JAGUAR
980 970 960 950 940 930

Demand more.

Chopping counts.
The new JAGUAR.

Even excellent products can be improved.

Since its launch in 2008, the new JAGUAR has made a name for itself thanks to outstanding performance and unmatched chopping quality. CLAAS has once again proved its consistent and practical development work in the field of forage harvesters.

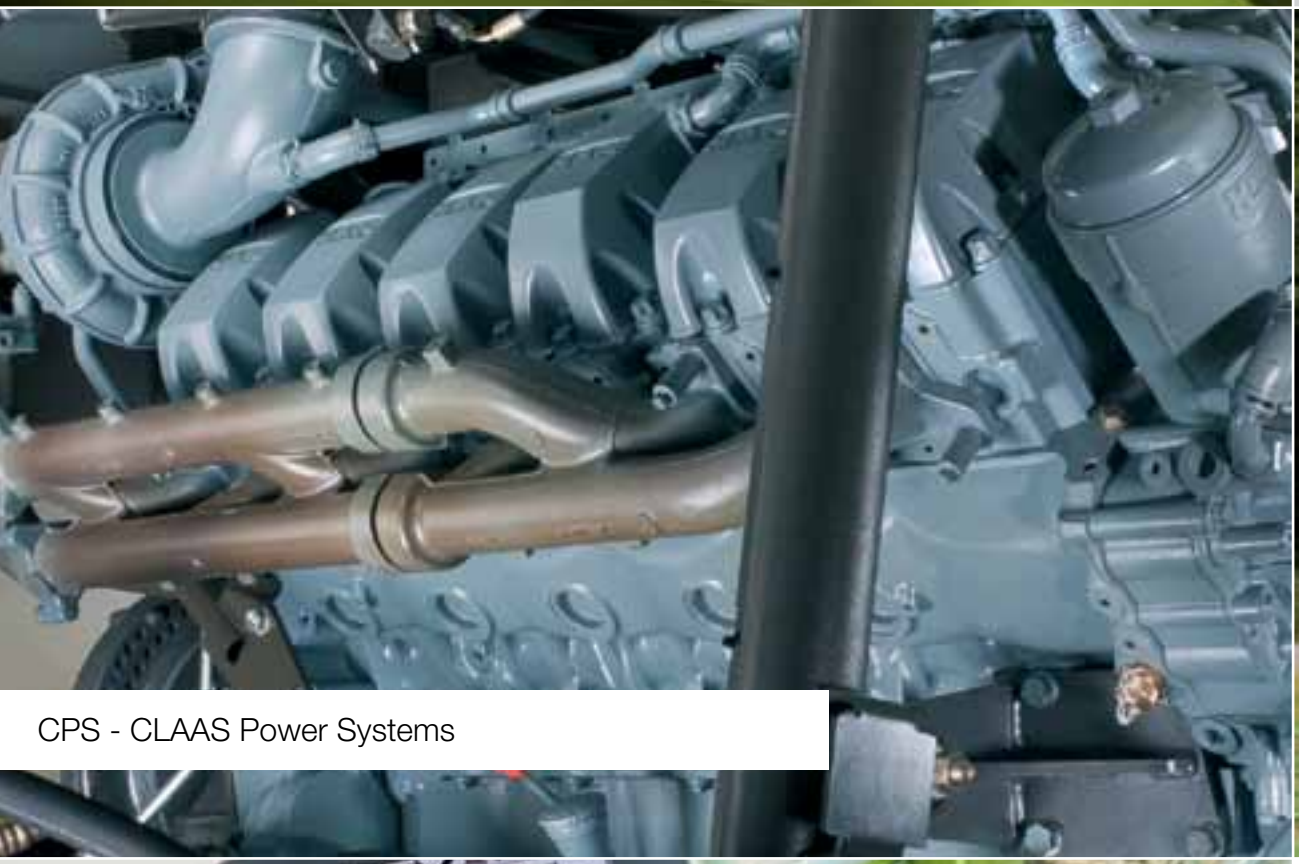
However, no matter what the result is, we always strive to improve upon it. See for yourself how we at CLAAS have met this standard: for example with a wider range of equipment, with the new intelligent engine management system, with the continuous moisture meter system, the enhanced CEBIS information and control system and with the V-MAX chopping drum.

Everything works together perfectly – and every detail helps to ensure that you get what you expect from a first-class forage harvester, whatever the field conditions: absolutely professional and highly economical chopping.

AE50 outstanding innovations

The JAGUAR has received multiple AE50 awards from the American Society of Agricultural and Biological Engineers for outstanding design and innovation.

V-MAX – the new chopping drum.



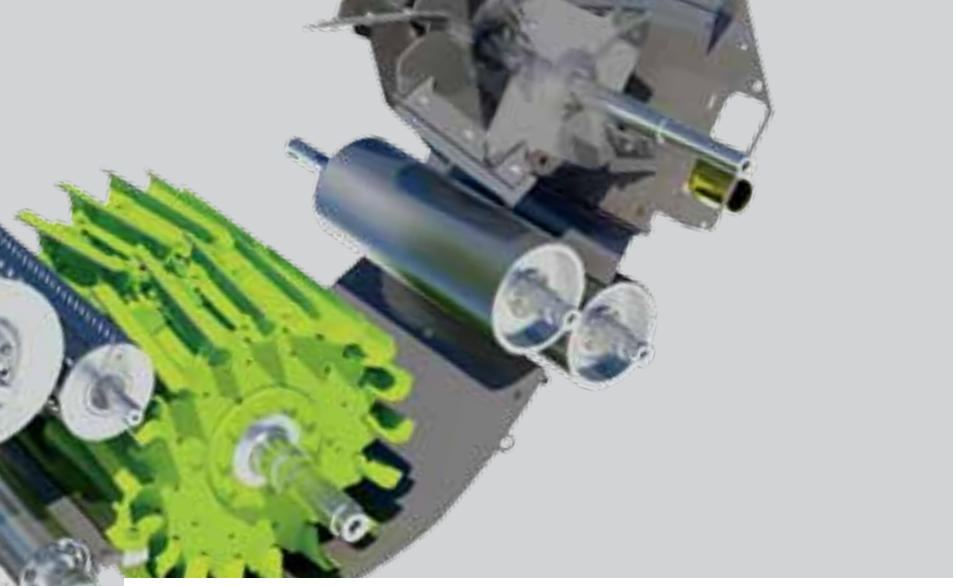
CPS - CLAAS Power Systems

CEBIS with color screen.

Go on. Go

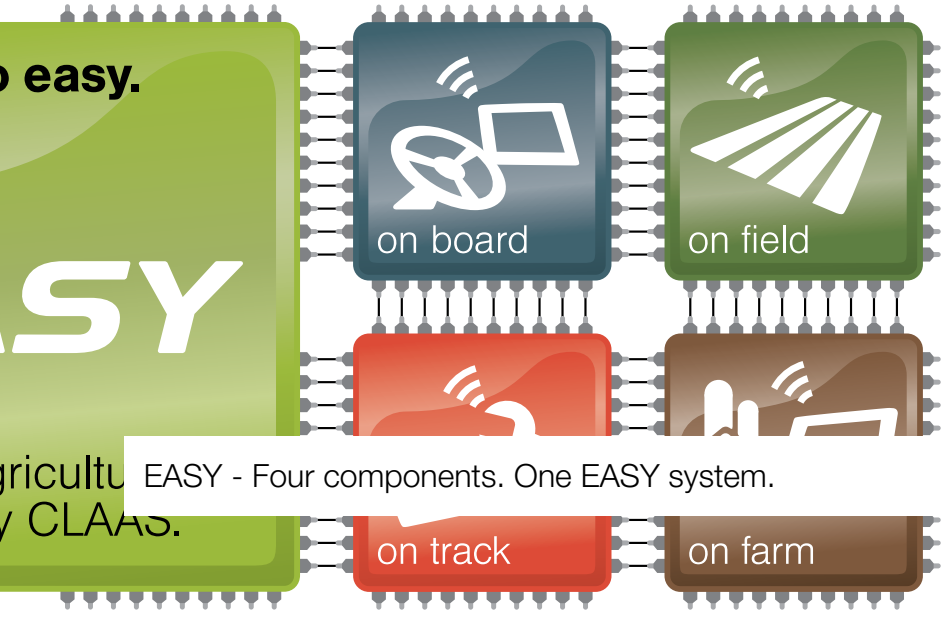
EA

Efficient Ag
Systems by



Unique CLAAS crop flow for higher throughput.

CLEVER DRIVE transmission.



EASY - Four components. One EASY system.

Contents


More
comfort.

- Spacious cab
- Excellent visibility and lighting
- Extremely low noise level
- CEBIS information and control system

Comfort

More comfort = better performance.

How is it that time flies by so quickly when you're working in a JAGUAR? The reason is that the CLAAS VISTA CAB is designed for driver comfort first. Our aim is to relieve drivers of all unnecessary strain that can drain their energy and concentration. A workday in the fields is long and demanding enough, if you can focus on what's important, you'll not only perform better, but also work more safely.

- Extremely low noise levels for an exceptionally quiet working environment.
- Unhindered maneuverability for the driver in a spacious cab.
- Excellent all-around visibility, thanks to large windows and extremely narrow pillars.
- Superb visibility even in bad weather, thanks to the large area covered by windshield wipers.
- Extremely comfortable premium air-suspension seat.
- Plenty of space for drinks: a cooler compartment is located below the comfortable folding passenger seat.
- A constant temperature and a pleasant climate: the desired temperature is maintained automatically by the air-conditioning system.
- Radio and communication devices are easy to reach.
- Easy and safe cab access.

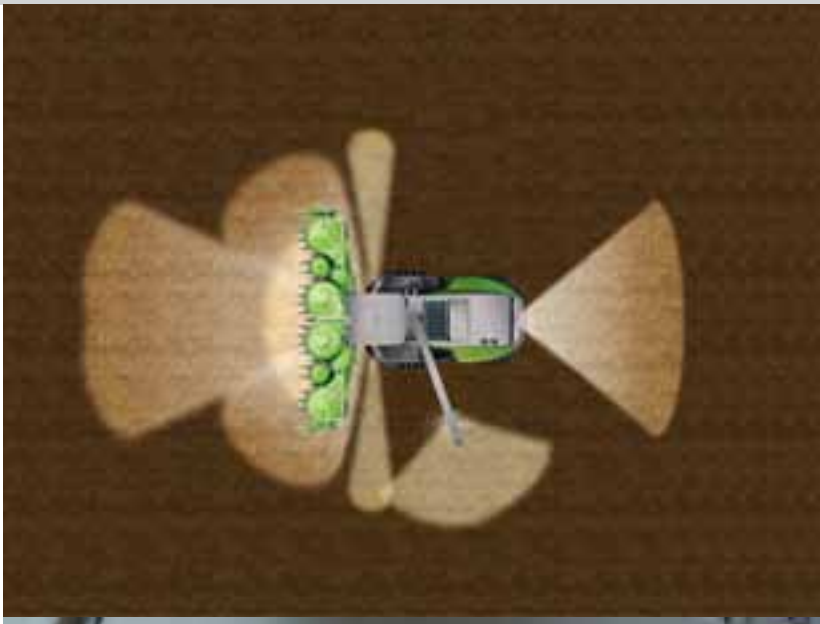
Make yourself comfortable, and let the machine make your job easier.

Plenty of light for round-the-clock visibility.

The JAGUAR's lighting system uses powerful H3, H9 and Xenon headlamps (optional) for front and side illumination, ensuring optimum visibility from dawn to after dark.

Pivoting seat (optional).

The JAGUAR can be equipped with one of two seat options: a standard seat or the optional pivoting standard seat. The pivoting standard seat is equipped with a 20° swivel mounting for the seat, providing the driver with an even better view of the working area and further reducing driver strain.



EASY. More to rely on.

The name says it all.

The combined electronics expertise of CLAAS can be summarized in a word: EASY.

That stands for Efficient Agriculture Systems, and it lives up to the name. Equipment settings, steering systems, software solutions and more: EASY makes it all simple. Your systems can be matched perfectly with each other, enabling you to get the best performance from your machines and top results for your operation.

Go on. Go easy.

Four components make one EASY concept, each providing specialist competence and together making a strong team.

- on board – Harvester control and performance optimization from the cab
- on field – Increased productivity directly in the field
- on track – Equipment monitoring and remote diagnosis
- on farm – Software solutions for your operation

- CEBIS – Get the big picture at a glance
- Yield measurement
- Data management
- Yield mapping

CLAAS TELEMATICS
- New: job monitoring online
- Operating time analysis
- CLAAS remote diagnostics

EASY
Efficient Agriculture Systems
by CLAAS

Drive the machine to the limit – with fingertip control.

CEBIS: the compact control hub.

Simple management of operation sequences is the secret behind your ability to manage the JAGUAR in all conditions. The entire control system with all the main functions is united into just a few central elements. At the heart of this ingenious design is the electronic CEBIS onboard information system, providing a logical and ergonomic interface with every conceivable detail taken into account.

Get the big picture at a glance – with CEBIS

1 Intake on
2 Intake stop and reverse
3 Spout controls
4 Header height setting
5 Automatic chute swivel
6 Spout park position
7 AUTO PILOT
8 Info button
9 Hotkey rotary switch
10 Hotkey increment control
11 ESC key
12 CEBIS rotary switch
13 CEBIS increment control

Manageable, clear, reliable.

- The clearly arranged control terminal is attached to the driver's seat, and you can adjust its position according to your preferences.
- You have an unobstructed view of the large CEBIS color monitor.
- In just a few clicks, all the functions can be accessed quickly, so you can change basic as well as more advanced settings in a flash.
- The CEBIS rotary switch is used to control the basic functions.
- The additional hotkey rotary switch allows you to control critical functions directly on screen.
- All switch functions have logical, self-explanatory icons.
- A Compact Flash Card makes data exchange particularly easy.
- The multifunction lever gives you finterip control over the driving speed and numerous other functions.

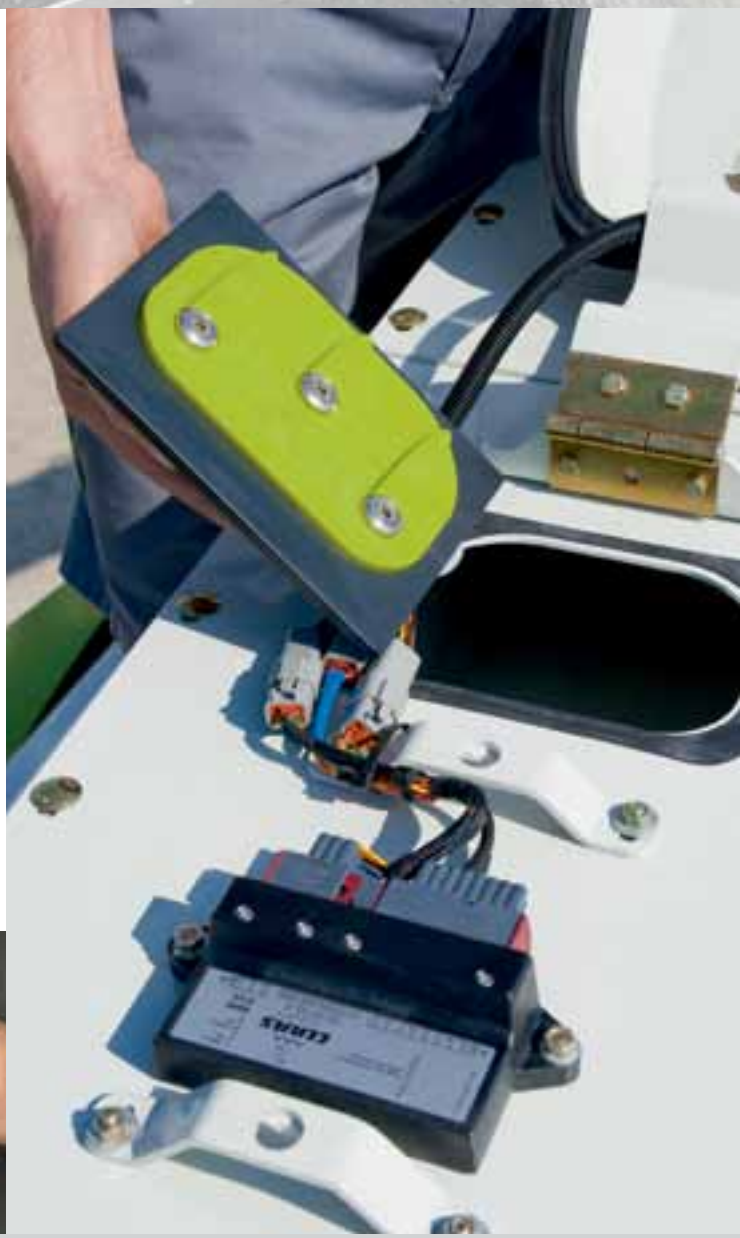
Dry matter measurement.

The continuous dry matter measurement system significantly improves the accuracy of throughput measurement using the CLAAS QUANTIMETER. The precise coordination of these systems ensures that exact data is provided on the current dry matter content and crop yield.

- The process is based on a new measurement system using multiple parameters.
- The conductivity and temperature of the crop flow are determined in the discharge spout.
- CEBIS continuously displays the current dry matter content and yield data.

Yield measurement.

The optional yield measurement system can be supplemented with the dry matter sensor. The yield measurement system records all data relating to harvest quantities, volumetric flow rate and dry matter content.



Printer optional through parts

Valuable information for greater efficiency.

New: YIELD MAPPING.

Using appropriate software such as Ag Leader desktop software, you can prepare field data, which you can then call up and process with CEBIS.

- All data is backed up when a specific task is completed or the working day comes to an end.
- The data can be printed out or transmitted by data card for work order processing.
- The data can later be accessed on the PC and reused, for example for analyzing yield maps.

New: CDS Remote Diagnostics.

With the new CLAAS CDS Remote Diagnostics, your dealer can remotely diagnose machine issues from the computer at his dealership and respond in a more timely manner. CDS Remote Diagnostics saves time and money by making sure that the right tools or the right parts are on their way the first time.

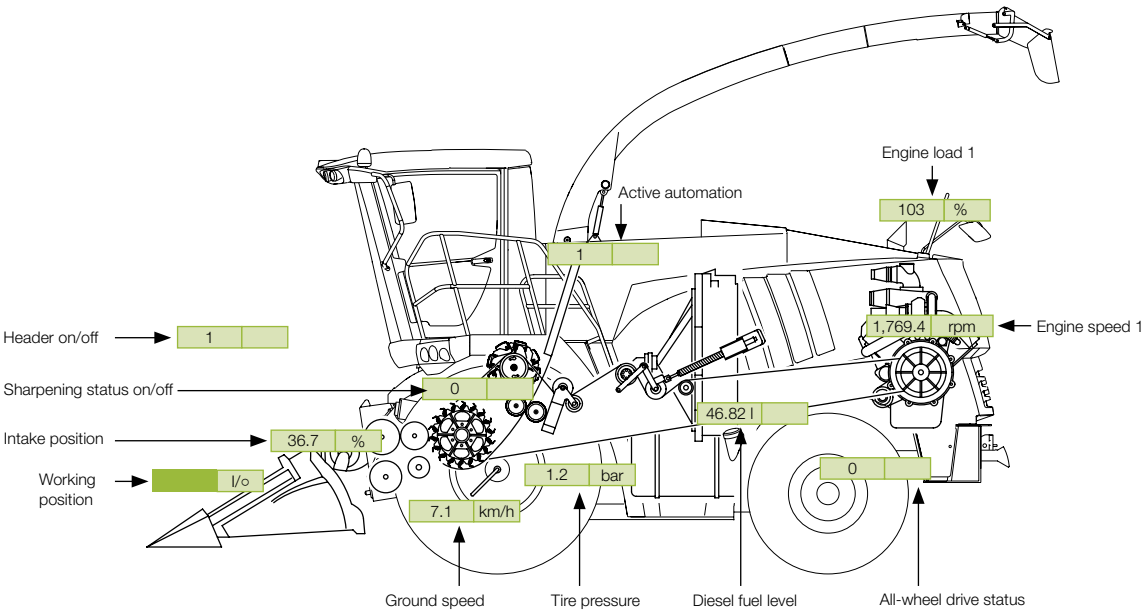
CLAAS TELEMATICS makes good operators even better.

A complete overview with just a click of the mouse.

With TELEMATICS, CLAAS lets you retrieve all of your important machine data via the Internet, anytime, anywhere – so why not benefit from CLAAS TELEMATICS yourself.

Optimize your settings.

Compare the performance and job data of your machine in real time and align them precisely with one another for a perfect result in any conditions – each and every day.



The operator, farmer and dealer service technician can all read and interpet the machine data concurrently.

Improve work processes.

A report detailing the operating hours analysis and other important machine analyses is sent to you daily by e-mail. This enables you to analyse the precise data from the previous day before starting work, and to determine when and how efficiently your machine has been operating. Additionally, machine movement can be retrieved with the event log, enhancing transport logistics. CLAAS TELEMATICS facilitates systematic fleet management, and avoids unprofitable downtime.

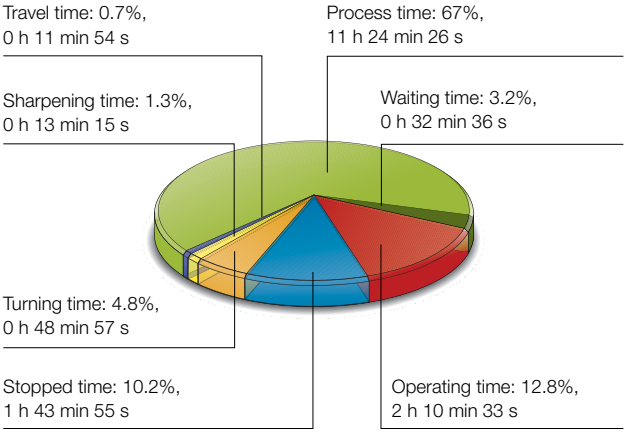
Simplify documentation.

If your JAGUAR has Yield Measuring, the completed field records or jobs can be downloaded from the chopper using TELEMATICS. This data can be used to create yield maps, invoice customers, or for USDA documentation.

Reduce service time.

With CDS Remote Diagnostics (included with your CLAAS TELEMATICS license or available as a standalone feature), you can transmit maintenance and repair data to your CLAAS dealer. This enables your CLAAS dealer to carry out an initial analysis via remote diagnostics when required, to find the causes of faults more quickly and to make optimum preparations to assist you on site as quickly as possible.

Operating time analysis.



The location and tracks of the machines are shown against the background of satellite photos from Google™ Earth.

CPS - CLAAS Power Systems.

Optimal drive for best results.

Equipment development at CLAAS is an ongoing effort to achieve greater efficiency and reliability as well as optimizing profitability in the field.

This applies to all CLAAS harvesting products. The drive system is of utmost importance, and it requires much more than just a powerful engine.

With CLAAS Power Systems (CPS), we bring together the best components into a drive system in a class all its own, one that delivers the greatest power when it's needed.

With the new exhaust technology, the JAGUAR is equipped to output over 884 hp with just one engine.

CPS | CLAAS POWER SYSTEMS

CLAAS POWER SYSTEMS

JAGUAR power.

CPS - CLAAS Power System.

CLAAS Power System offers you the best overall engine concept in the market. These engines offer the highest efficiency in the market.

The new performance concept for the JAGUAR series is offered by Mercedes Benz and MAN, with the massive MAN V12 offered in the JAGUAR 980 and a V8 MAN engine in the JAGUAR 970 models. The quiet running and trademark efficiency set these engines apart from others in their horsepower range.

JAGUAR models 960 to 930 are equipped with Mercedes-Benz V8 OM 502 and R6 OM 460 engines. Mercedes offers the best performance in its class for JAGUAR. In order for engines under 560 KW to become compliant with the Tier 4 emission standards, a SCR (Selective Catalytic Reduction) system is integrated. The DEF for the process is stored in a 30 gallon tank, which needs refilling after approximately every second diesel refueling, and can easily be filled from ground-level.

JAGUAR	Engine	Type	HP*
JAGUAR 980	V12 T2 MAN	D 2662	884
JAGUAR 970	V8 T2 MAN	D 2868	775
JAGUAR 960	V8 T4 MB SCR	OM 502	653
JAGUAR 950	V8 T4 MB SCR	OM 502	600
JAGUAR 940	V8 T4 MB SCR	OM 502	510
JAGUAR 930	R6 T4 MB SCR	OM 460	455

*output according to ECE R120 at 1800 rpm

All JAGUAR engines are mounted to the vibration damped chassis.
For high reliability and long service life, the JAGUAR is equipped with a large-scale cooling system, dual air filter system (930 single) and the 356 gal (980 + 970) large diesel tank (317 gal 960-930).
All engines are equipped with a reliable 24 volt starter, the electrical system of the machine is supplied with 12 volts.

The JAGUAR engines are characterized by:
- Stable power output torque
- Very economical diesel consumption gal / t
- High reliability
- Very good accessibility
- Long maintenance intervals

Power when you need it.
Fuel savings when you don't.
CLAAS DYNAMIC POWER

Only as much power as necessary.

CLAAS DYNAMIC POWER automatically adjusts the output power of the engine to the current needs and demands of the fieldwork, depending on the service conditions.

When the full power of your JAGUAR engine is not being utilized, i.e. with a rather thin windrow, the engine is dynamically adapted to meet the power needs. The optimum engine performance of JAGUAR is reached at 1800 rpm, but CLAAS DYNAMIC POWER recognizes the partial load and adjusts the engine power up to 10 power levels. Consequently, CLAAS DYNAMIC POWER always automatically adjusts for optimum horsepower range.

Harvesting with dynamic cruise control.

CLAAS DYNAMIC POWER is a fuel-savings program that provides on-demand horsepower that allows maximum efficiency and throughput at full load and an automatic reduction of fuel consumtion when at partial load.

At each of the ten available incremental steps, the JAGUAR will only run at the horsepower needed for the demand of the engine load. When running at a lower horsepower, the engine will consume less fuel and thus use less fuel per ton of crop harvested.

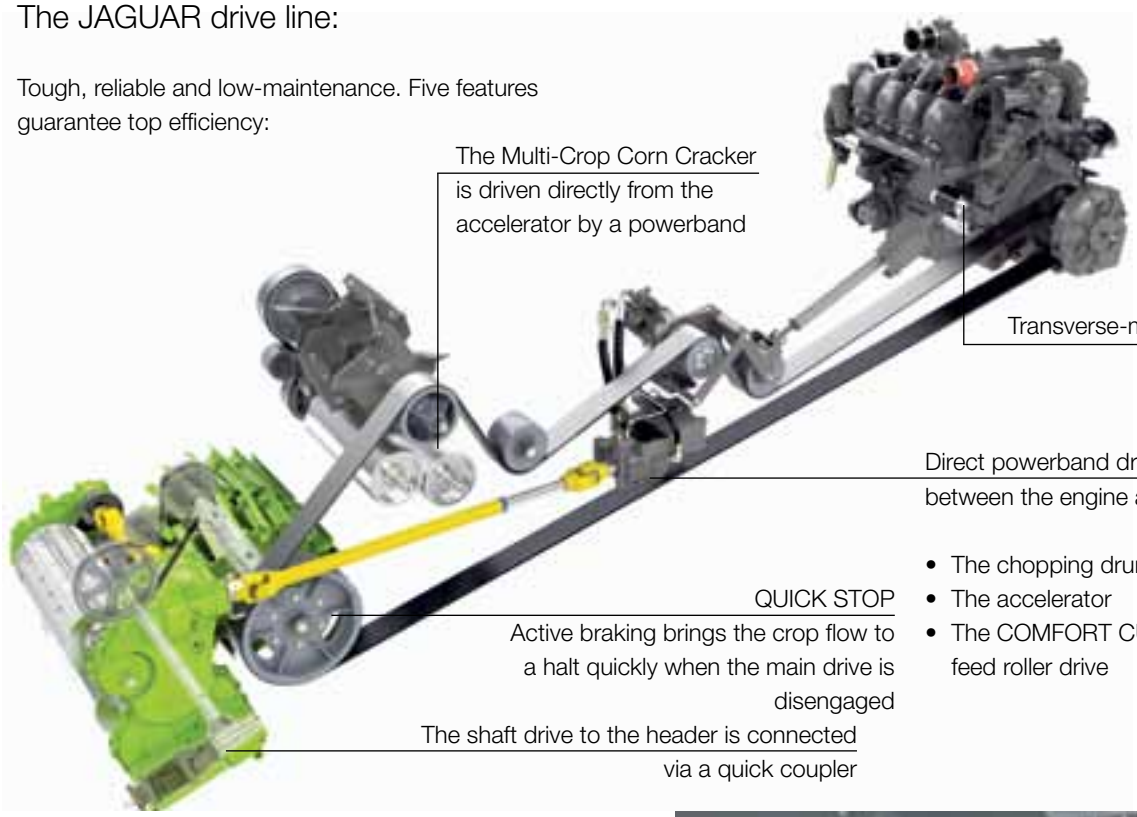
	CLAAS Dynamic Power Steps										
	10	9	8	7	6	5	4	3	2	1	engine output (in hp)
JAGUAR 980	884	823	762	700	639	578	517	456	394	333	
JAGUAR 970	775	725	674	625	574	524	473	425	376	322	
JAGUAR 960	653	615	577	539	501	463	424	386	348	310	

CLAAS DYNAMIC POWER for example, in the JAGUAR 980.

	CLAAS DYNAMIC POWER STEPS	with CLAAS DYNAMIC POWER hp	wthout CLAAS DYNAMIC POWER hp	with CLAAS DYNAMIC POWER fuel efficiency	wthout CLAAS DYNAMIC POWER fuel efficiency
	**10** 9 8	884 hp @ 1800 rpm	884 hp @ 1800 rpm	.13 gal/ton	.13 gal/ton
	7 6 **5**	578 hp @ 1800 rpm	884 hp @ 1900 rpm	.13 gal/ton	.16 gal/ton
	4				
	3 2 **1**	333 hp @ 1800 rpm	884 hp @ 2000 rpm	.13 gal/ton	.19 gal/ton

The JAGUAR drive line:

Tough, reliable and low-maintenance. Five features guarantee top efficiency:



Proven, advanced technology.

The JAGUAR power flow is quite simply the most efficient design on the market. The chopping mechanism is driven directly from the engine's crankshaft via a long, maintenance-free powerband. This design is still unmatched even today, many years after it was developed: in addition to its extreme durability, it is distinguished in particular by its efficient long life and low maintenance requirements.

How to get the highest efficiency out of a proven drive concept.

Straightforward and convenient.

- The precompression roller drive is integrated into the main drive line.
- Thanks to COMFORT CUT, the infinitely variable precompression system, the driver can adjust chop length from inside the cab while the machine is moving.
- The intake is designed for maximum reliability and a long service life, with rugged drives, large bearings and gears.
- Headers are fixed to the JAGUAR by a quick-connect coupler and are mechanically driven – when it comes to quick and convenient mounting and removal of the headers with minimum fuss, the CLAAS design is second to none.

Maximum throughput combined with low power requirement.

- Enlarged intake opening.
- V-MAX knife drum.
- Extra-large Multi-Crop Cracker rollers.
- Easy setting of the accelerator clearance from the cab.
- Tire pressure control system.
- All-wheel drive with mechanical disengagement.
- Transverse-mounted engine, direct drive of the chopping assembly.

High throughput – low fuel consumption.

As good as you remember. Or better.

The JAGUAR drive system with the highest efficiency in market comparisons believes in its simplicity. The forage harvesters component are driven by a maintenance-free, long power belt directly from the main clutch of the engine. A concept that keeps for many years after its development, its lead.

As simple as it is convenient.

Hydraulically, the main drive belt is tensioned when the engine is running.
The perfect belt tension is responsible for maintenance-free and safe driving when the main coupling is switched on. The COMFORT CUT feeder drive is integrated into the main drive. This guarantees consistent cutting length even with fluctuations in speed or other crop conditions. For optimal efficiency, the header is mechanically driven and easily connected with a quick coupler.

Extreme reliability, tremendous endurance and long life characterizes the drive system of the JAGUAR.

Variable crop acceleration.

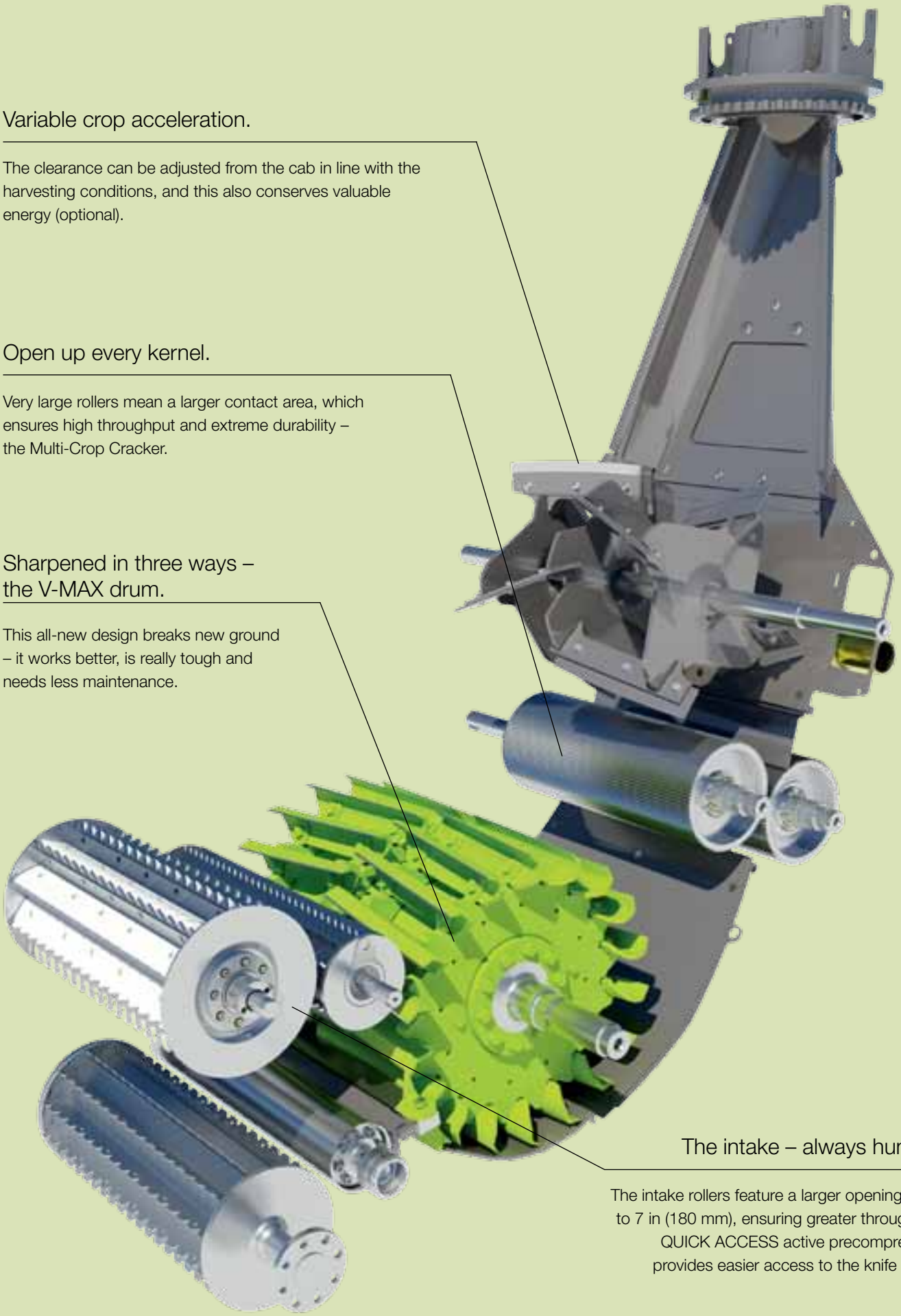
The clearance can be adjusted from the cab in line with the harvesting conditions, and this also conserves valuable energy (optional).

Open up every kernel.

Very large rollers mean a larger contact area, which ensures high throughput and extreme durability – the Multi-Crop Cracker.

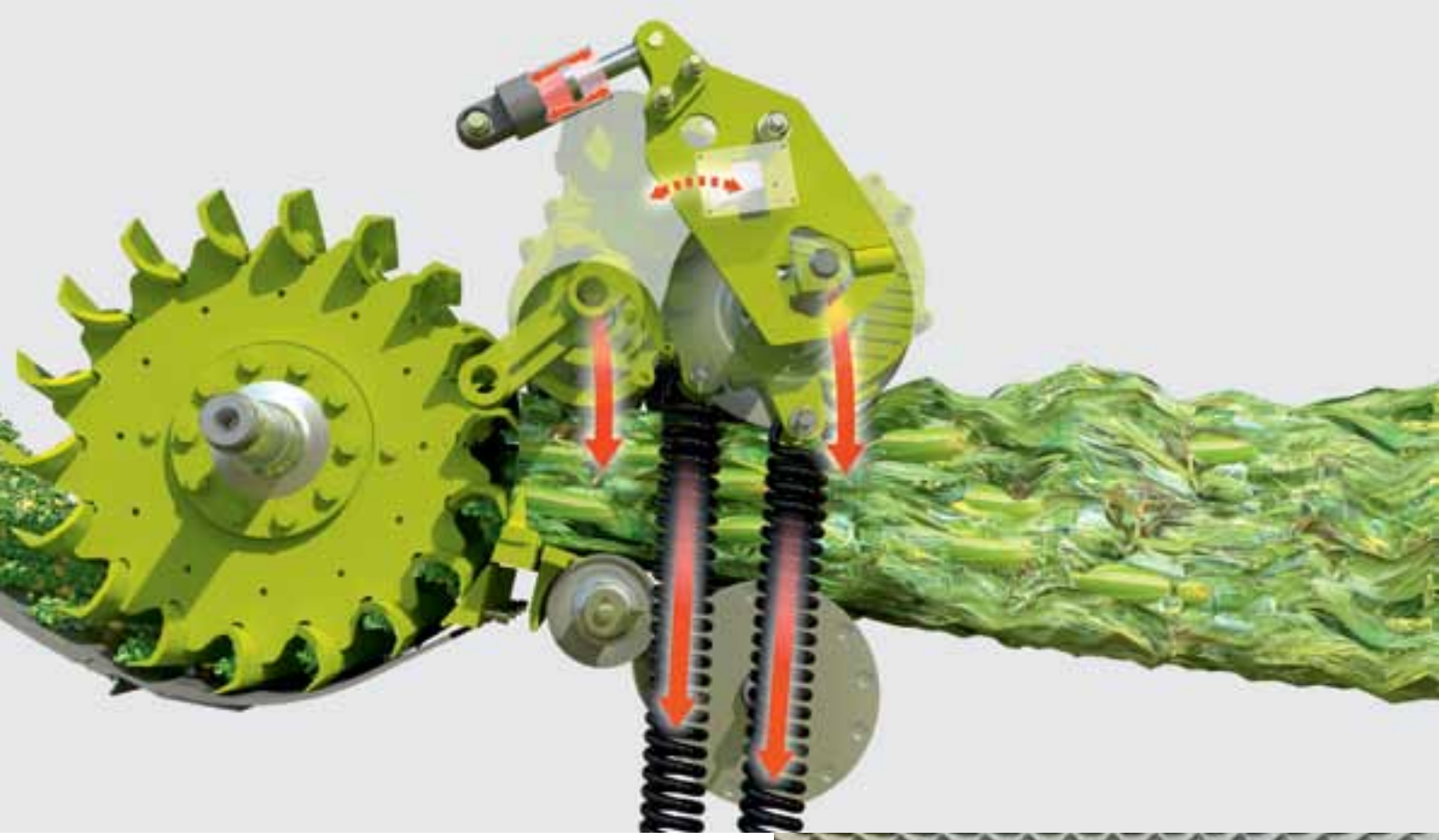
Sharpened in three ways – the V-MAX drum.

This all-new design breaks new ground – it works better, is really tough and needs less maintenance.



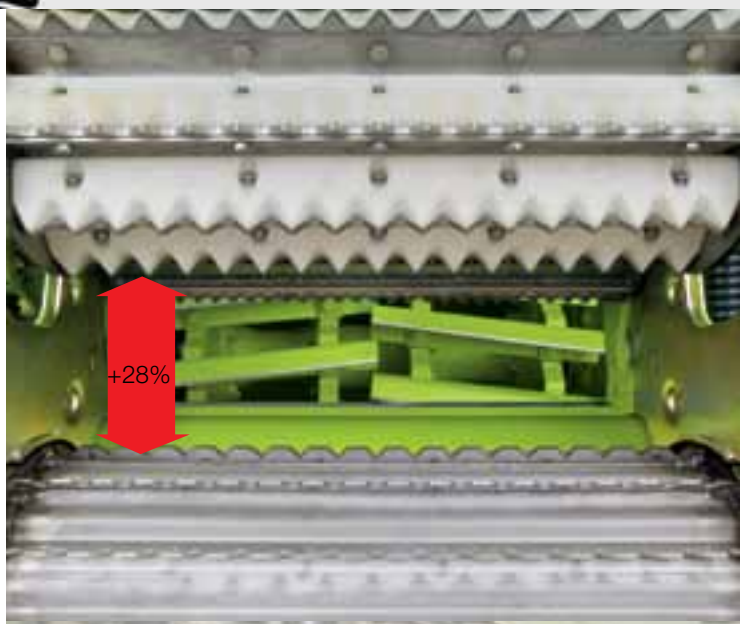
The intake – always hungry.

The intake rollers feature a larger opening of up to 7 in (180 mm), ensuring greater throughput. QUICK ACCESS active precompression provides easier access to the knife drum.



The intake – always hungry.

Strong and precise precompression is crucial for achieving huge throughputs. The precompression rollers on the JAGUAR can be pushed open by up to 7 in (180 mm), creating a massive intake opening.



Active precompression.

A damper in the form of a hydraulic cylinder is a new addition to the precompression procedure, designed to maintain the even distribution of precompression forces on the upper intake rollers, optimising the efficiency of the overall process. If, for instance, the forward roller is suddenly put out of alignment by an uneven crop feed (windrow form), the damper counteracts the deflecting forces on the basis of its reduced oil compensation level. As a result, maximum precompression force is concentrated at this point, facilitating a more even and gentler crop flow to the knife drum. The crop flow is subject to more intensive precompression, ensuring outstanding chop quality. Fluctuations in the power requirement at the knife drum are prevented, and the JAGUAR can be continuously driven to its limits, regardless of the chop length.

Typical JAGUAR features – a huge appetite and a quick reaction time.

The detectors miss nothing.

Having a powerful and robust intake is only part of the story – it's also highly sensitive to foreign objects, thanks to the built-in detectors. With its five magnets, the metal detector protects the JAGUAR against magnetic objects. The detection sensitivity can be adjusted individually, and a pinpointing indication on the CEBIS monitor makes it easier to determine where the object is located.

Additional protection for your JAGUAR: the CLAAS STOP ROCK stone detector (optional through CLAAS Parts) shuts down the intake immediately when it detects a rock. What's more, the sensitivity of STOP ROCK can be easily adjusted via CEBIS.

The wear-free, quick-intake roller and header brake works efficiently even when the intake is operating at full speed, enabling the driver to work with confidence.

DIRECT STOP.

When the metal detector or STOP ROCK are activated, the JAGUAR automatically comes to a stop. This quick response prevents the crop from piling up, and you're on your way much faster once the foreign object has been located and removed.

DIRECT STOP 0 km/h

CLAAS PREMIUM LINE Parts – MAD JAG is all you need to know.

CLAAS PREMIUM LINE Parts.

CLAAS is pleased to offer highly wear-resistant parts to stand up to the toughest conditions - available factory-installed (optional) or through CLAAS Parts.

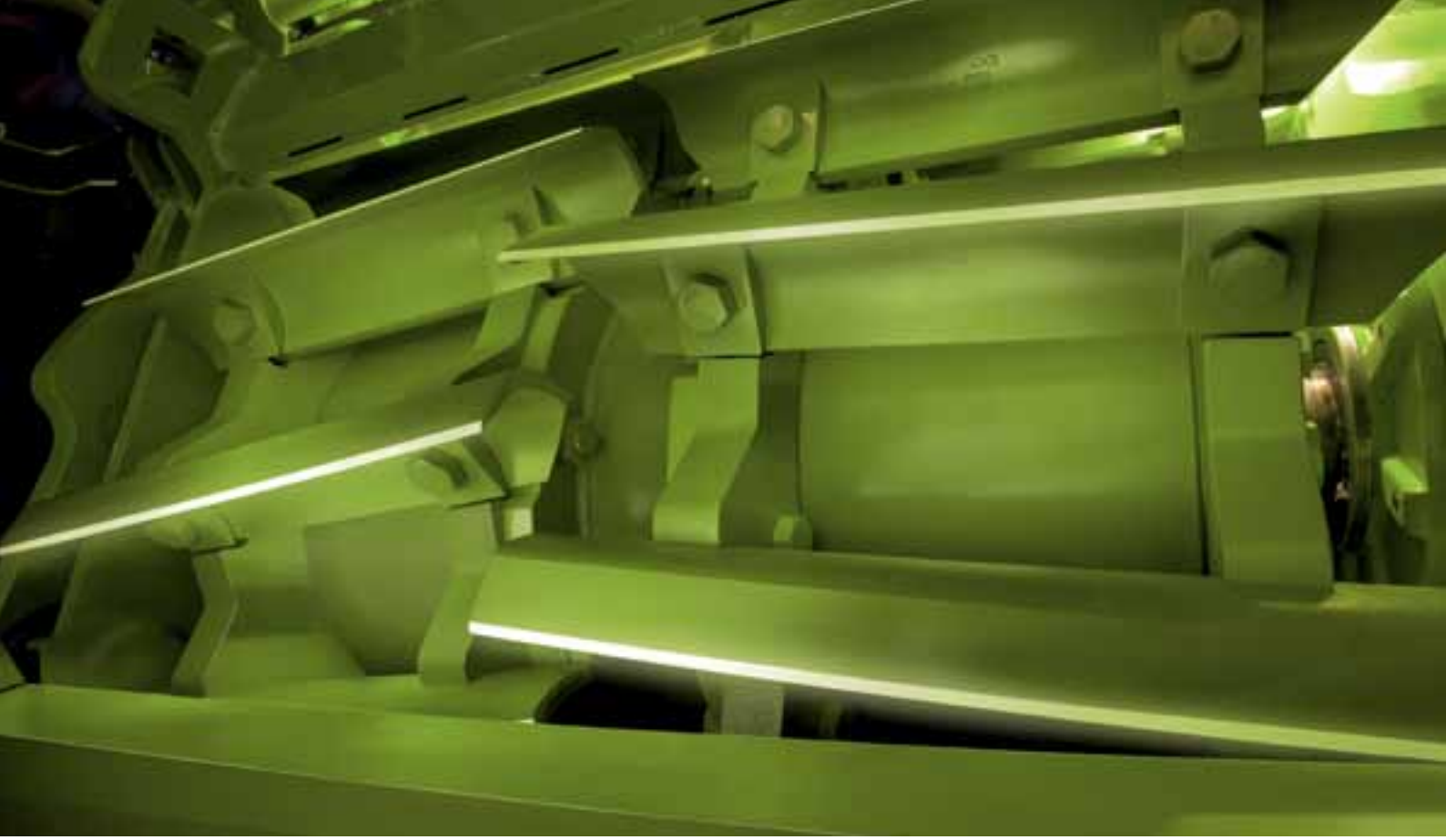
- Extremely long wear life and optimum performance in tough crop conditions.
- Allows for higher throughput in adverse soil conditions.
- Enhanced cost-efficiency due to longer service intervals.
- Higher resistance to wear and corrosion.
- Fewer replacement intervals to save both time and money.
- Lower friction resistance for faster crop flow.
- Supported by and available through your authorized CLAAS dealer.

QUICK ACCESS – the name says it all.

QUICK ACCESS.

The QUICK ACCESS function means exactly what it says – its job is simply to give you quick access to the knife drum.

- The intake opening mechanism has been simplified, with unequalled ease of access to the drum.
- Quick access to the knife drum and shear bar via the familiar V-opening has been made even easier.
- The side-hinged opening gives you all-round access to the knife drum. Simply drop off the header, and then swing the entire intake housing to one side.
- More convenient maintenance, with shorter set-up times.

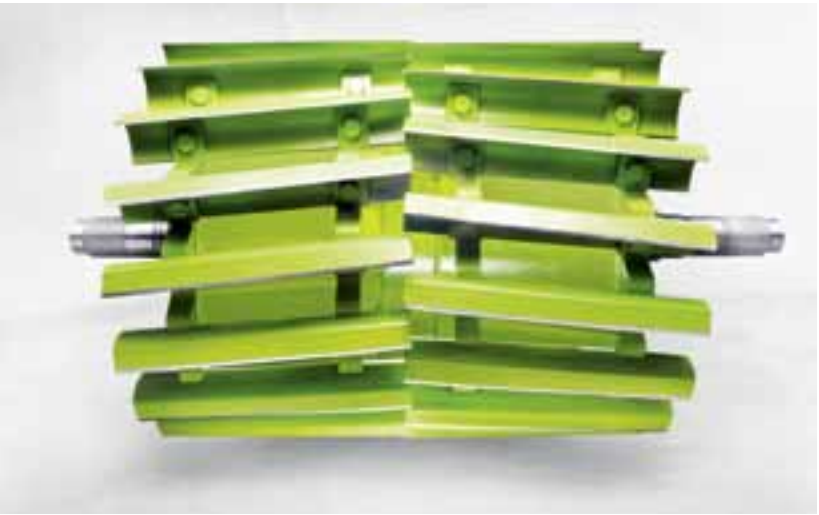


More than razor-sharp.

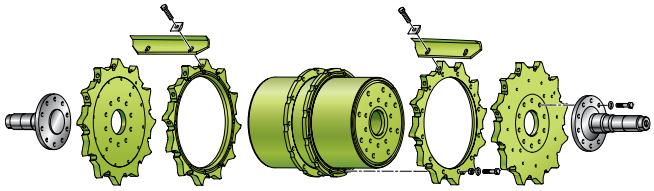
More knives, improved chopping quality, higher throughput, easier setup, easier maintenance, greater precision, enhanced safety – when CLAAS decides to completely update its existing excellent knife drum, you can expect real benefits. The result: the new V-MAX drum, with a chevron blade configuration, and throughputs which are the envy of the industry.

The new JAGUAR V-MAX drum, sharpened up in three ways: improved chop, rock-solid design and reduced maintenance.

- When armed with 24 standard knives, you get finest chopping results, plus an extremely smooth, power-saving action.
- Vary the number of knives and you can cover a wide range of chop lengths from 3.5 mm to 37 mm.
- Flexible for different markets with four drum variants (optional through CLAAS Parts) in the new V MAX design: V36 / V28 / V20.
- Solid as a rock: with the new knife shape and mounting, the chopping forces are taken up directly from the star-shaped drum.
- Easy to fit: each knife is fixed to the star-shaped drum by just two bolts.
- 50-percent time saving when changing knives.
- The new knife shape and open drum housing enhance the crop ejection and speed up the flow. This cuts the power requirement of the chopping drum to a minimum.
- Thanks to the new blade design, realignment is a thing of the past.



Variable knife configurations made easy.



The market leader with a powerful V-MAX bite.

- Added safety with QUICK STOP: when the main drive is switched off, the entire chopping unit is stopped and the machine comes to a standstill almost immediately.
- The number of sharpening cycles is increased, thanks to a larger grindstone: the stone needs to be changed only when the knives are replaced.
- The sharpening process and the shear-bar adjustment are carried out with the drum running forwards, directly from the cab.

The Multi-Crop Cracker – for forage quality you can be proud of.

Larger, stronger, faster.

Remove the grass chute, insert the Multi-Crop Cracker, fit the drive belt and away you go – a modular quick change of the kind that only sophisticated CLAAS technology can deliver. You save time and enhance the quality of the harvest: the JAGUAR's new, enlarged corn cracker breaks up the kernels perfectly and has an impressively long service life.

The new Multi-Crop Cracker offers a gap adjustment with a bigger hydraulic cylinder, as well as a built-in tool that can be used for detentioning the spring load on the front roller, which makes the removal of the front roller quick and easy.

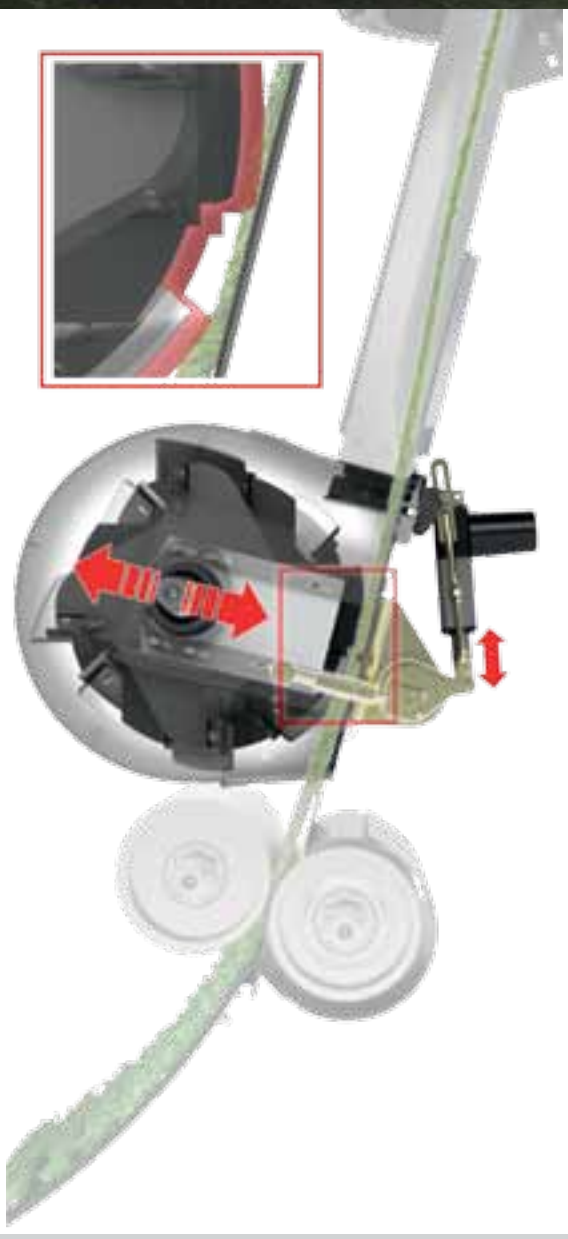
Outstanding features.

- The new Multi-Crop Cracker is extra large for handling huge volumes.
- A roller diameter of 9.8 in (250 mm) increases the contact area with the crop.
- Hard-chrome-plated rollers ensure a long service life with minimum wear.
- Largest possible bearings for long wear life.
- Superior sealing to keep moisture inside corn cracker.
- The kernels are broken up reliably, regardless of throughput.
- The Multi-Crop Cracker roller spacing can be adjusted manually or electronically via CEBIS.
- The rear roller is fixed, and the front roller is now moveable to lessen vibration and absorb slugs better.
- Quick-opening frame hinged in place with 2 quick clamps.

Accelerator with flexible output settings.

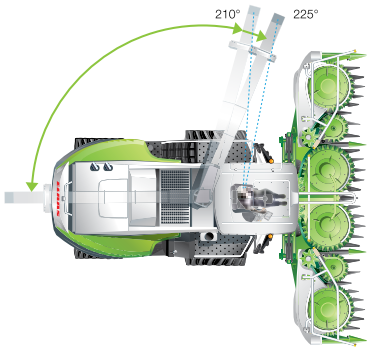
You can increase the discharging efficiency with the variable accelerator setting:

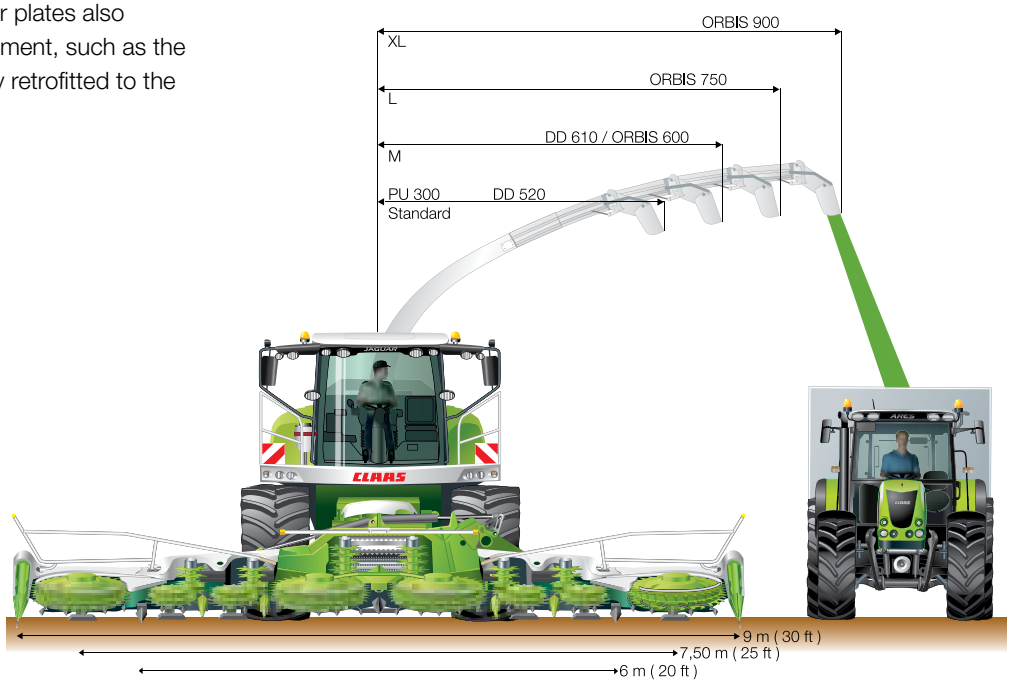
- The clearance between the accelerator and the rear housing can be adjusted during operation.
- When the chopped material doesn't require a huge air blast, simply increase the gap – this reduces the power requirement, and also wear and tear.
- For higher discharge rates, reduce the clearance to a minimum.
- You can control and set everything easily in the cab via CEBIS.



New discharge chute.

The new discharge chute design combines very high stability with a low weight. The highly concentrated crop stream can be directed more reliably, minimising wasteful losses. A modular construction enables the system to be rapidly adjusted to different working widths. With three extensions, M / L / XL, perfect operation is assured up to a working width of 30 ft. The back of the discharge chute is entirely bolted, which means that the rear plates also function as wear plates. Additional equipment, such as the PROFI CAM chute camera, can be easily retrofitted to the exterior surfaces.





Improved visibility, easier loading, smoother swivelling.

The CLAAS OPTI FILL discharge chute control simplifies handling, while the CLAAS TELE CAM improves the view.

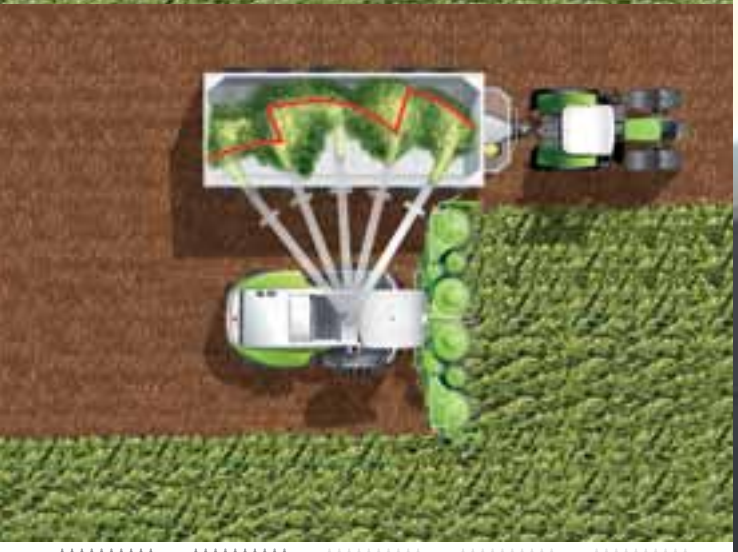
OPTI FILL makes operation for the driver easier than ever before.

- The pivoting range has been increased to 225°, for a clear view of the crop-discharging process.
- The simple, automatic parallel guidance makes filling easier. When pivoting, the spout flap shifts parallel to the direction of travel.
- With the automatic spout swivel function, you can save two final discharge positions which can be called up any time at the touch of a button.
- The spout returns to its park position automatically.

CLAAS TELE CAM.

- The audiovisual transmission enables the forage harvester driver and the tractor driver alongside to see the same view on the screen, making the loading operation easier and more reliable.

Straightforward chute control.



EASY | on board | on field | on track | on farm

Using additives to enhance silage quality.

Applying silage additives while chopping has become a standard service offered by professional contractors. The JAGUAR has everything you need to provide your customers with the highest-quality silage.

- The ready-mixed additive is injected directly into the discharge accelerator.
- A display keeps the driver informed about consumption.
- When combined with the YIELD METER, the amount of additive applied is automatically matched to the actual throughput.

Silage additive systems: the throughput determines the required quantity.

We have the right system for every operation.

- The built-in additive tank has a capacity of 71 gal (270 l), and the amount applied is controlled using CEBIS.
- ACTISILER 20: separate 5 gal (20 l) tank for the highly concentrated lactic acid bacteria solution.

Exact application of additives with ACTISILER 20.

There is currently a trend towards reduced application rates and higher concentrations. The new, optional ACTISILER 20 has been designed specifically to achieve this high-precision task with a precisely metered quantity of concentrated lactic acid bacteria solution. The control of the dosage, the record of how much you apply and the monitoring functions are all easily managed using CEBIS.

CLEVER DRIVE – safe on the road, gentle on the field.

This new transmission design can distinguish between roads and fields.

CLAAS set its sights very high when it came to developing a new transmission for the JAGUAR. The focus was on safer road travel, despite higher speeds, and improved traction in the fields with minimised ground pressure. The result was the CLEVER DRIVE, and it more than lives up to its name.

- The new axle geometry is the most visible feature: the front axle has been moved forward as close as possible to the header, while the engine has been positioned as far back as possible.
- This leads to improved weight distribution and reduces the need for rear counterweights.
- The result is a reduced overall weight of the JAGUAR.
- This means you save plenty of fuel, since the lower weight cuts down the power needed for the drive.
- Extra-large tires for both front and rear axles.
- The new front axle can carry heavy loads.
- Innovative, automatic tire-pressure control system for the front tires. (optional)

Improved operating comfort with CLAAS cruise control.

A rugged transmission with unrivalled driving characteristics.

You'll enjoy the same level of comfort with the JAGUAR as you would in a passenger car with an automatic gearbox – and it has enormous power reserves too. When running at top speed on the road, the engine speed is reduced – a feature aimed at reducing fuel consumption and noise. The electronic transmission control automatically regulates the engine speed, matching it precisely to the required performance level.

- Shifting between the two mechanical speed ranges is accomplished with an electrohydraulic control.
- Cruise control: at the press of a button, you resume the precise speed you set, for example after turning at headlands.
- Maintenance-free, wet multi-disc brakes.
- For parking, simply activate the spring-loaded brake system electrohydraulically, using a switch.

Exclusive to forage harvesters – tire pressure adjustment at the touch of a button.

If it starts raining or the ground traction is poor, you can react by adjusting the pressure of the large-volume front tires.

- You can easily adapt to difficult operating conditions and harvest with maximum traction, while still being gentle on the soil.
- Switching between the preset road and field tire pressures is easily done at the press of a button.
- Enjoy considerably enhanced ride comfort by running the JAGUAR with low tire pressures in the field.

All the traction you could ask for.

Nothing can stop your progress with the new 4-wheel drive system.

- Additional traction is provided by a second hydrostatic drive on the rear axle.
- All-wheel drive with intelligent control technology in first and second gear up to 12 mph (20 km/h) can be activated while you're under way.
- Immense torque up to 147 kN, equivalent to 14 tons of pulling power.
- Full tractive force, even while cornering with equalization of all wheels.
- Very gentle on the field – the rear axle doesn't run faster than the front.
- Traction trimming between the front and rear axle.
- Return to normal two-wheel drive by disengaging the extra drive mechanically.

Tractive power

9 tons of tractive power without all-wheel drive

9 tons of tractive power without all-wheel drive, plus added traction with variable tire pressure control

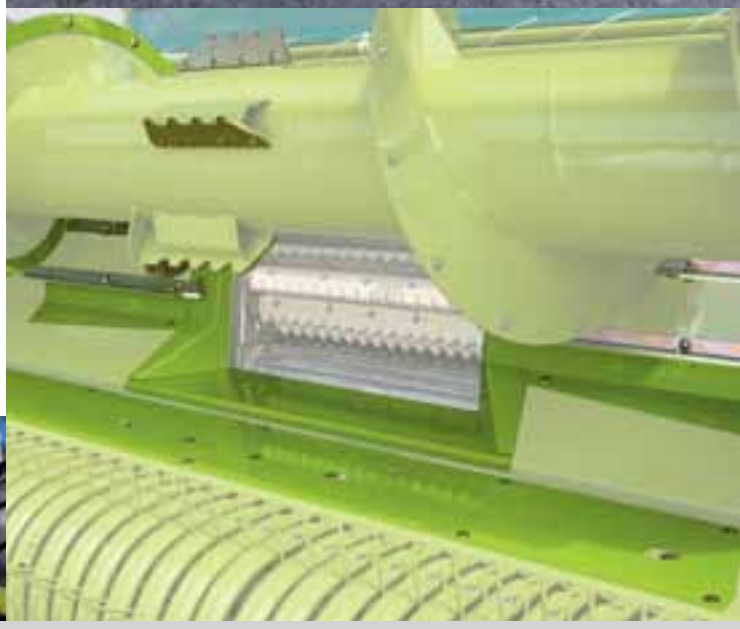
14 tons of tractive power with all-wheel drive, plus added traction with variable tire pressure control

More applications.

- Windrow clearance with the PICK UP
- Whole-plant cutting with DIRECT DISC
- Corn harvesting with ORBIS

Versatility

- Small-diameter rake with five rows of tines for perfect crop intake.
- Large auger diameter designed to transfer the crop quickly, whatever the crop density.
- Rugged drive line with easy-to-operate, two-speed gearbox.
- Designed with extremely high acreages in mind, the wear parts are easy to replace.
- Excellent ground-contour following is achieved with a swivelling frame and castor guide wheels, which are set without tools.
- The headers can be easily attached to and removed from the JAGUAR by a quick-connect coupler and central locking lever on the left-hand side.
- Replaceable wear plates (available through CLAAS Parts) for auger and trough.



New PICK UP range.

Ever-increasing yields and more powerful forage harvesters make sense only if the crop can be taken up cleanly and the design is both robust and easy to operate. The new PICK UP 300 PRO and PICK UP 380 PRO with working widths of 10 ft (3 m) and 12.5 ft (3.8 m), respectively, meet these requirements with a wealth of new features.

Excellent accessibility makes it easier to locate foreign objects.

No need for a break.

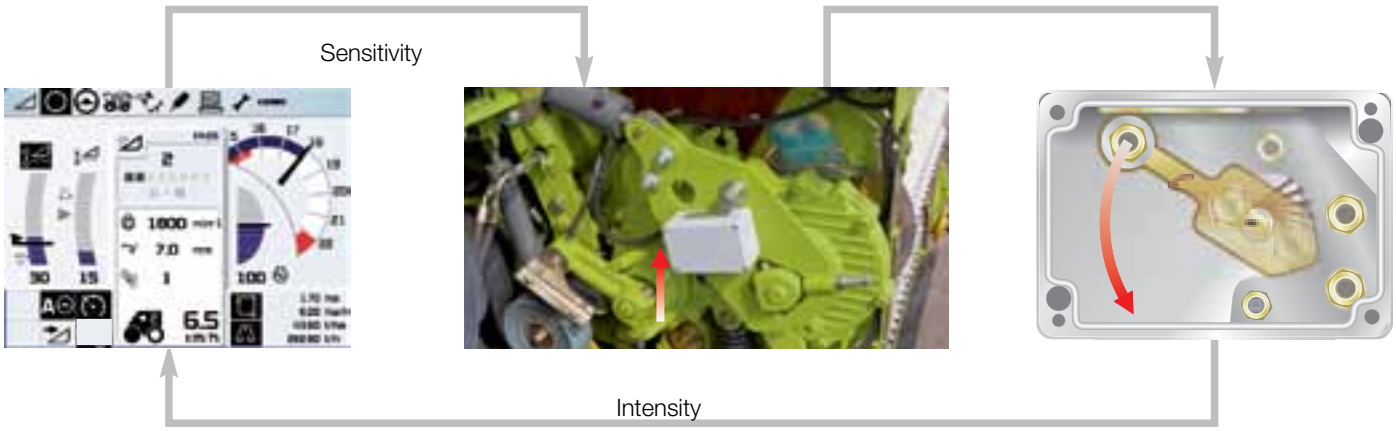
The best-possible support for focused drivers.

The CLAAS CAM PILOT helps you harvest with fewer losses.

The new CLAAS CAM PILOT assumes the task of steering the new-generation JAGUAR when the pick-up is fitted, which means that working speeds of up to 10 mph (15 km/h) can be achieved without fatigue. What's more, the driver can focus more fully on filling up the trailer without crop losses. The CAM PILOT detects the windrows in three dimensions and automatically initiates the appropriate steering correction. The CAM PILOT is also activated in the usual way by hitting the AUTO PILOT button, and is deactivated again whenever the steering wheel is turned.

STOP ROCK.

An additional safety feature for your JAGUAR: the CLAAS STOP ROCK stone detector shuts down the intake immediately if a stone is detected in the windrow. The STOP ROCK's sensitivity can easily be adjusted via CEBIS.



Excellent machine protection.

Whole-crop harvesting with the DIRECT DISC 610 or 520.

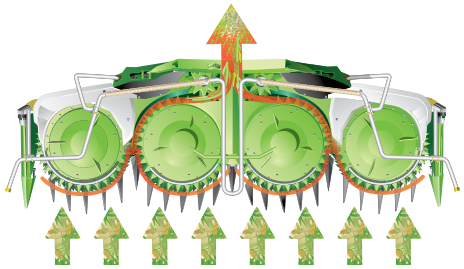
Whether you're intending to use partially ripe plants for high-grade animal feed or as biomass for energy production, this header means you can mow and chop in a single pass.

The crop is first cut by the disc mower, after which it is fed directly to the intake auger via a paddle roller. From there, it is passed on through the auger and, in turn, transferred via the auger to the forage harvester intake.

- DIRECT DISC 610 with 20 ft (6.1 m) working width.
- DIRECT DISC 520 with 17.5 ft (5.2 m) working width.
- The COMFORT CUT intake is the infinitely variable chop-length transmission developed specially for the JAGUAR. This gives you the benefit of variable chop lengths set directly from the cab.
- Drive connection via the quick-connect coupler: simply hitch up and lock.
- The crop is cut by two tried-and-tested DISCO mowing bars.
- The quick knife change dramatically reduces maintenance times.
- The paddle roller is hydraulically height-adjustable for perfect adaptation to the harvesting conditions.

Why cross the field twice when once is enough?

ORBIS.
Row-independent harvesting.

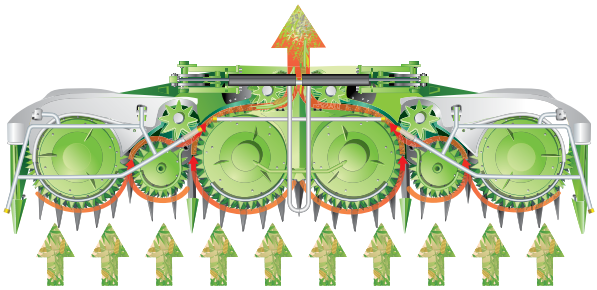


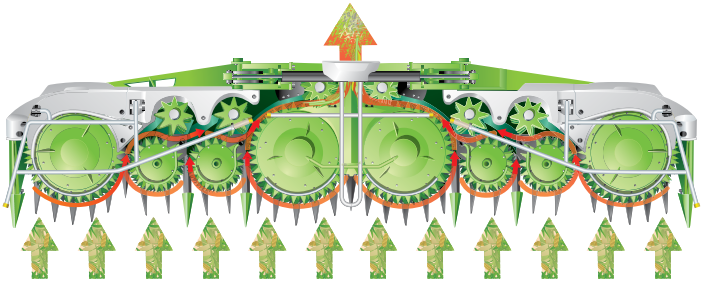
The row-independent ORBIS corn header range from CLAAS combines entirely new ideas with regard to structure and drive and the years of global experience amassed by CLAAS through the RU range. The high standard of the functional reliability and benefits of this all-new design are yours to enjoy, every minute of the day.

There are five working widths available.

RU 450	ORBIS 600	ORBIS 635	ORBIS 750	ORBIS 900
6 rows (30 in)	8 rows (30 in)	7 rows (38 in)	10 rows (30 in)	12 rows (30 in)

The ORBIS is connected to the JAGUAR via the quick coupling and offers a perfect chop quality at the following workign widthe: 20 ft (6 m)/21 ft (6.35 m)/25 ft (7.5 m)/30 ft (9 m), and the RU 450 offers a working width of 15 ft (4.5 m).





Compact dimensions.

The ORBIS is characterized by excellent, unrestricted visibility and low axle loads. The extremely short structure facilitates simple maneuvering even when cornering tightly.

Smooth running drive.

The extremely low power requirement reduces fuel consumption markedly and increases the overall output of the forage harvester. The low starting torque enables smooth engagement and reversing under full load, leading to improved output overall.

ORBIS with optimum speed adjustment.

Speed adjustments are offered for different harvsting conditions:
ORBIS with 2-speed gearbox that can be flipped for a 13% speed increase.

- Use in medium and very long chop-length range.


More reliable.
CLAAS
CLAAS

- Save time with QUICK ACCESS
- CLAAS 24 hour Service
- MAXI CARE® – the highest service standards for professionals

Support

When every working hour counts, maintenance needs to be done in minutes.

Save time, energy and trouble.

- QUICK ACCESS lets you inspect the chopping unit in a matter of moments.
- V-opening: release the lock and swing the housing open hydraulically – that's all it takes for a clear view of the knives and shear bar.
- Side opening: separation between the knife drum and intake. Just remove the header and swing open the intake.
- The spacious storage compartment ensures that all tools and accessories are within easy reach.
- Anywhere that needs to be accessed for servicing can be reached quickly and easily via large side openings.

- The automatic central lubrication unit with storage for 2.11 gal (8 l) of grease is sufficient for around 120 hours of operation.
- Thanks to the large entry space, you have unlimited access to the cooling system, the Multi-Crop Cracker and the accelerator.
- The Multi-Crop Cracker can be removed quickly and easily.
- Easy access to the air intake filters, which are installed in the dust-free zone to maximise service intervals.
- Maintenance-free braking system.
- Numerous wear-free components to increase long-term reliability.
- Bold light package for better visibility under side shields (optional).

Round-the-clock assistance.

You can rely on the professional and reliable support of the FIRST CLAAS SERVICE® team at every stage of the game. CLAAS importers and dealers provide fast spare parts supply and reliable customer service worldwide.

We're there for you wherever you need us.

You can count on us as and when you need parts in a hurry. Our central spare parts warehouse delivers all ORIGINAL CLAAS parts quickly and reliably all over the world. The extensive network of CLAAS dealers ensures that they reach their destination as quickly as possible – wherever you happen to be.

Service is close even when far away.

Every minute counts during the harvest. With CLAAS CDS Remote Diagnostics you gain valuable time, and so do we. Your local dealership along with our product support staff have direct access via the Internet to all the performance and electronic data of your JAGUAR, often enabling the problem to be solved remotely. If a service technician is required on site, your dealership will have all the necessary information in advance and can send any spare parts required right away.

We speak the same language.

CLAAS sales partners include some of the foremost agricultural engineering companies worldwide. They are superbly trained, highly familiar with the way you work and understand your expectations when it comes to competence and reliability.

We get the diagnosis right.

We take pride in our team of experienced service and parts professionals. Nowadays they're aided by cutting-edge diagnostic systems such as the CDS NEW to ensure they can identify defects more quickly and provide reliable configurations and updates – even on your farm or in the field, if the need arises.

Service at CLAAS is not just a promise, but a way of life.

Invest in the best – invest in success!

The reliable service packages and customised MAXI CARE® packages offered by CLAAS give you peace of mind. Post-harvest and annual check-ups for maximum performance, maintenance contracts for more reliability at a fixed price, and a flexible choice of warranty extension modules all make for predictable, transparent cost management.

The all-around, worry-free package for service and maintenance:

- Post-harvest / annual check – a thorough inspection to give you a head start in the coming year.
- MAXI CARE® – reliable all-round protection.

		980	970	960	950	940	930
Engine							
Manufacturer		T2 MAN	T2 MAN	T4 Mercedes Benz SCR	T4 Mercedes Benz SCR	T4 Mercedes Benz SCR	T4 Mercedes Benz SCR
		D 2662	D 2868	OM 502 LA	OM 502 LA	OM 502 LA	OM 460 LA
Cylinders		V12	V8	V8	V8	V8	R6
Output per ECE R 120 at 1,800 rpm	HP (kW)	884 (650)	775 (570)	653 (480)	600 (440)	510 (375)	455 (335)
Capacity	l	24.2	16.2	16	16	16	12.8
Fuel tank	gal (l)	357 (1,350)	357 (1,350)	317 (1,200)	317 (1,200)	317 (1,200)	317 (1,200)
DEF tank	gal (l)	–	–	30 (120)	30 (120)	30 (120)	30 (120)
Traction drive: automatic 2-gear OVERDRIVE transmission (hydrostatic)		●	●	●	●	●	●
All-wheel drive		❍	❍	❍	❍	❍	❍
Water additive tank	gal (l)	71 (270)	71 (270)	71 (270)	71 (270)	71 (270)	71 (270)
Corn header, row-independent (rows/width)	ft (m)	12/30(9), 10/25(7.5), 8/20(6), 7/21(6.35)	12/30(9), 10/25(7.5), 8/20(6), 7/21(6.35)	12/30(9), 10/25(7.5), 8/20(6), 7/21(6.35)	10/25(7.5), 8/20(6), 7/21(6.35)	10/25(7.5), 8/20(6), 7/21(6.35)	10/25(7.5), 8/20(6), 7/21(6.35), 6/15(4.5)
Pick-up	ft (m)	12.5 (3.8)/10 (3.0)	12.5 (3.8)/10 (3.0)	12.5 (3.8)/10 (3.0)	12.5 (3.8)/10 (3.0)	12.5 (3.8)/10 (3.0)	12.5 (3.8)/10 (3.0)
Automatic lowering and CONTOUR ground pressure control		●	●	●	●	●	●
DIRECT DISC direct cutter bar	ft (m)	20 (6.1)/ 17(5.2)	20 (6.1)/ 17(5.2)	20 (6.1)/ 17(5.2)	20 (6.1)/ 17(5.2)	20 (6.1)/ 17(5.2)	20 (6.1)/ 17(5.2)
Intake housing width	in (mm)	28.75 (730)	28.75 (730)	28.75 (730)	28.75 (730)	28.75 (730)	28.75 (730)
No. of feed and compression rollers		4	4	4	4	4	4
COMFORT CUT variable, flexible knife assembly	in (mm)	4-44	4-44	4-44	4-44	4-44	4-44
Knife drum – width	in (mm)	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)	29.5 (750)
Knife drum – diameter	in (mm)	24.8 (630)	24.8 (630)	24.8 (630)	24.8 (630)	24.8 (630)	24.8 (630)
Knife drum – speed	rpm	1,200	1,200	1,200	1,200	1,200	1,200
V MAX drum (24 knives) variable knife configuration 4–44 mm		V24/2x12; V12/2x6	V24/2x12; V12/2x6	V24/2x12; V12/2x6	V24/2x12; V12/2x6	V24/2x12; V12/2x6	V24/2x12; V12/2x6
Automatic knife sharpening from cab		●	●	●	●	●	●
Automatic shear-bar setting from cab		●	●	●	●	●	●
Multi-Crop Cracker D=250 mm, 100 teeth and 30% speed differential		❍	❍	❍	❍	–	–
Accelerator, width	in (mm)	26.8 (680)	26.8 (680)	26.8 (680)	26.8 (680)	26.8 (680)	26.8 (680)
Variable accelerator clearance (2–10mm)		❍	❍	❍	❍	❍	❍
Discharge chute with breakback protection		●	●	●	●	●	●
Chute swivel angle, OPTI FILL	degrees	225	225	225	225	225	225
OPTI FILL		❍	❍	❍	❍	❍	❍

● Standard ❍ Optional – Not available

		980	970	960	950	940	930
Climate-controlled VISTA CAB		●	●	●	●	●	●
Premium air-suspension seat		●	●	●	●	●	●
YIELDMETER		❍	❍	❍	❍	❍	❍
YIELDMETER with continous moisture measurement		❍	❍	❍	❍	❍	❍
Printer		❍	❍	❍	❍	❍	❍
CEBIS work order management with data transfer via Compact Flash Card (through Parts)		❍	❍	❍	❍	❍	❍
Passenger seat		●	●	●	●	●	●
Central lubrication		❍	❍	❍	❍	❍	❍
TELEMATICS		❍	❍	❍	❍	❍	❍
Basic machine without front attachment							
Drive axle tires							
Transport width, depending on tires							
650/75 R 32	in (mm)	118 (2,990)	118 (2,990)	118 (2,990)	118 (2,990)	118 (2,990)	118 (2,990)
710/70 R 38	in (mm)	125 (3,172)	125 (3,172)	125 (3,172)	125 (3,172)	125 (3,172)	125 (3,172)
900/60 R 32	in (mm)	136 (3,455)	136 (3,455)	136 (3,455)	136 (3,455)	136 (3,455)	136 (3,455)
Steer axle tire options							
Transport width, depending on tires							
16.5/85 R 24	in (mm)	112 (2,845)	112 (2,845)	112 (2,845)	112 (2,845)	112 (2,845)	112 (2,845)
600/65 R 28	in (mm)	120 (3,050)	120 (3,050)	120 (3,050)	120 (3,050)	120 (3,050)	120 (3,050)
Tire pressure control system		❍	❍	❍	❍	❍	❍
Working length	in (mm)	251 (6,388)	251 (6,388)	251 (6,388)	251 (6,388)	251 (6,388)	251 (6,388)
Working height	in (mm)	222 (5,650)	222 (5,650)	222 (5,650)	222 (5,650)	222 (5,650)	222 (5,650)
Transport length	in (mm)	257 (6,535)	257 (6,535)	257 (6,535)	257 (6,535)	257 (6,535)	257 (6,535)
`	in (mm)	149 (3,783)	149 (3,783)	149 (3,783)	149 (3,783)	149 (3,783)	149 (3,783)
Weight excluding header (based upon standard tire configuration)	lb (kg)	29,057 (13,180) (710/75 R 34 - 600/65 R 28)	29,057 (13,180) (710/75 R 34 - 600/65 R 28)	25,221 (11,440) (650/65 R 32 - 540/65 R 28)	25,221 (11,440) (650/65 R 32 - 540/65 R 28)	25,221 (11,440) (650/65 R 32 - 540/65 R 28)	25,221 (11,440) (650/65 R 32 - 540/65 R 28)

● Standard ❍ Optional – Not available

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