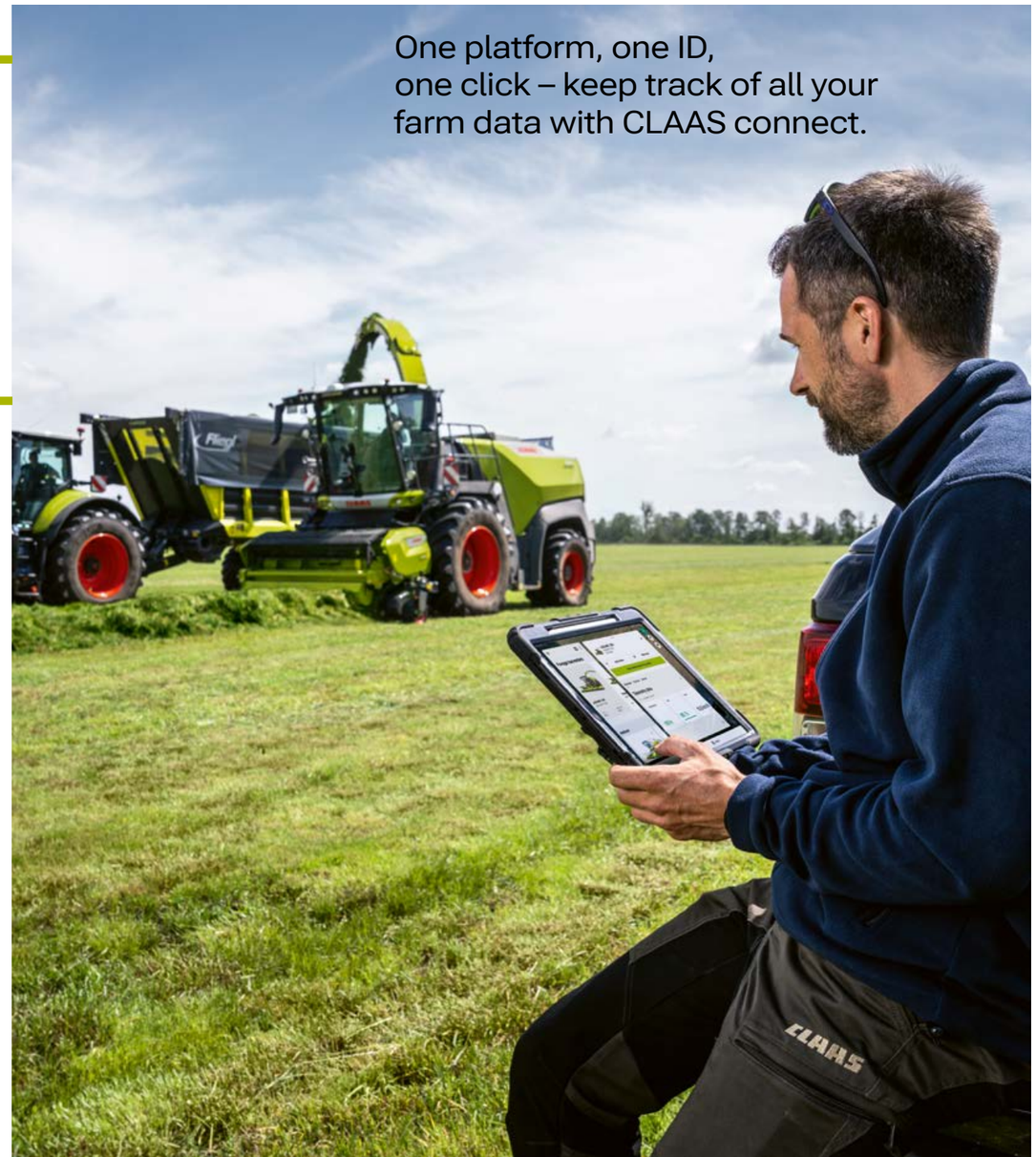
- CLAAS connect
- Machine connect
- GPS PILOT CEMIS 1200

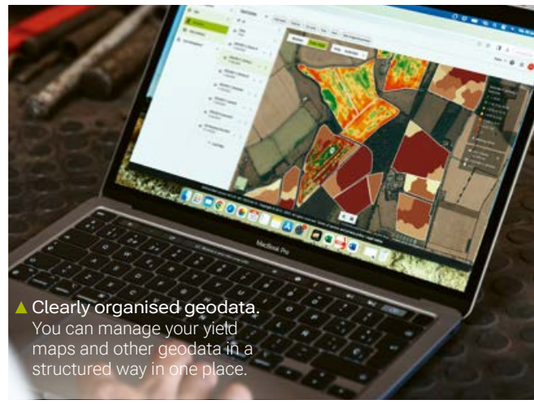
CLAAS connect package - Professional with NUTRIMETER

Documentation
+ Steering system
+ Precision farming

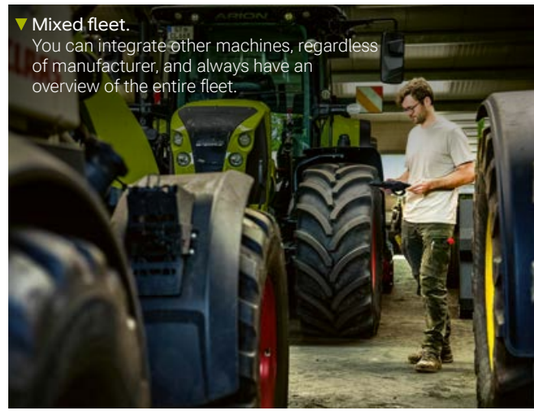
- CLAAS connect
- Machine connect
- GPS PILOT CEMIS 1200
- NUTRIMETER:
- Constituent measurement, maize
- Automatic length-of-cut adjustment

In order to benefit from the full functionality of CLAAS connect Farm Management, one CLAAS connect farm licence is required per farm.

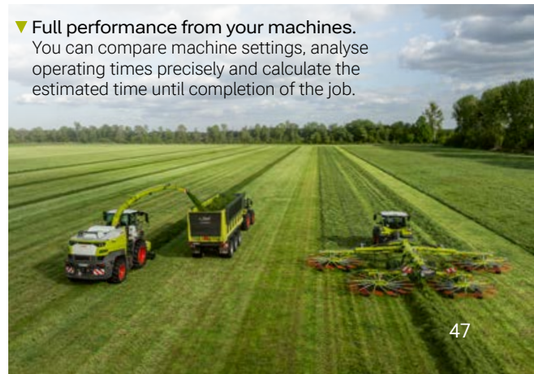




▲ **Clearly organised geodata.**
You can manage your yield maps and other geodata in a structured way in one place.



▼ **Mixed fleet.**
You can integrate other machines, regardless of manufacturer, and always have an overview of the entire fleet.



▼ **Full performance from your machines.**
You can compare machine settings, analyse operating times precisely and calculate the estimated time until completion of the job.

QUICK ACCESS saves time on checks and maintenance.

Excellent accessibility has always been a JAGUAR speciality and the JAGUAR 1000 is no exception to the rule. Once again, this new model series impresses with its maintenance-friendly design.

On all models, QUICK ACCESS makes it possible for you to inspect the chopping unit quickly. The LED maintenance lighting illuminates important maintenance points in the dark. A maintenance-free brake system and long-life hydraulic oil also play their part in saving you time and money.

Downtime is therefore kept to a minimum and you can return to field work more quickly.

▲ Large side panels enable easy access – for installing and removing the corncracker, for example, or for cleaning the three large air filters without the need for tools.

Visibly better maintenance.
Bright as day, the LED maintenance lighting under the side and rear panels as well as in the storage compartment provides light exactly where you need it.

A hand lamp with a magnetic base can be positioned to illuminate the front area as required. The step lighting enhances safety when accessing or leaving the cab. Another safety feature is the afterlight function provided by the LED work lights once the ignition has been switched off.

“My machine has to be maintenance-friendly. I want easy access.”

▶ In keeping with the QUICK ACCESS principle, the pre-compression roller housing swings open by about 80° to provide easy access to the wide chopping cylinder. You can raise the pre-compression rollers hydraulically.

▼ All the key components of the electrical system are housed securely and centrally in the cab. An expansion box in the maintenance compartment makes it easy for you to retrofit additional equipment.

▶ The well thought-out maintenance system saves a great deal of time – for example with the standard-fit compressed air system which makes it easier to clean the machine quickly.

PREMIUM LINE means harvesting more and waiting less.

Even under the most demanding harvest conditions, CLAAS PREMIUM LINE parts provide very high wear resistance and a long service life. In many cases, it is not necessary for them to be replaced until after several campaigns. This increased durability is made possible by special manufacturing processes, high-quality materials and special coatings.

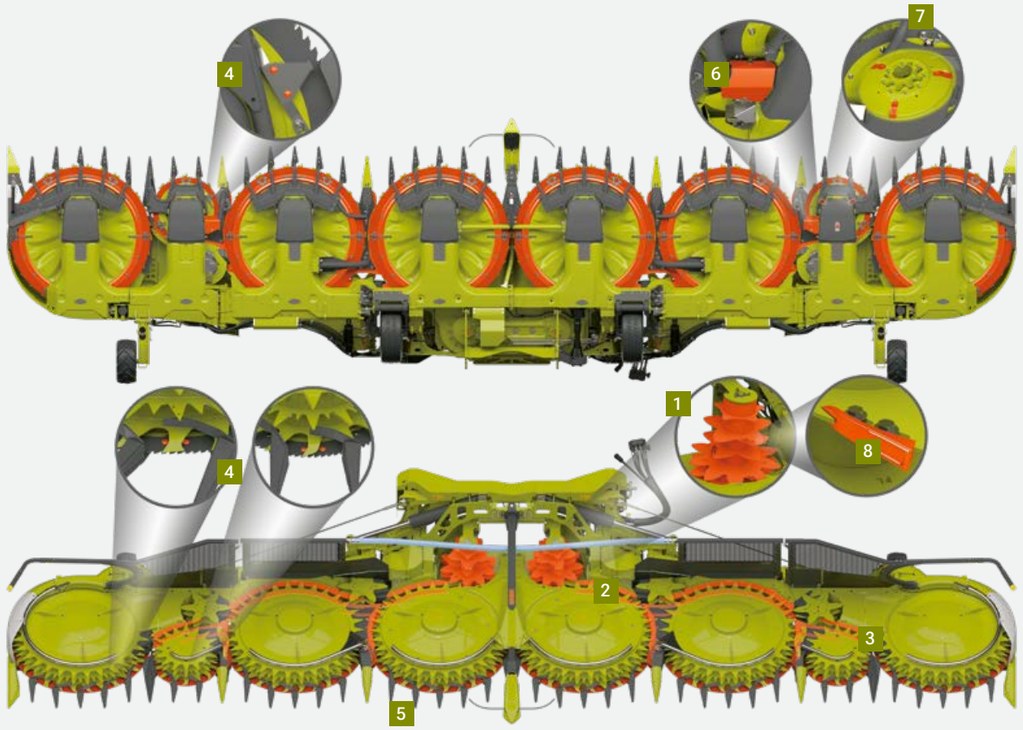
The PREMIUM LINE concept calls for parts to have a service life at least twice or three times that of standard parts. Practical experience shows that this objective is indeed attained.

CLAAS PREMIUM LINE		Professional
1	Feed roller toothed bars	●
2	Smooth roller stripper bar	●
3	Chopping cylinder concave	●*
4	Guide plate	●*
5	Grass chute back panel	●*
6	Accelerator paddles	●
7	Accelerator housing, 2-part	●*
8	Accelerator housing, left /right sides	●*
9	Accelerator back panel	●*
10	Lower discharge chute plate, front / rear	●*
11	Discharge spout rotation ring plate	●*
12	First wear plate on discharge spout	●*
13	Wear plates, discharge spout	●*
14	Discharge spout end piece	●

* The JAGUAR PREMIUM LINE Professional package gives you a guaranteed operation warranty on all parts marked with *. This cover runs for up to five (three) years or for 3,000 (1,500) engine operating hours – whichever limit is reached first. Only available for selected countries. For the precise number of years / engine operating hours, please see the JAGUAR product page at claas.com; in addition, the warranty conditions available from the CLAAS dealer apply.

● Standard – Not available

Greater operational reliability with PREMIUM LINE wear protection.



1. A special wear coating gives intake drums low wear characteristics
2. Interior guide strips made of steel (standard equipment)
3. Exterior guide strips made of steel
4. Wear elements to protect the large cutting discs
5. Knives with wear coating
6. Cover for the deflector mounting
7. Small disc scraper
8. Scraper with deposit welding

Top performance for ORBIS too.
Highly wear-resistant parts are recommended for extreme operating conditions – where there is a high proportion of sand, for example, or extended periods of operation. A tungsten carbide coating ensures that the knives have a long service life. The speed difference between the cutting disc and the transport disc creates a self-sharpening effect.

We guarantee a specified performance level for factory-fitted PREMIUM LINE parts in the base machine on the basis of operating hours or machine age.

On call for you.

Keeping you operational is the top priority for CLAAS. With our comprehensive service, parts and consumables, we ensure that your machines can always deliver optimum performance.

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.

MAXI CARE has everything covered.
You can take care of the important tasks on your farm while we look after your machine. MAXI CARE service contracts ensure that your machine is always ready for action and allow you to concentrate fully on your main activities on the farm and in the fields. The service packages are tailored to the specific requirements of your farm.

The complete cover provided by a MAXI CARE service contract* comprises a maintenance contract, an annual post-harvest check and an extended warranty. You can tailor the term of your service contract in consultation with your CLAAS service partner.

MAXI CARE | Maintenance | Protect | Flex

▲ MAXI CARE does more than increase your operational reliability. You can also budget on the basis of fixed costs while keeping the breakdown risk to a minimum.

* Subject to regional availability.

Over 97% of parts are dispatched on the same day.

CLAAS ORIGINAL parts, including PREMIUM LINE for very heavy-duty applications and SILVER LINE for older models, ensure maximum efficiency.

All parts are available rapidly.
A sophisticated logistics system ensures that any parts you require are available extremely rapidly. Our network of CLAAS dealer sites is so comprehensive that parts are always available in your area or can be supplied quickly from one of the central parts stores. As a result, over 97% of parts are dispatched from the central parts store on the same day, so that your machine is operational again as quickly as possible. And if ever an order is particularly urgent, we call on express solutions to provide you with the support you need even more quickly.

Our Parts Shop is open around the clock.
With CLAAS connect on your smartphone, you can access important parts, lubricants and consumables at anytime from anywhere. Parts Doc and the Parts Shop allow you to identify parts easily and order them directly.

20% more throughput* is only one of many good reasons.

Test drive the JAGUAR 1000 now.
claas.com

“Even at high throughput, I have to ensure optimum kernel processing for my customers.”

Throughput
- High-performance front attachments, such as the new PICK UP increase harvest performance to a significant degree
- The coordinated crop flow system, the widest in the market at up to 910 mm, delivers 20% more throughput*
- Wider front attachments, such as the 14-row ORBIS 10500, maximise conversion of the engine output into throughput
- With its large cross-section, the discharge spout is designed to deliver high throughput reliably

Chop quality
- The fully hydraulic pre-compression enables consistent chop quality in all crops and lengths of cut
- The 910 mm wide V-FLEX chopping cylinder cuts the crop cleanly and precisely.
- The MULTI CROP CRACKER XL with a 310 mm roller diameter impresses with an excellent processing score
- CLAAS connect enables direct quality analysis of kernel processing (CSPS)

Efficiency
- The diesel engine’s huge output of up to 1,110 hp is ideally matched to the wide crop flow and the front attachments
- DYNAMIC COOLING applies only as much cooling as the JAGUAR needs at any time
- CEMOS maintains the engine speed set by the operator and adjusts the engine output and ground speed in accordance with the volume harvested
- CEMOS AUTO CROP FLOW provides overload protection
- A wider working width means significantly fewer passes and therefore more effective harvest performance

Comfort and convenience
- The spacious cab mounted on silent blocks provides a pleasantly stress-free working environment, even during long days in the field
- The automatic adjustment of the diesel engine speed results in a very low noise level
- A large windscreen and side windows give you an excellent view of the entire work area
- Joystick steering and freely programmable function buttons make the machine easy to manoeuvre
- Numerous steering and operator assistance systems increase driving comfort while reducing fuel consumption

* Compared to the JAGUAR 990 under similar conditions

JAGUAR 1000		1080	1090	1100	1200
Engine					
Manufacturer		MAN	MAN	MAN	MAN
Type		D2862	D2862	D2862	D2862
Cylinders		12	12	12	12
Displacement	l	24.24	24.24	24.24	24.24
Maximum output (ECE R 120)	kW (hp)	625 / 850	680 / 925	750 / 1020	816 / 1110
SCR exhaust gas aftertreatment, Tier 4 and Stage V		●	●	●	●
Fuel tank (standard)	l	1500	1500	1500	1500
HVO ready		●	●	●	●
Urea tank	l	145	145	145	145
Fuel consumption measurement		●	●	●	●
Chassis					
Hydrostatic ground drive with 2-speed transmission		●	●	●	●
Differential lock, front		○	○	○	○
Differential lock, rear		○	○	○	○
Track width extension for steering axle 230 mm / 310 mm		○	○	○	○
Steering axle, 4-TRAC 4-wheel drive		○	○	○	○
Tyre pressure control system, front axle		○	○	○	○
Tyre pressure control system, front and rear axle		○	○	○	○
Water / silage additive tank, content 375 l		○	○	○	○
Silage concentrate system, ACTISILER 37, capacity 37 l		○	○	○	○
Front attachments					
ORBIS 10500 / 9000 working width 10.5 m / 9 m		○	○	○	○
PICK UP 4500 / 3800 / 3000 Working width 4.5 m / 3.6 m / 2.6 m		○	○	○	○
Adapter for combine harvester maize picker		○	○	○	○
Front attachment drive					
Front attachment drive, fully variable - PICK UP reel drive, variable - ORBIS intake drum drive, variable - Preparation for DIRECT DISC		●	●	●	●
Feeder unit					
Width 880 mm		●	●	●	●
Feed and pre-compression rollers, no.: 4		●	●	●	●
Pre-compression, fully hydraulic (automatic)		●	●	●	●
COMFORT CUT length-of-cut adjustment, infinitely variable		●	●	●	●
Chopping cylinder					
Width 910 mm		●	●	●	●
Diameter 630 mm		●	●	●	●

JAGUAR 1000		1080	1090	1100	1200
V-FLEX knife configuration					
V-FLEX 20 (2 x 10), length of cut 5 - 26.5 mm		○	○	○	○
V-FLEX 24 (2 x 12), length of cut 4 - 22 mm		○	○	○	○
V-FLEX 28 (2 x 14), length of cut 4 - 18.5 mm		○	○	○	○
V-FLEX 36 (2 x 18), length of cut 3.5 - 14.5 mm		●	●	●	●
Knife sharpening and shear bar adjustment performed automatically from operator's seat		●	●	●	●
MULTI CROP CRACKER (MCC)					
MCC XL CLASSIC fine (ø 310 mm) Principally for whole crop silage		○	○	○	○
MCC XL CLASSIC medium (ø 310 mm) Principally for LOC up to 12 mm		●	●	●	●
MCC XL CLASSIC coarse (ø 310 mm) Principally for LOC from 12 mm		○	○	○	○
MCC XL SHREDLAGE® (ø 310 mm)		○	○	○	○
Crop accelerator					
Width	mm	757			
Diameter	mm	536			
Gap adjustment	mm	0-60			
Discharge spout					
Collision protection		●	●	●	●
210° swivel angle		●	●	●	●
Swivel angle with OPTI FILL / AUTO FILL 225°		●	●	●	●
Operator assistance systems					
Joystick steering with function buttons		○	○	○	○
AUTO PILOT central sensors (maize)		○	○	○	○
CAM PILOT swath tracking guidance (grass)		○	○	○	○
GPS PILOT		○	○	○	○
DYNAMIC STEERING		○	○	○	○
STOP ROCK		●	●	●	●
QUANTIMETER		○	○	○	○
Automatic LOC control		○	○	○	○
OPTI FILL, optimised chute control		○	○	○	○
AUTO FILL, automatic trailer filling		○	○	○	○
NUTRIMETER, measurement of dry matter and constituents		○	○	○	○
CEMOS AUTO PERFORMANCE		○	○	○	○
Machine connect licence, 5 years		●	●	●	●
Job management without software		○	○	○	○
Yield mapping without software		○	○	○	○
CLAAS connect: silage additive app		●	●	●	●
CLAAS connect: kernel processing analysis application		○	○	○	○

JAGUAR 1000		1080	1090	1100	1200
Cab					
CEBIS with touchscreen		●	●	●	●
A/C MATIC air conditioning		●	●	●	●
Premium seat, ventilated, heated		○	○	○	○
Leather seat, ventilated, heated		○	○	○	○
Noise and vibration levels[1]					
Equivalent continuous A-weighted sound pressure level measured in various operating states, as per ISO 5131	dB (A)	71[1]			
Vibration total value, as per standard EN 1032:2003	m/s^2	≤ 2.5[2]			
Effective value as per standard EN 1032:2003	m/s^2	≤ 0.5[2]			
Maintenance					
Central lubrication system, 16-litre lubricant reservoir		●	●	●	●
Maintenance lighting		○	○	○	○
Dimensions and weights					
Working height w. discharge spout extension XL	mm	5474			
Transport height	mm	< 4000			
Transport height w. discharge spout extension XL	mm	3966			
Weight without front attachment with standard equipment	kg	17000			

PICK UP front attachments		3000	3800	4500	
Working width, tine to tine	mm	2620	3600	4190	
Transport width	mm	3000	4000	4550	
Length	mm	1700	1700	1700	
Height	mm	1520	1520	1520	
Permitted total weight	kg	1850	2220	2400	

ORBIS maize front attachments		9000	10500		
Working width	mm	8975	10465		
Transport width	mm	3000	3300		
Length in transport position	mm	2520	2520		
Height in working position	mm	1760	1760		
Height in transport position (with transport system)	mm	2400	2466		
Permitted total weight	kg	4400	5220		

[1] Detailed information about the values can be found in the corresponding operator's manual
[2] V-FLEX 24, front attachment drive standard, crop flow standard, discharge spout extension M, without rear ballast, diesel and urea tanks empty

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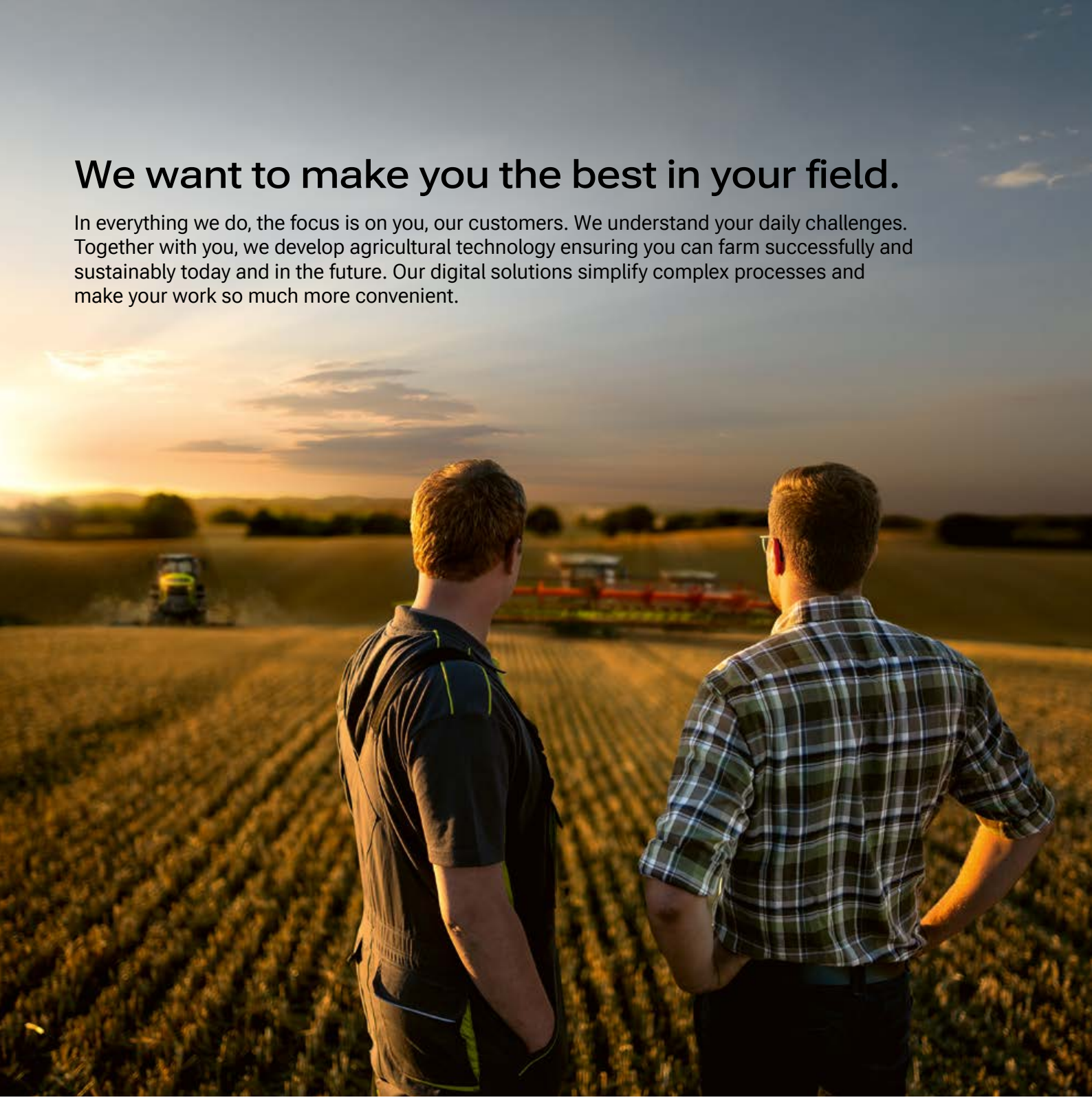

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