



Forage harvesters

JAGUAR

870 860 850 840

CLAAS

The only choice. The JAGUAR.

JAGUAR 800

Is there an alternative to the best result?
To optimal efficiency with minimal fuel consumption?

The challenges facing you are growing. Your requirements count. Ensuring your satisfaction is what drives us in our continuous pursuit of new solutions.

More productivity, more choice, more comfort, more yield:
the JAGUAR 800 series offers all these qualities – and in so doing represents a class in its own right.

A class which represents the only choice.
The JAGUAR models.



JAGUAR.
870 / 860 / 850 / 840.



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- 1 Outstanding control concept with additional CEBIS features
- 2 LED work lights
- 3 Corncracker concept
- 4 Engines with emissions standard Stage IV (Tier 4)
- 5 Modular ballasting concept
- 6 Silage additive dosage based on dry matter content; large silage additive tank
- 7 Increased efficiency with CRUISE PILOT
- 8 DYNAMIC POWER with new functions
- 9 Diesel tank capacity of up to 1,300 l for extended working
- 10 Unique accessibility concept for fast and straightforward maintenance
- 11 Optimised running gear with significantly smaller turning radius
- 12 Throughput-based knife sharpening system
- 13 Efficient mechanical drive for front attachments
- 14 QUANTIMETER yield measurement (volume flow measurement)
- 15 Near infrared sensor system for precise determination of dry matter
- 16 CMOTION multifunction control lever
- 17 NEW: AUTO FILL side / rear
- 18 NEW: Programmed payload detection

The JAGUAR cab.
Deluxe comfort in your working environment.

Comfort cab

- Spacious comfort cab with low noise level
- Excellent visibility and lighting
- CEBIS information and control system
- Five seat types
- CMOTION multifunction control lever for high comfort



Ergonomic and individualised. Operating comfort and convenience.



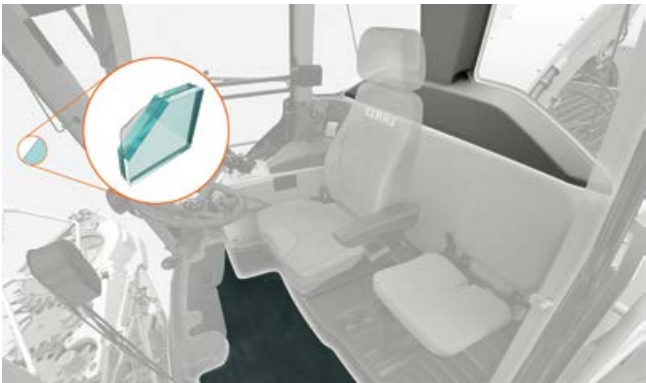
The CLAAS comfort cab.

In the JAGUAR, there is simply nothing to distract you. The steering column and operator's seat can be adjusted to suit each and every operator. Thanks to the clearly laid-out displays and controls, you will feel at home in the JAGUAR in no time.

Roller sunblinds, air conditioning, a radio and a coolbox also help to keep operators fresh and alert, no matter how long they are on board.



- Spacious VISTA CAB with two seats
- Glass on all sides for an all-round unrestricted view
- The windscreen comes with a circular washer/wiper system
- Side and rear window wipers for a clear all-round view
- Spacious stowage compartments
- Cool box with sufficient space for snacks
- CEBIS control concept
- Individual locking system
- CMOTION multifunction control lever
- LED work lights
- Five seat variants, including a high-quality leather seat



Optional comfort package.

The special insulation on the rear window effectively minimises noise immediately around the operator's head without compromising the all-round visibility. An exclusive windscreen reduces reflections in the cab, especially in dark or rainy conditions. Another feature which enhances the comfort package is the floor mat.



LED work lights.

LED work lights on the cab roof (for front area illumination), at the rear and on the discharge spout where they pivot with the crop flow, make it easy to monitor operations during nighttime harvesting.

- Very even illumination
- The white light is similar to daylight
- Power consumption is one third of that required for halogen lights
- Very low temperature at the light lens
- The work lights are 100% waterproof and dustproof



Take the machine to the limit – with fingertip control.

CEBIS: the compact control hub.

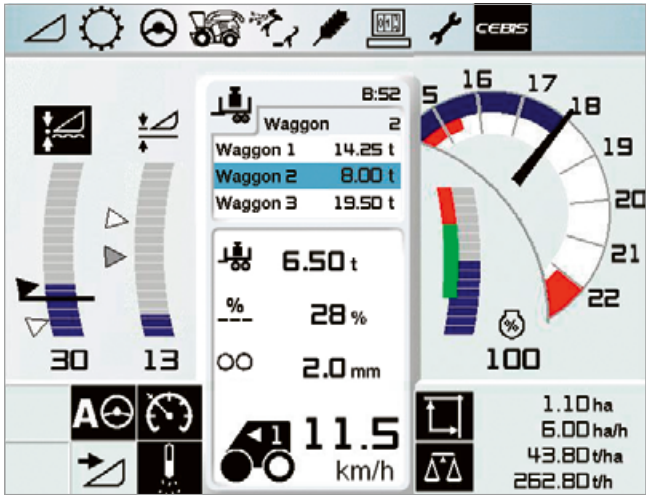
The clear, user-friendly structure of the control system ensures that you can manage the JAGUAR confidently and easily in all conditions. All the main functions are controlled and monitored through just a few central elements. At the heart of this well thought-out design is the electronic CEBIS onboard information system, providing a logical and ergonomic interface with every conceivable detail taken into account.

- 1 Intake on
- 2 Intake stop and reverse
- 3 Discharge spout control
- 4 Front attachment height setting
- 5 Automatic spout swivel
- 6 AUTO FILL / spout park position
- 7 AUTO PILOT
- 8 Information button
- 9 HOTKEY rotary / push switch
- 10 HOTKEY direct menu rotary switch
- 11 Escape button
- 12 CEBIS direct menu rotary switch
- 13 CEBIS menu selection rotary switch
- 14 DIRECT ACCESS button
- 15 Chopping system on / off
- 16 Raise / lower discharge spout
- 17 Gear shift
- 18 Parking brake
- 19 Silage additive system, main switch
- 20 All-wheel drive
- 21 Diesel engine speed (three steps)
- 22 Fold front attachments



Fast, manageable, clear and reliable.

- The CEBIS rotary switch is used to control the basic functions
- The additional HOTKEY direct menu rotary switch allows direct on-screen control of another principal function
- All switch functions have logical, self-explanatory icons
- A CompactFlash Card makes data exchange particularly easy
- Your hand rests easily on the multifunction lever where you have instant control over the driving speed, as well as numerous other functions

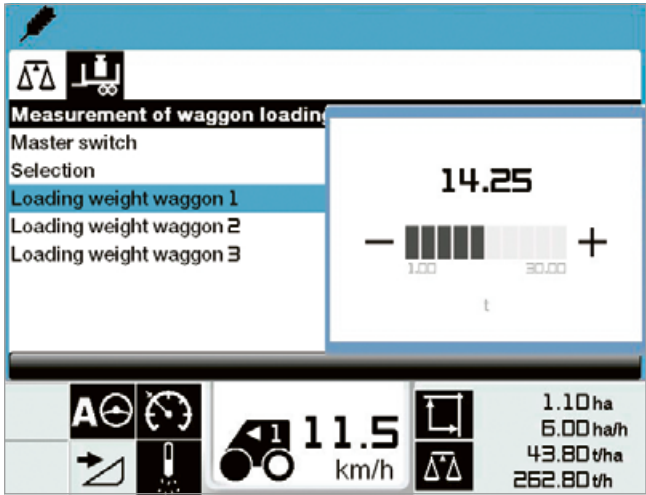


The CMOTION multifunction control lever is available as an option. First introduced in the XERION in 2009, it is now used in CLAAS tractors, combine harvesters and JAGUAR forage harvesters. CLAAS therefore offers a standardised control concept with ergonomic design.

A + B = CMOTION multifunction control lever (option)
C + D = multifunction control lever (standard)

NEW: Programmed payload detection for forage trailers.

You can program the payload of three forage trailers. CEBIS shows you the load status of the selected trailer and notifies you when the programmed payload level has been attained. This feature helps you avoid overloading forage trailers.



Peak performance and cost-effectiveness. JAGUAR technology.

- High performance with economical engines
- Straightforward, highly efficient drive system



CPS – CLAAS POWER SYSTEMS.

Optimal drive for best results.

Equipment development at CLAAS means an ongoing effort for even greater efficiency and reliability as well as optimal profitability in the field.

Of course, this applies to all aspects of a CLAAS forage harvester. A case in point is the drive system which is of decisive importance for the performance of the entire machine and which calls for a lot more than just a powerful engine.

In CLAAS POWER SYSTEMS (CPS), we have brought together top-quality components to create a drive system that is in a class of its own – one that always delivers the most efficient power when needed. CPS is ideally matched to the work systems, featuring fuel-saving technology that quickly pays for itself.

The intelligent DYNAMIC POWER engine control system from CLAAS provides the best possible implementation of the CPS philosophy: optimal, automatic provision of the appropriate power for the JAGUAR in line with requirements. It is another example of our approach to achieving real fuel savings. The decisive factor is not the engine itself but the ability to control the available output intelligently – so you can do more with less.



Powerful and efficient.
The engine technology.



New Mercedes-Benz engines.

CLAAS POWER SYSTEMS encompasses the full range of drive technology and matches it with the appropriate engine to form an optimally tuned drive system. This results in the highest level of efficiency available in the market.

It goes without saying that CLAAS products meet the different emissions standards which apply around the world. In markets where Stage IV (Tier 4) applies, an exhaust-gas aftertreatment system downstream from the engine is used to ensure compliance. This system uses Selective Catalytic Reduction (SCR) to convert the nitrogen oxides in the exhaust flow into nitrogen and water. The urea solution necessary for this is carried in a 130-litre tank. Urea consumption is about 3% of the diesel consumption.

The engine is rubber mounted to the chassis to minimise noise and vibration. This means you get the best of both worlds: immense power reserves plus top operator comfort.

The latest technology which features in the new six-cylinder in-line engines from Mercedes-Benz includes such highlights as:

- Common rail, high-pressure injection technology (up to 2500 bar)
- In-line 6-cylinder engines with a displacement of 15.6 l and also turbo-compound technology for maximum efficiency at full load
- Torque is consistent over a wide engine speed range
- Low weight thanks to high power density
- Very low diesel consumption



High-capacity fuel tank.

JAGUAR	Diesel tank	Auxiliary diesel tank (option)	Total diesel capacity	Urea tank
870-840	1000 l	300 l	1300 l	130 l

Large tank for extended working.

The extremely well thought-out tank concept lends itself to extended working. In forage harvesters with exhaust gas aftertreatment, the urea solution only needs to be replenished during every other refuelling stop.



Engine output.

JAGUAR Engines	Type	Stage IV (Tier 4)		Displacement
		kW	hp	litres
870	OM 473 LA	430	585	15.6
860	OM 471 LA	380	516	12.8
850	OM 471 LA	340	462	12.8
840	OM 470 LA	300	408	10.6



Turbo-compound technology for OM 473 LA



Mercedes-Benz OM 473 LA



Mercedes-Benz OM 471 LA



Mercedes-Benz OM 470 LA

Effective and reliable.
The cooling system.



Reliable cooling.

Record-breaking performance is no excuse for breaking out in a sweat. In the JAGUAR, horizontal slab radiators provide effective cooling under all harvesting conditions. The large surface area of the radiator screen keeps air speeds down, thereby reducing dirt build-up. The screen itself is kept clean by a rotating extractor arm.

The airflow from the fan is directed past the engine and can escape practically unhindered through the large air outlet at the rear. As a result, the JAGUAR can be counted on to continue operating reliably even in extremely hot weather.

Breathing easy.

Large air filters ensure long and reliable operation. Pre-treated engine air is drawn in directly from the radiator compartment. When necessary, the filters can be removed without the need for tools and can be cleaned straight away in the field. The integrated compressor delivers 600 l of air per minute at 9.5 bar.

This is sufficient to supply the trailer braking system and to allow the operation of air-driven tools, such as an air gun for cleaning the JAGUAR when work is over.



Automatic and adaptable. CRUISE PILOT for the JAGUAR 870.



CRUISE PILOT is an operator assistance system. You choose the appropriate strategy:

- Cruise control
- Constant throughput
- Engine load

You can use the HOTKEY direct menu rotary switch to adjust the selected mode in accordance with the operating conditions while the machine is running.

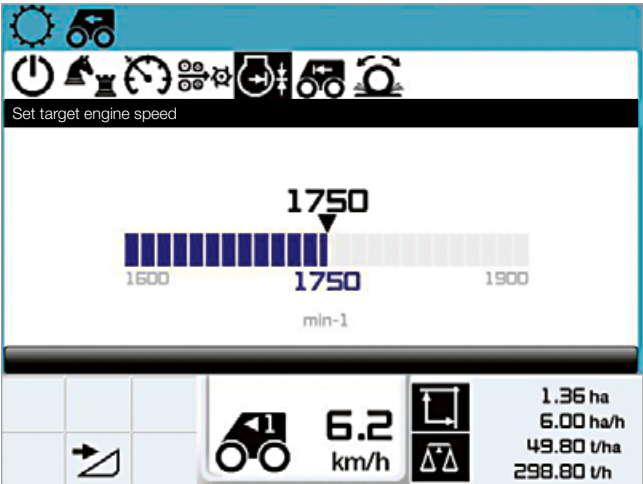
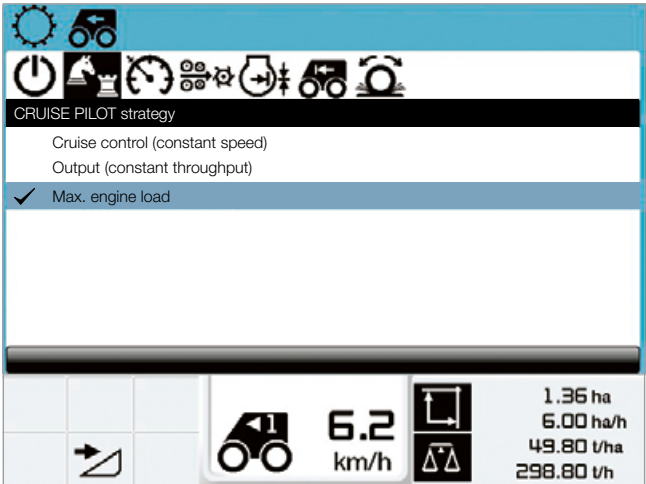
Advantages for you:

- Greatly eases the operator's workload
- JAGUAR performs at maximum efficiency

Making optimal use of engine capacity.

The automatic control of the ground speed by CRUISE PILOT allows the engine load to be used to the full. The operator specifies the desired engine load in CEBIS by setting the corresponding engine speed. CRUISE PILOT is activated easily by means of the multifunction control lever.

The JAGUAR now adjusts its performance to operate at the set engine load all the time. If the crop suddenly becomes more dense, the ground speed is reduced automatically. If the crop density diminishes again, the JAGUAR increases the ground speed until the preset engine output is attained. This automatic adjustment is based on the detection of the throughput and the engine load.



Intelligent and efficient. DYNAMIC POWER.

Only as much power as is required.

The JAGUAR 870 and JAGUAR 860 models can be equipped with the DYNAMIC POWER automatic engine output control system.

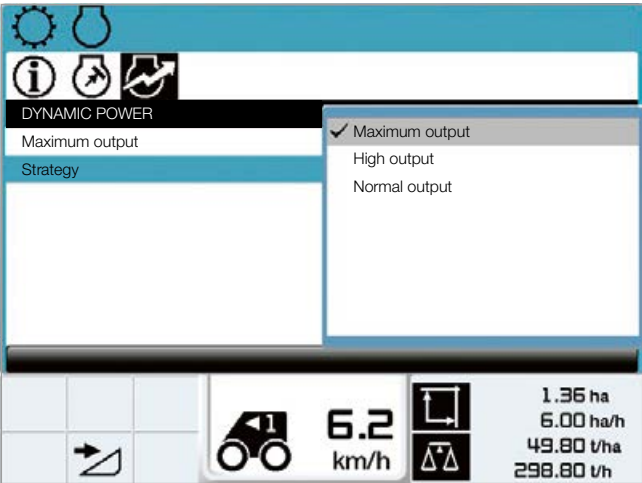
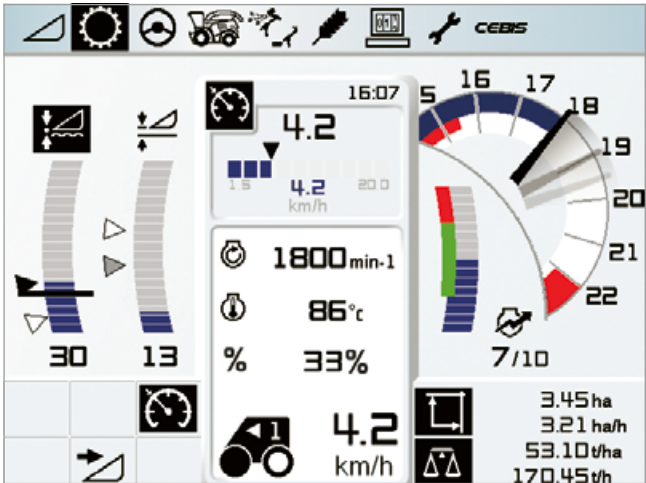
Maximum efficiency and throughput are attained when operating at full load. In the partial load range, the engine output is reduced automatically. This makes it possible to achieve fuel savings of up to 10.6%.

DYNAMIC POWER adjusts the engine output optimally to the field conditions in ten steps. This ensures that you are always operating in the most efficient engine speed range.

- Save diesel during partial-load operation
- Economical, consistent working with cruise control

DYNAMIC POWER engine output control.

Selectable	Step	JAGUAR 870	JAGUAR 860
Maximum output	10	585	516
	9	554	492
	8	522	467
High output	7	491	443
	6	460	418
	5	429	394
	4	397	370
Normal output	3	366	345
	2	335	321
	1	303	296
	min	272	272



DYNAMIC POWER – function upgrade for the JAGUAR 870 and 860:

Maximum output when entering the crop stand.

Before entering the crop, DYNAMIC POWER switches to the maximum engine output setting. This is made possible through the intelligent combination of the engine load, ground speed and working position. If maximum power is no longer required after entering the crop, DYNAMIC POWER reduces the output to the appropriate setting.

Selectable engine output.

- Maximum output
- High output
- Normal output

Shift point adjustment.

The reduction of the working speed through CEBIS causes the shift points of the output steps to be adjusted to a lower rev range.



Reliable, high pulling power. The running gear.

Huge reserves.

With its impressive tractive power, the ground drive is designed to get you through. A harvesting speed of up to 16.8 km/h is possible in first gear. The low dead weight, the small turning radius and the increased ground clearance make for excellent manoeuvrability.

Active header damping.

The active vibration damping function suppresses movements of the front attachment extremely effectively, thereby making your progress from one job to the next much smoother. Vibration damping is activated automatically when, for example, the front attachment is raised (above working height) when turning at the headland.

Economical on the road.

The electronic ground drive control automatically regulates the engine speed and matches it exactly to the required output. This cuts fuel consumption noticeably and minimises noise levels.

Mechanical all-wheel drive.

Under difficult working conditions, the selectable all-wheel drive provides maximum traction. The power is transferred directly to the rear axle via a drive shaft.



Rear camera: improved view when reversing.

If the JAGUAR is equipped with an optional rear camera, the view from it is shown automatically on the CEBIS monitor when reverse is selected with the control lever. This allows trailers to be coupled safely and improves the operator's view of the surroundings.

Advantages for you:

- Optimal pulling power
- Very good turning radius for high manoeuvrability
- Vibration damping on the road
- Rear camera



The flexible rear ballast also provides the JAGUAR with a wide collision protection element

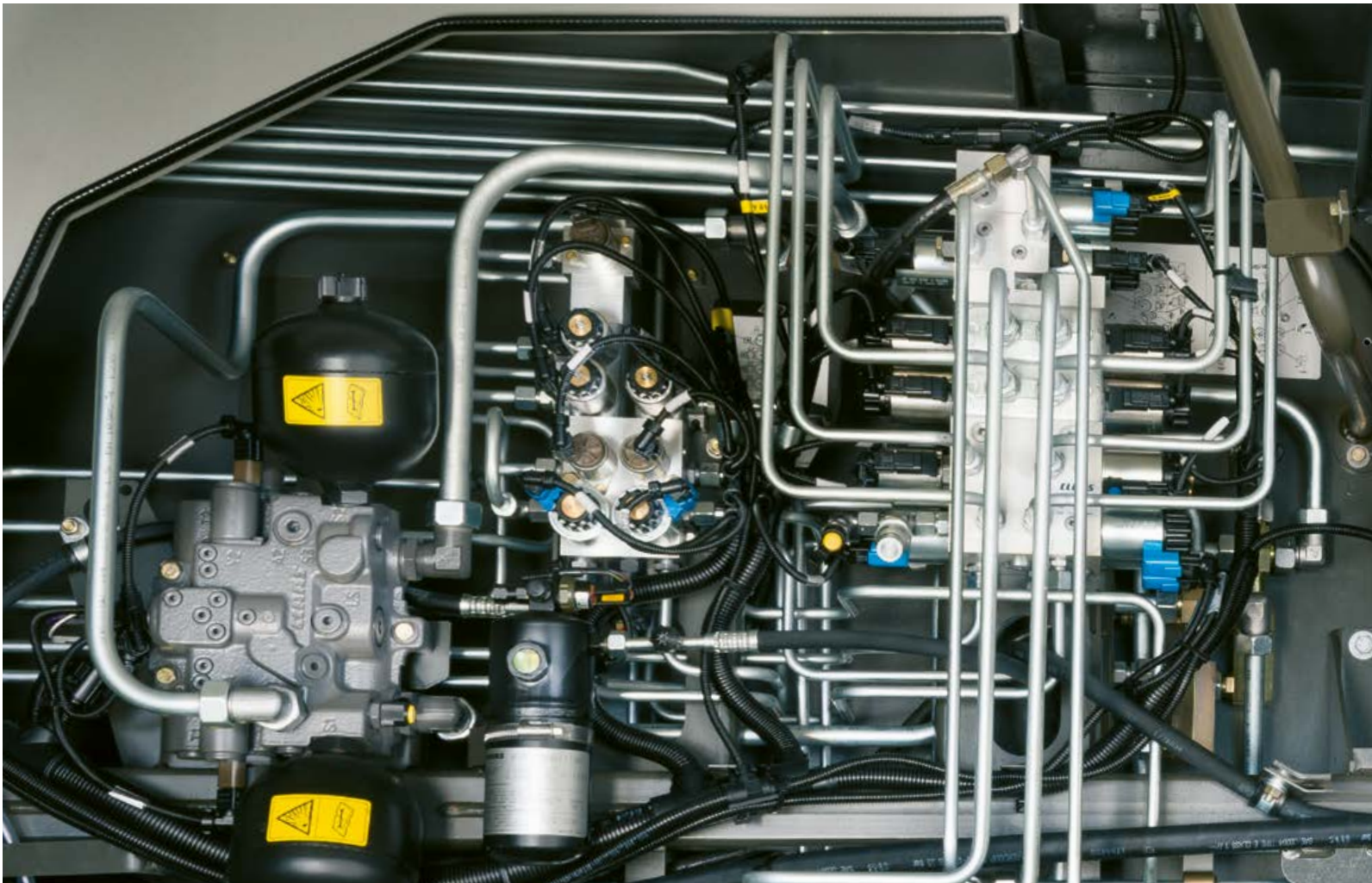
Clear and straightforward. Hydraulic and electrical systems.

The hydraulics.

The hydraulic valves are clearly laid out on the left side of the machine. Proportional valves for the discharge spout and front attachment control system allow a smoother response when these systems are functioning automatically. In order to enable a consistent stubble profile, even when operating at very high ground speeds, the swivel speed of the ORBIS lateral levelling mechanism, for example, can be adjusted as required in CEBIS.

The vibration damping system is activated automatically once the headland is reached and the front attachment raised past the working height. This additional convenience feature reduces wear and tear on the machine when crossing sprayer wheelings, for example. The front attachment is protected by a correspondingly gentle suspension response.

- Clearly laid-out hydraulic system
- Rapid implementation of function commands
- Efficient control by proportional valves
- Cost-effective maintenance thanks to low-volume oil system



The electrical system.

A straightforward, convenient control concept demands a fast, reliable electrical system. In the JAGUAR, all the key components are housed securely and centrally in the cab.

An expansion box in the maintenance compartment of the JAGUAR allows the easy accommodation of additional options when retrofitting:

- PROFI CAM
- AUTO FILL
- ACTISILER 20
- NIR sensor
- 300 l auxiliary diesel tank
- Accelerator gap setting

Advantages:

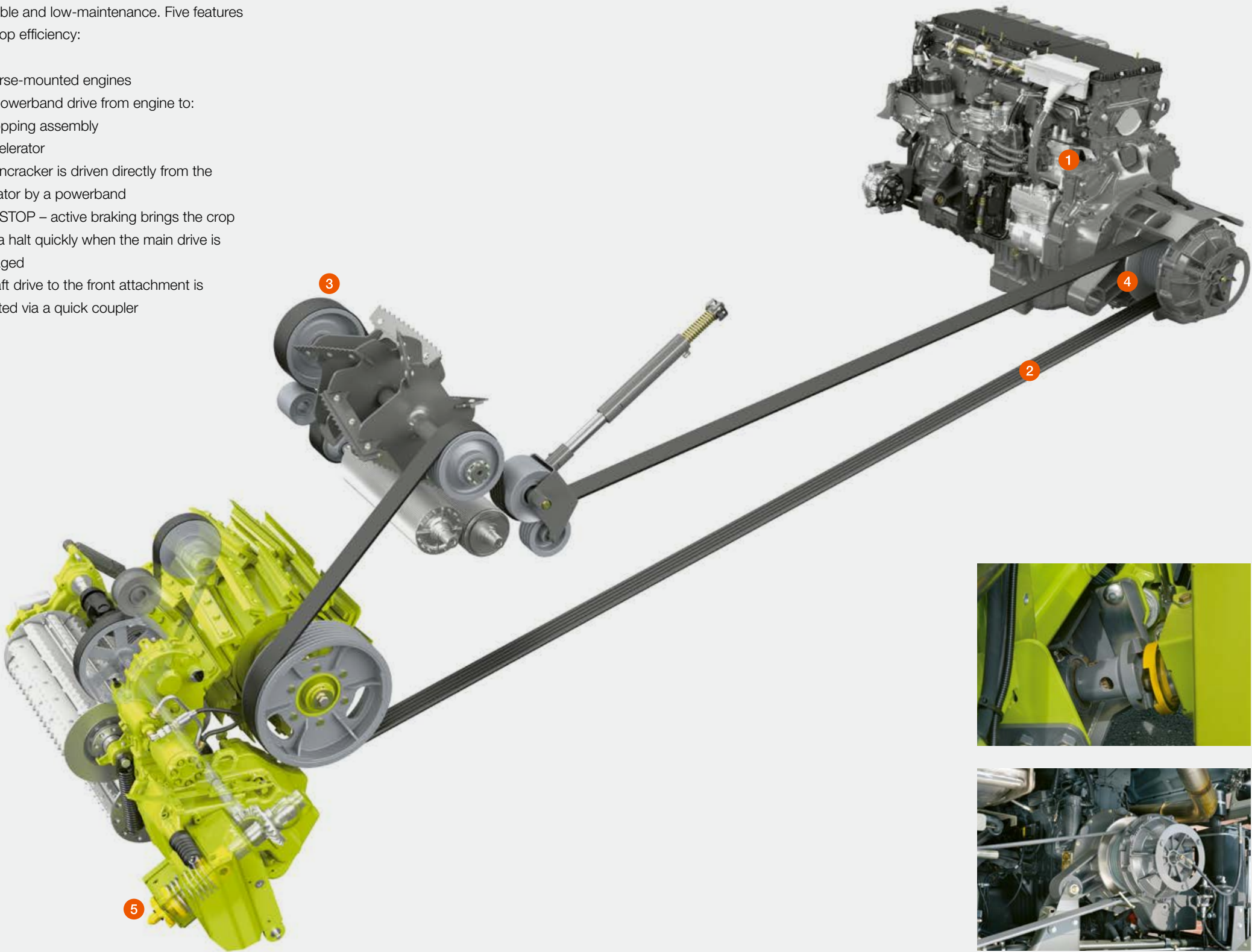
- Electrics housed securely in cab
- Reliable, high-quality cable connections
- High-quality expansion box for adaptation of additional variants

Unmatched and efficient. The drive.

The JAGUAR main drive.

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

- 1 Transverse-mounted engines
- 2 Direct powerband drive from engine to:
 - Chopping assembly
 - Accelerator
- 3 The corncracker is driven directly from the accelerator by a powerband
- 4 QUICK STOP – active braking brings the crop flow to a halt quickly when the main drive is disengaged
- 5 The shaft drive to the front attachment is connected via a quick coupler



Trend-setting advantages: setting the pace for two decades.

The revolutionary drive concept of the JAGUAR was developed by CLAAS engineers in 1993 and still sets the standard today. The direct power transmission has proven itself thousands of times over in practical use. For this generation of the JAGUAR we have again stayed true to our tradition with a transverse engine arrangement.

- The chopping mechanism is driven directly from the engine main clutch via a pre-tensioned powerband – entirely maintenance-free
- The disc brake attached to the main clutch ensures that the chopping units stop rapidly when the main drive is switched off; QUICK STOP enhances safety
- The direct drive enables highly efficient power transmission while also keeping the specific power requirement low – high efficiency
- The front attachment is driven mechanically, the connection is provided by a quick coupling – extremely convenient

Forward-looking, precise crop processing.
The chopping system.

Chopping system



- Consistent chop quality
- Low diesel consumption
- High throughput

Straight and fast. The crop flow.

- 1 Intake
 - Robust with perfect precompression
- 2 V-CLASSIC chopping cylinder
 - Precise cutting for excellent chop quality
 - Chopped material is centred for low wear
- 3 Corncracker
 - Optimal crop processing
 - Extended MULTI CROP CRACKER range
- 4 Accelerator
 - Chopped material is centred for reliable transport
 - Mechanically adjustable clearance



Maximum throughput with low power consumption.

An optimal crop flow is a major factor in determining the daily output. The crop flows through the entire machine without any awkward angles. It makes no difference whether you are harvesting grass without the corncracker or are working in maize silage with it engaged. The crop is accelerated further at each step and is centred increasingly by the V-shaped arrangement of the knives and accelerator paddles. This results in maximum performance with minimum power consumption and makes for highly reliable operation. The JAGUAR demonstrates this time after time: with outstanding results – measured in terms of fuel consumption in litres per tonne.

Powerful and reliable.
The intake.

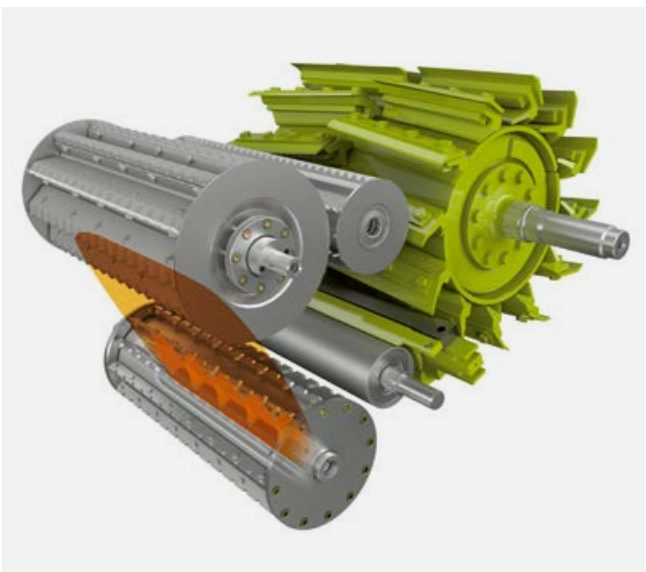


Robust rollers.

The intake roller drive in the JAGUAR is designed for extremely high performance. Six cutting lengths can be set as required. Robust compression rollers ensure an optimum crop flow. Additional wear bars reduce wear to the machine.

Hydraulic reverser.

The hydraulic reverser ensures a slow, controlled and sensitive reverse rotation. The crop is gently extracted from the intake. When used with the PICK UP, the roller crop press is raised automatically, and, if required, the auger as well. With incremental reversing, foreign objects are brought close to the intake rollers, where they can be removed quickly and safely.



Sensitive metal detector.

The metal detection system installed in the front feed rollers locates any magnetic object in good time. The low-wear, quick-stop mechanism then stops the intake immediately. Thanks to the location display in CEBIS, the operator can quickly see where the magnetic metal object is to be found.



STOP ROCK stone detector.

Although powerful and rugged, the intake is also sensitive when it comes to foreign objects. The STOP ROCK stone detector increases the reliability of the JAGUAR. If it detects a stone in the swath, it stops the intake immediately. You can set the minimum stone size yourself – the sensitivity is conveniently adjustable from the cab using CEBIS.



Precise and proven.

The V-CLASSIC chopping cylinder.



V-shaped knife layout.

The effectiveness of the 750 mm wide chopping cylinder in the JAGUAR is unique. The V-shaped knife arrangement produces a pull-through, guillotine cut with a minimum of effort. At the same time, the forage is guided towards the middle – this reduces wear and friction losses on the sides of the cylinder housing.

- Robust design
- Minimum power requirement
- High throughput
- Top chop quality
- Excellent discharge

The V-CLASSIC chopping cylinder is available in three versions:

- 1 V20 for use in coarse forage or for use primarily in grass
- 2 V24 for use in grass and maize; suitable for longer chop lengths in grass
- 3 V28 for use in grass and maize; suitable for short chop lengths in maize



Fully automatic sharpening.

A precision chop and consistent chop quality are possible only if the blades are absolutely sharp. The sharpening of the knives is controlled from the cab.

As an option, you can also control the shear-bar setting from the cab. The shear bar does not need to be loosened for this operation; instead, the mounting block is pivoted and moves gently towards the chopping cylinder with the shear bar firmly fixed on top. Knock sensors register contact and set the shear bar accordingly.

Sharpening and adjustment of the shear bar should be carried out on the basis of the throughput quantity rather than at a given time of day. CEBIS can be configured to give a reminder when knife sharpening is required.



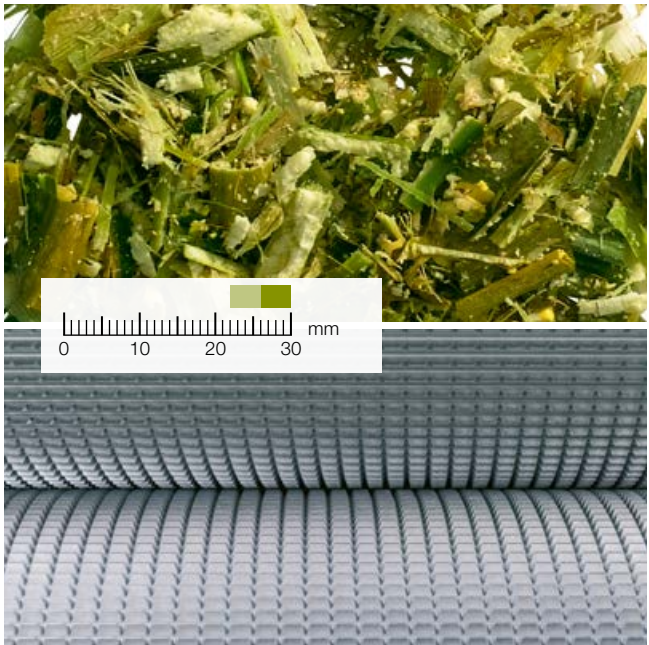
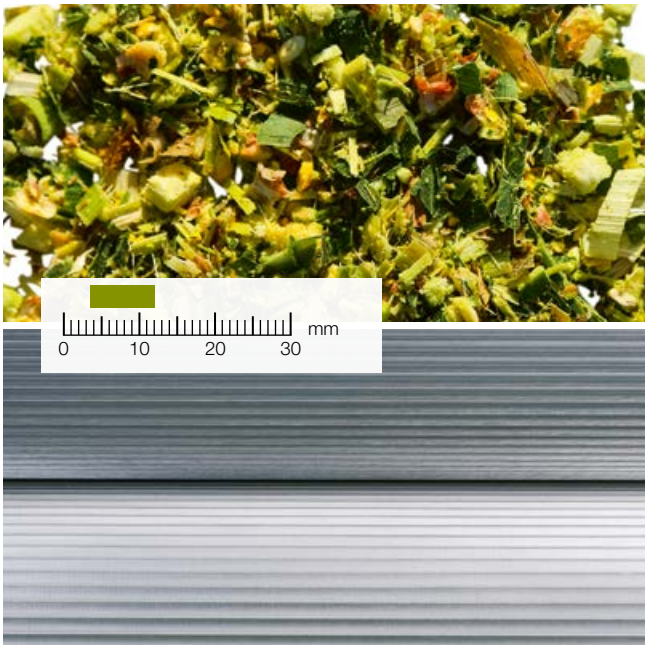
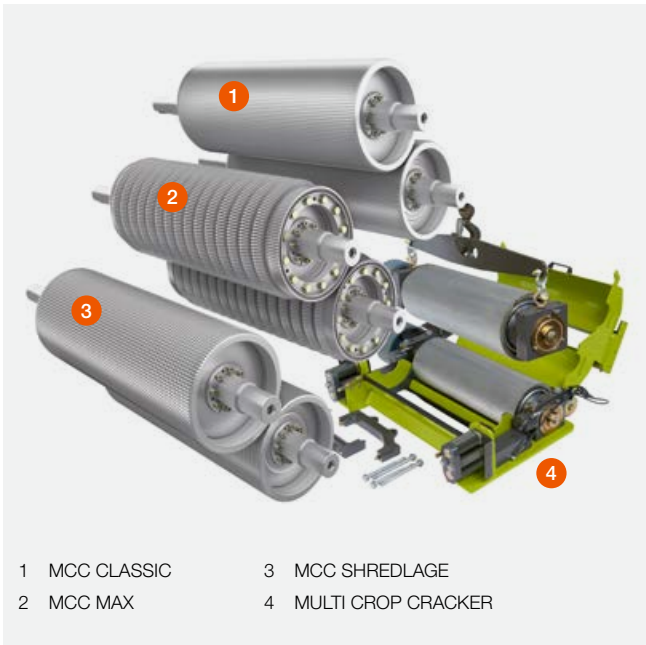
The chop length can be doubled by equipping the V-CLASSIC cylinder with half-knives. The half-knives enable a very consistent crop throughput which is ideal when harvesting grass or maize for long chopping and SHREDLAGE®.

Possible chop lengths.

Cylinder	Use	Knife set - full	Knife set - half	Half-knives
V-CLASSIC 28	Knife set	28 = 2 x 14	14 = 2 x 7	28 = 2 x 14
	Chop length	3,5 / 4,5 / 6 / 8 / 12 / 15	7 / 9 / 12 / 16 / 24 / 30	7 / 9 / 12 / 16 / 24 / 30
V-CLASSIC 24	Knife set	24 = 2 x 12	12 = 2 x 6	24 = 2 x 12
	Chop length	4 / 5,5 / 7 / 9 / 14 / 17	8 / 11 / 14 / 18 / 28 / 34	8 / 11 / 14 / 18 / 28 / 34
V-CLASSIC 20	Knife set	20 = 2 x 10	10 = 2 x 5	20 = 2 x 10
	Chop length	5 / 6,5 / 8,5 / 11 / 17 / 21	10 / 13 / 17 / 22 / 34 / 42	10 / 13 / 17 / 22 / 34 / 42

MULTI CROP CRACKER.

Three specialists for top-quality results.



MULTI CROP CRACKER.

The key characteristics of the MULTI CROP CRACKER (MCC) are its rugged construction and its extremely well sealed housing. Its great advantage is its flexibility. The outstanding accessibility of the rollers allows them to be replaced by others quickly.

The MCC system is available in two sizes: MCC CLASSIC M (M = Medium with a roller diameter of 196 mm) up to an engine output of 626 hp. And MCC CLASSIC L (L = Large with a roller diameter of 250 mm) for all models from the JAGUAR 870 with 585 hp upwards.

MCC CLASSIC.

The conventional MCC CLASSIC is equipped with the familiar sawtooth profile and operates as standard with a speed differential of 30%. This system is used successfully for harvesting short maize for applications such as biogas facilities, but also for the production of silage as feed for dairy cattle and for bull fattening. Other rollers with a different number of teeth are used in markets where there is a greater need for long-chopped maize silage. The required degree of silage processing is achieved by increasing the speed differential.

MCC MAX.

The MCC MAX rollers have been developed to process maize silage with chop lengths between 7 and 22 mm. They consist of 30 annular segments with a sawtooth profile. The arrangement and special geometry of the annular segments ensure that the crop is processed not only by crushing and friction, but also by cutting and shearing forces. This allows more intensive processing of the maize kernels and also produces a fibrous breakdown of the stalk fragments.

When compared with conventional corncrackers, the range of applications for the MCC MAX covers much greater chop lengths and types of dry matter, while still delivering very high-quality processing results. The MCC MAX provides contractors, machinery rings and farms with a new technical solution which allows them to meet the most diverse customer requirements for forage processing.

MCC SHREDLAGE®.

SHREDLAGE® is a CLAAS brand. Originally developed in the US, this technology is now responsible for SHREDLAGE® silage being used on many farms around the world. SHREDLAGE® is a maize silage conditioning system in the extremely long chop length range of 26 to 30 mm. Operating with a speed differential of 50%, the SHREDLAGE® rollers have a sawtooth profile with a counterdirectional spiral groove. In this way, the MCC SHREDLAGE® is able to grind the maize kernels thoroughly and chop up the cob fragments completely.

Leaves are well shredded and the stalk material is subjected to a lateral effect by the spiral groove which causes the bark to be rubbed off the stalk. At the same time, the soft inner core is split lengthways. The "shredded" crop can be compressed very well as the structure of the processed material keeps any rebound effect to a minimum.

Product range		MULTI CROP CRACKER		
MCC concept		CLASSIC	MAX	SHREDLAGE®
Roller diameter				
Medium (M)	Ø 196 mm	□	–	□
Large (L)	Ø 250 mm	□	□	□

□ Available – Not available



Agritechnica 2015: DLG Silver Medal for the MULTI CROP CRACKER MAX.

SHREDLAGE® maize silage.

The intensive processing multiplies the surface of the chopped material many times, resulting in significantly improved bacterial fermentation during ensiling and, above all, during digestion in the cow's rumen. Trials conducted by the University of Wisconsin show that SHREDLAGE® drastically increases the physical effectiveness of maize silage in the rumen while also improving the availability of the starch contained in all parts of the plant. Furthermore, the rumen-friendly structure of the silage improved herd health.

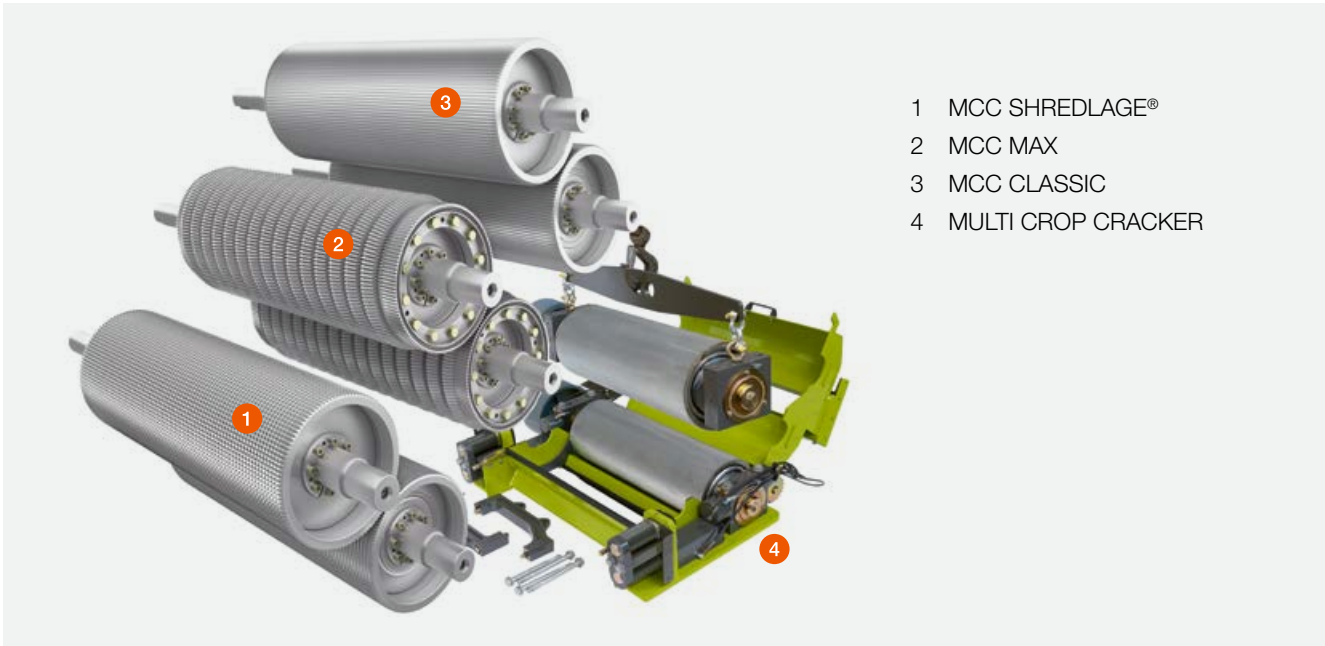
A higher milk yield and improved livestock health are not the only benefits SHREDLAGE® has to offer dairy producers. As the availability of starch is optimised, it is possible to reduce the quantity of feed concentrate used while obtaining a higher overall milk yield. It is also possible to limit or even eliminate the use of fibre supplements such as straw, thereby providing further scope for cost savings.

The right approach to crop processing.

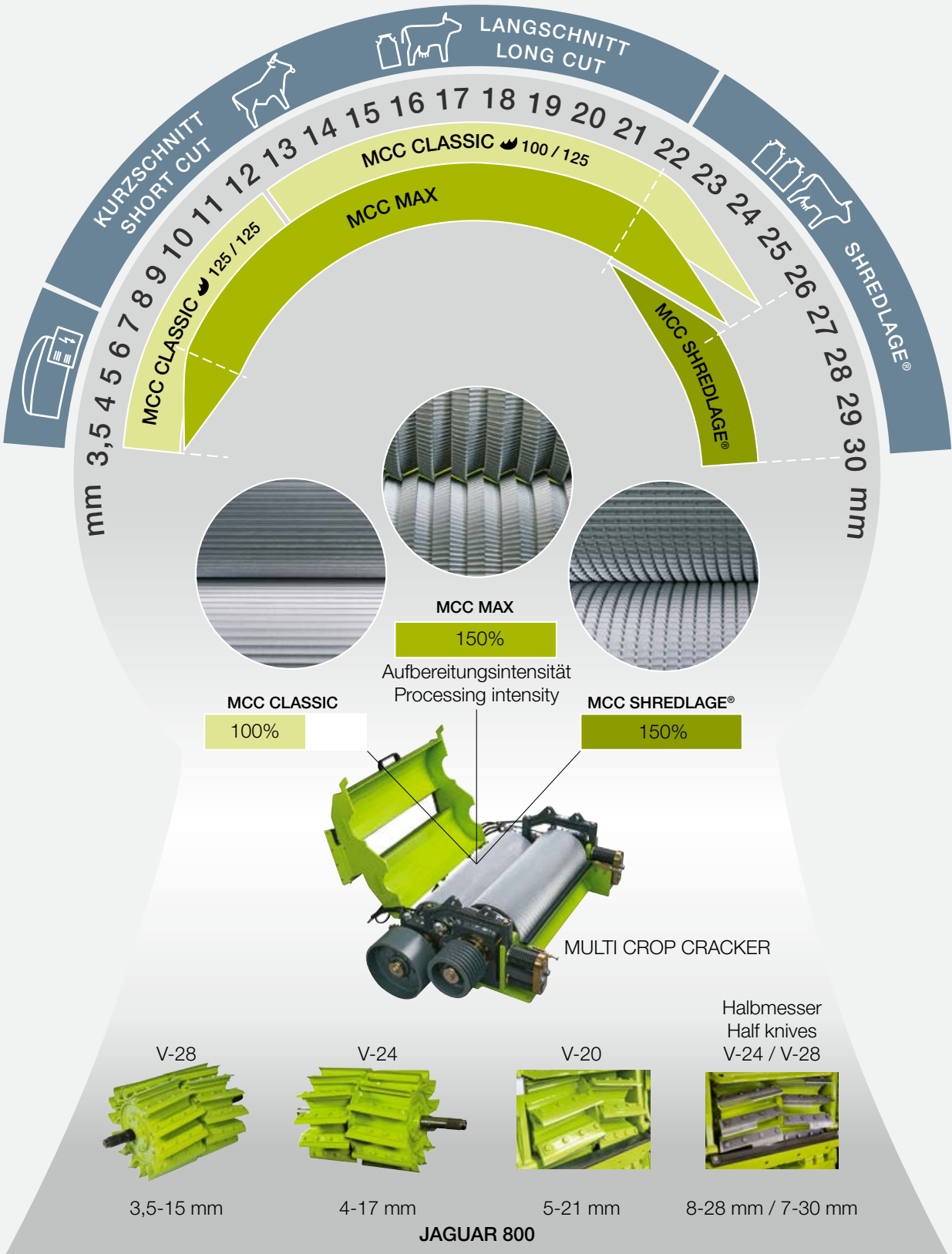
Only as intensive as necessary – this principle should always be kept in mind. It also applies to the roller gap setting and the intensity of the chopped material processing. More intensive crop processing increases the amount of energy required by the JAGUAR. The additional harvesting cost this causes needs to be taken into account.

Advantages:

- Unique product range
- Easy installation and removal thanks to outstanding accessibility
- Extremely rugged design through large bearing units and sealed housing design
- High throughput with optimum chop processing
- Outstanding accessibility for maintenance or replacement of rollers
- Continuous, maintenance-free hydraulic belt tensioning for maximum power transmission



CLAAS corncracker overview.



Dynamic and exceptionally accessible.
The crop accelerator.



Acceleration the energy-saving way.

The accelerator is ideally positioned in the JAGUAR for optimum performance of its task of speeding up the crop flow and feeding the crop reliably. The V-shaped accelerator paddles centre the crop flow, thereby reducing the wear on the side walls of the discharge chute. As the crop flow does not have to negotiate any awkward angles, correspondingly little energy is required to move it.



Extremely fast removal.

CLAAS offers an easy solution for removing the accelerator when post-harvest cleaning is required or if it should prove necessary to replace wear parts. Two people can carry out the removal procedure in one hour.

For heavy crops, the clearance between the accelerator and the rear wall can be increased mechanically by up to 10 mm. This results in a huge reduction in the amount of energy required. If, for example, very dry grass requires a high discharge rate, a very narrow clearance setting is required.



Continuous and precise.
Throughput measurement.



Throughput measurement with the QUANTIMETER.

By recording the deflection of the upper rear precompression roller, together with the intake width and intake speed parameters, the system measures the volume flow

continuously. In order to ensure the highest possible degree of accuracy (tonnes per hectare), counterweighing is necessary where there are differences in crop maturity or a change in variety. Retrospective calibration using a new calibration value allows counterweighing to be delayed until any convenient point between the start and finish of the harvesting process.

Dry matter measurement with NIR sensor.

Continuous dry matter measurement significantly improves the accuracy of the current throughput measurement.

The near infrared sensor (NIR sensor) operates at a very high frequency of 20 measurements per second. The alternative to this is costly and time-consuming laboratory testing (oven-drying method) of individual samples.



Counterweighing	
Status	in
Measured crop yield	12.14 t
Weighed crop yield	12.42 t
Calibration factor	1.77
<div> <div>1</div> <div>6.3 km/h</div> <div>1.36 ha</div> <div>6.00 ha/h</div> <div>49.80 t/h</div> <div>298.80 t/h</div> </div>	

Concentrated and precise. The silage additive systems.



Additives for top-quality silage.

Applying silage additives while chopping has become a standard service offered by professional contractors. You can carry up to 375 l of fluid in the standard-fit additive tank which is easy to fill. The mixed additive is sprayed straight into the crop accelerator.

- Tank capacity of 375 l
- Flexible filling and cleaning facility
- Dosage from 30 l/h to 400 l/h
- Throughput based dosage from 0.5 l/t to 2 l/t (up to 200 t/h)
- Dosage on basis of dry matter possible
- Sight tube for external level indication

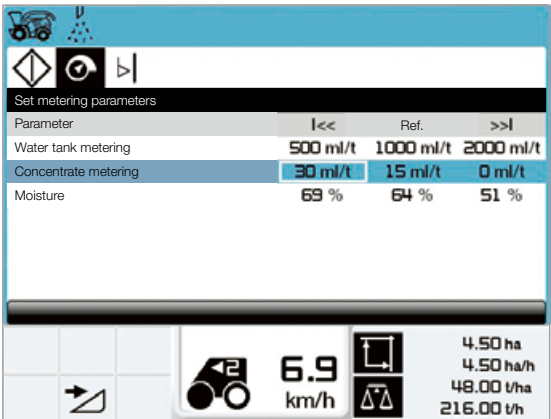
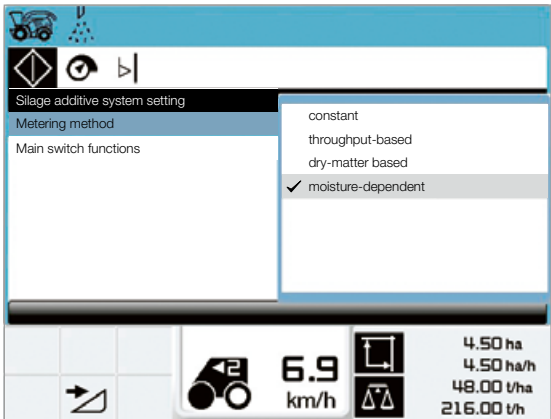
The metering is controlled via CEBIS. Furthermore, CEBIS informs the driver about the fill level of the tanks.

ACTISILER 20 for precise dosage.

There is currently a trend towards a reduced quantity and a higher concentration. 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 metering, the record of how much you apply and the monitoring functions are all easily managed using CEBIS.

- Separate 20 l tank for highly concentrated lactic acid solution
- Metering is controlled via CEBIS: constant: 200 ml/h to 7500 ml/h; throughput-based: 10 ml/t to 30 ml/t;
- Dosage on basis of dry matter possible

Both systems can also be used simultaneously.



Large opening for cleaning

AUTO FILL.

Right on target – now also to the rear.



AUTO FILL. Automatic filling of trailers.

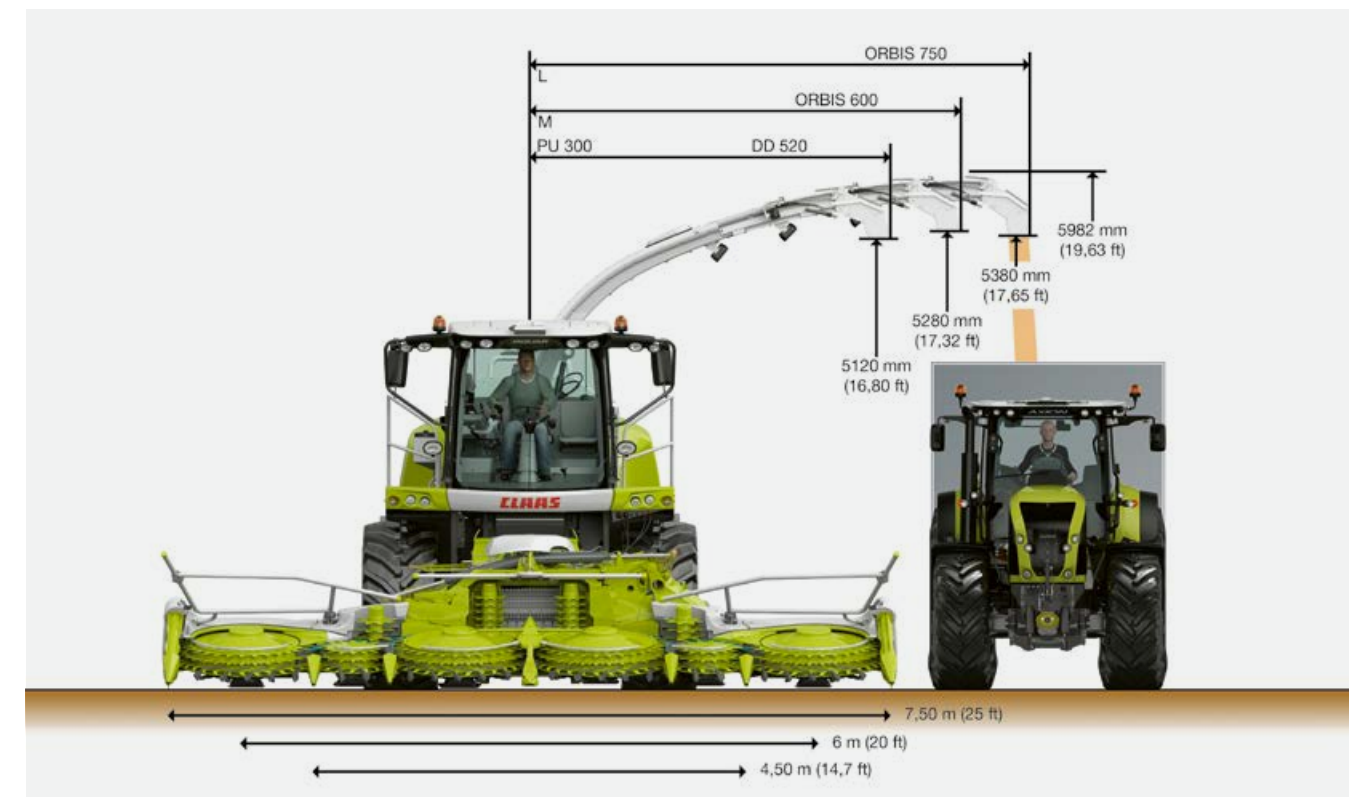
AUTO FILL is based on digital 3D image analysis. The system takes care of controlling the discharge spout for you.



NEW: AUTO FILL "Side Rear".

With the "Side Rear" AUTO FILL function, automated discharging from the forage harvester is now possible not only to the side but also to a trailer behind the forage harvester – perfect when starting chopping or dividing fields.

In chopping start-up mode, you can easily choose whether you wish discharging to take place to the side or the rear. For automatic filling to the rear, only the desired impact point needs to be specified.



The discharge spout. Modular design.

High strength and a low dead weight are the key characteristics of the discharge spout. The concentrated crop stream can be directed more reliably, minimising wasteful losses. The modular design enables the system to be rapidly adjusted to different working widths. Two extensions (M / L) allow operation up to a working width of 7.5 metres. The back of the discharge spout is entirely bolted: as a result, the top plates also function as wear plates.



LED lighting support. With the LED High End Work Light package, the swivelling spout lighting is additionally equipped with LED light technology. This ensures that the operator can still enjoy an excellent view if harvesting has to be carried out at night.

OPTI FILL. Extremely user-friendly.

The OPTI FILL optimised spout control system makes management of the transfer process extremely easy. The wide swivel angle of up to 225° allows an optimal view of the transfer process. When the discharge spout is swivelled, the end flap is adjusted automatically so that the transfer process takes place parallel to the direction of travel. Two permanently programmed spout positions simplify the swivelling process at the end of the field, e.g. when chopping up and down along one edge of a field. Furthermore, the discharge spout can be returned to its parking position automatically at the touch of a button.



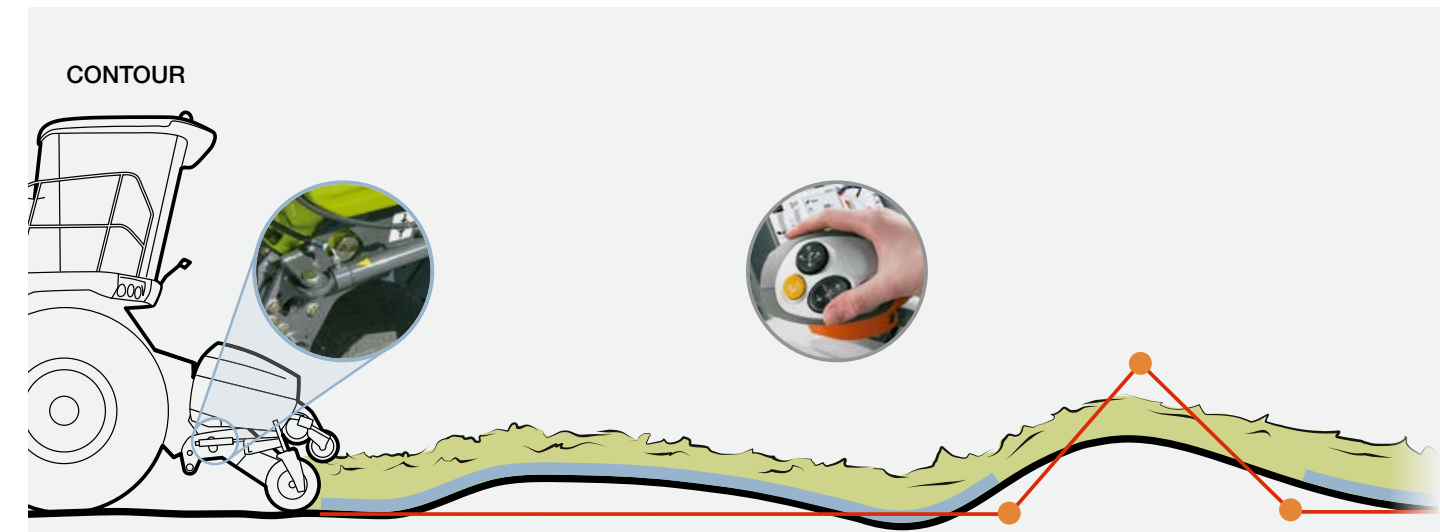
Effective and durable.
The JAGUAR front attachments.

- Maize harvesting with ORBIS or RU
- Swath collection with PICK UP
- Whole-plant cutting with DIRECT DISC
- Maize picking with CONSPEED

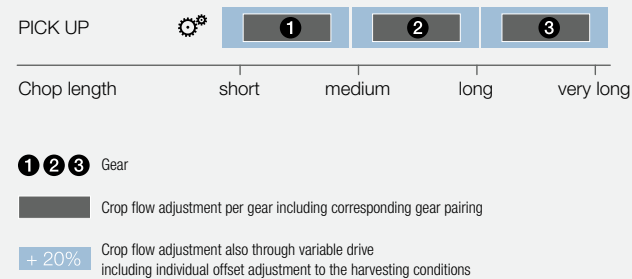


PICK UP.

A thorough job, perfectly controlled.



PICK UP. Crop flow adjustment.



PICK UP 380 and 300. Robust and flexible.

The trend towards ever more powerful forage harvesters and higher yields means that requirements such as clean crop intake, robust technology and straightforward operation are becoming ever more important.

The PICK UP 300 and 380 with respective working widths of 3.00 m and 3.80 m meet these requirements with a host of impressive details:

- Attachments can be easily attached and removed by quick-connect coupler and central locking lever on the left-hand side
- Small-diameter rake with four or five rows of tines for clean crop intake
- Large auger diameter designed for optimal crop transfer even at high throughput
- Excellent ground-contour following is achieved with a swivelling frame (PICK UP 380 only) and folding castor guide wheels (can be set without tools) – wear parts can be replaced easily after being subjected to extreme wear
- Rugged drive line with easy-to-operate, two-speed gearbox
- NEW: The optional variable drive of the JAGUAR ensures that the speed of the intake auger is automatically matched ideally to the set chop length; furthermore, the speed can be set manually for different harvesting conditions
- NEW: ACTIVE CONTOUR ensures that the control system reacts very quickly to uneven ground

Mowing and chopping. Direct harvesting. The DIRECT DISC.



Whole-plant cutting with the DIRECT DISC.

The DIRECT DISC cuts the crop with the MAX CUT mowing bar. The mowing discs, which are positioned well forward, produce very even stubble.

NEW: DIRECT DISC with paddle roller.

Harvesting very short to medium height crops with the DIRECT DISC 500 P is facilitated by an additional paddle roller which is adjustable for height. This has the advantage of ensuring a reliable crop flow from the mowing bar to the intake auger, especially when harvesting short crops such as legumes.

The DIRECT DISC 500 without a paddle roller is designed for use in medium height and tall crops. In this way it is possible to attain high harvest yields and handle crop heights of up to 4.0 m. CLAAS offers side knives for both model series. These are extremely helpful when harvesting severely intertwined crops, such as vetch-rye or sorghum.

DIRECT DISC 500



NEW: DIRECT DISC 500 P



Simple, convenient, variable.

- Simply couple and lock with the quick coupling
- Delayed activation of paddle, auger and the mower unit means that DIRECT DISC can also be used under full load
- Three different speeds of paddle and auger for a smooth crop flow and optimal chopping quality
- Proven DISCO MAX CUT mowing bar for high chopping output and neat work quality.
- Reduced downtime, thanks to quick blade change
- Perfect adaptation to harvesting conditions with hydraulically height-adjustable paddle roller
- Easy access to conveying elements through large service opening
- Excellent ground adaptation through mechanical lateral balance and skid-assisted guidance with ground pressure control
- Side knives optionally available



Safe on the road



Side knives for DIRECT DISC 500



Hydraulic clutch for sequential actuation of auger and mowing bar



Quick knife change



Quick coupling

Incisive and flexible. The ORBIS.



ORBIS. Row-independent harvesting.

The ORBIS row-independent maize header combines experience gained in practical use all over the world with innovative ideas relating to the design and drive.

- Quick coupler for easy frictional connection with JAGUAR
- Working width of 4.50 m, 6.00 m or 7.50 m
- Optimal crop flow: consistent chopping quality depends on a longitudinal plant feed
- Light-running drive: low starting torque and low power requirement, so that it can be engaged and reversed under power



The ORBIS 600 SD is offered in parallel to the ORBIS 600. The SD is particularly suited to normal and low-growing stands. The outer sections with the small discs and the additional vertical feed drums enable an extremely good crop flow. It is also possible to cut the stubble extremely close.

The ORBIS 600 with the large discs comes into its own in normal and very high yield maize stands.



Integrated transport system.

During road travel, the running gear integrated in ORBIS is deployed. The hydraulic rams are actuated actively during road travel. The vibration damping allows comfortable and safe road travel at up to 40 km/h.

During field work, the running gear is deactivated and retracted into the parking position.

- 3-speed transmission for perfect adjustment to different field conditions
- Excellent ground-contour tracking with suspended-frame geometry for ideal lateral balance
- Active AUTO CONTOUR control is available as an option
- Low maintenance outlay



AUTO CONTOUR, ground pressure control with lateral levelling



Gentle crop transport and self-sharpening effect



Integrated transport system

Robust and proven. RU 450 and CONSPEED.

RU 450: up to 4.50 m working width.

The crop flow concept is based on three large cutting and transport discs rotating counterdirectionally to each other. The cut surfaces of the plants rest on the blade and create a self-sharpening effect as they are fed in.



An aggressive crop flow is ensured by the intake auger whose speed can be optimised in line with the set chopping length. The simple construction makes for ruggedness and reliability and has proven itself remarkably well.

- Low power requirement
- Reliable crop transport under all conditions
- Can be switched on and reversed under full load
- Adapts easily with quick coupler



Maize cob silage (MCS): harvesting with a maize picker on the JAGUAR.

MCS is forage with a high energy concentration and is primarily used in cattle farming for milk and meat production.

- The following additional equipment is recommended for high-quality whole crop silage (WCS) or MCS silage harvesting:
- WCS / MCS friction bar wedge installed behind the mounting block
 - WCS / MCS friction concave plate
 - Corncracker with fine meshed rollers and 60 % speed difference

CLAAS adapter.

The adapter allows a combine-harvester maize picker to be fitted to the JAGUAR at any time.



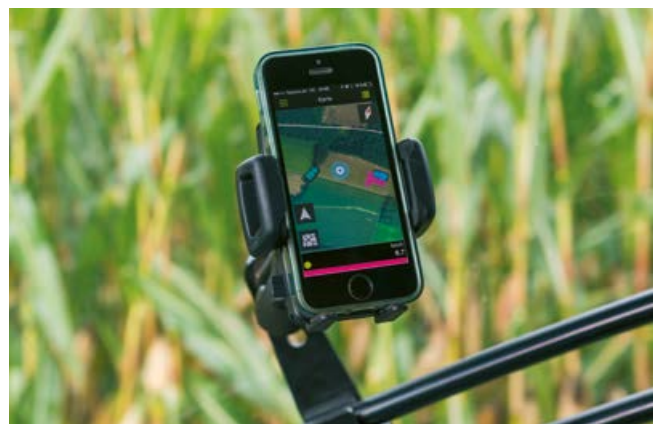


A complete overview with just a click of the mouse.

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

All information by email to optimise the fleet.

A report detailing the operating hours analysis and other important analyses is sent to you daily by email. 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, movement data based on vehicle tracks can be retrieved with the event log, thereby enhancing transport logistics. TELEMATICS facilitates systematic fleet management and avoids unprofitable downtime.



NEW: Fleet View app.

In Fleet View, CLAAS has created an app which allows a harvesting chain to keep on working without idle time. The app continuously informs all the operators/drivers about the position of the forage harvester and the trailers.

- Trailer drivers can choose the optimal field entrance and avoid unnecessary detours.
- Trailer drivers can see if the forage harvester is idle or harvesting
- Trailer drivers can spot oncoming trailers and take the necessary action to avoid them
- The forage harvester operator can anticipate waiting times and use these for knife sharpening, for example

Automatic documentation.

This function documents and processes the process data automatically. As an extension to TELEMATICS, the automatic documentation system transfers the job data relating to the specific field deployment – without any intervention by the machine operator – to the server where they are interpreted and processed. This is carried out on the basis of the field boundaries previously uploaded from your system. Further processing is straightforward, as all machine-relevant data can be exported in ISO-XML format.

Faster service: CLAAS remote diagnostics.

With your consent, TELEMATICS can transmit maintenance and repair data to your CLAAS distributor. This enables your CLAAS partner to carry out an initial analysis via CDS REMOTE - when required - to find the causes of faults more quickly and to make optimum preparations to assist you on site as quickly as possible.

Yield data optimisation through weighbridge.

The data from a weighbridge can be uploaded via TELEMATICS. These data are then used to correct the yield data automatically via TELEMATICS.

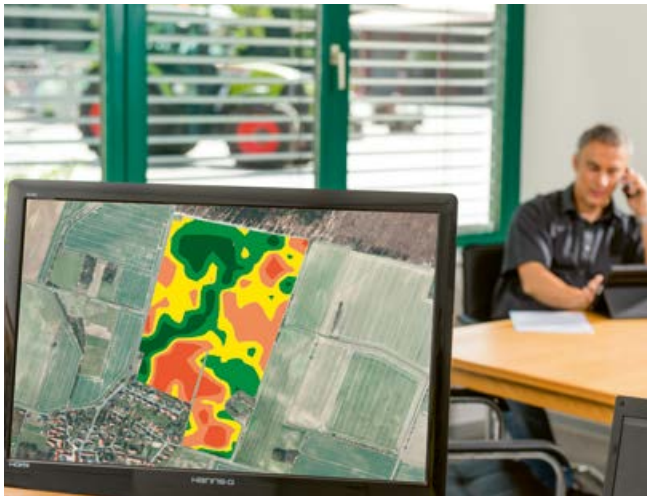


Automatic documentation



Weighbridge

Modular and ready for immediate use.
Data management.



2. Job management (initial expansion stage)

AGROCOM MAP START software allows you to manage data relating to specific customers and jobs and then transfer these to your PC by means of a CompactFlash Card. Furthermore, TELEMATICS allows you to monitor the job in question online.

3. Job management (second expansion stage):
yield mapping

Building on the foundation of the job management functions, you can use your JAGUAR to perform yield mapping. The QUANTIMETER and the moisture measurement function allow the yield to be determined while CEBIS adds geographic coordinates using GPS satellite data. All measurements are stored on portable chip cards to facilitate transfer. With the AGROCOM MAP START software, you can produce informative yield maps to use as a basis for your future production strategy.

Benefit immediately from current data.

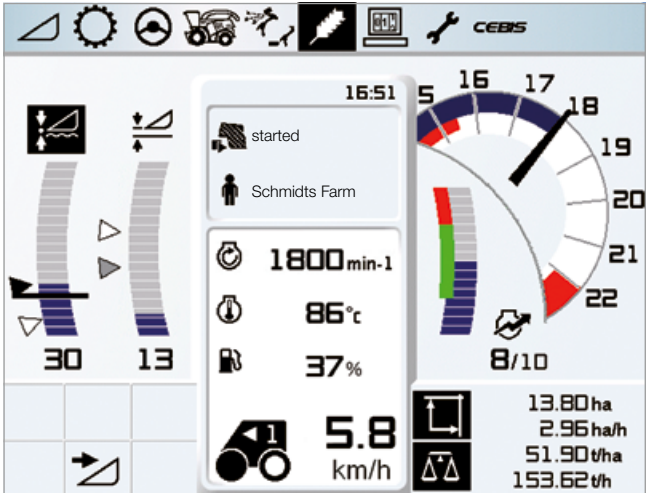
You can prepare customer data in CEBIS before running and processing them with CEBIS.

- All the data are backed up when a specific job is completed or the working day comes to an end
- The data can be printed out selectively or transferred by data card for job processing
- With TELEMATICS, the data can also be accessed online with a PC and can be reused, e.g. for customer invoicing

Data management.

1. Job management, standard

It is possible to create a collection of 20 jobs in CEBIS. As a result, all the relevant data are available to you at all times and you also have the option of printing them out.



Individual data can be printed selectively



Precision systems that reduce the operator's workload. The guidance systems.



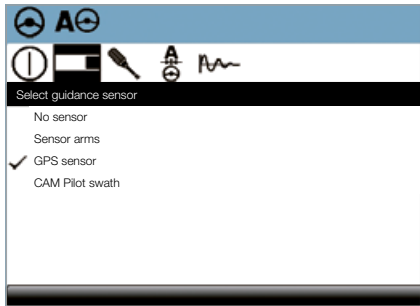
Seeing with CAM PILOT.

The CAM PILOT assumes control of steering the JAGUAR in combination with the PICK UP. The swath is detected as a three-dimensional image by a twin-lens camera. Correction signals are transmitted to the steering mechanism in the event

of deviations in the swath shape or direction. The steering axle then responds to these steering commands. This makes for a reduced operator workload at speeds up to 15 km/h as well as loss-free harvesting.

Guidance by GPS PILOT.

GPS PILOT uses a satellite signal to guide the JAGUAR reliably in parallel paths or along curved contours defined by the crop edge. The system allows the operator to use the full working width while reducing overlapping. This makes it possible to obtain higher work quality in a shorter time, regardless of light or weather conditions.



CEBIS: selection of guidance system

Sensing with AUTO PILOT.

During the harvesting process, maize is usually followed in rows, even with row-independent maize front attachments. Two sensor arms each gauge a row of maize. The signals generated by these sensors are translated into corrective steering impulses. Twin-row sensing allows automatic guidance in row widths from 37.5 cm up to 80 cm.



Durable and reliable. The PREMIUM LINE package.

Now also available ex factory.

For demanding harvesting conditions, PREMIUM LINE offers specially coated and highly wear-resistant parts. The extremely long service life of these parts increases their operating hours significantly. And that saves you time and money.

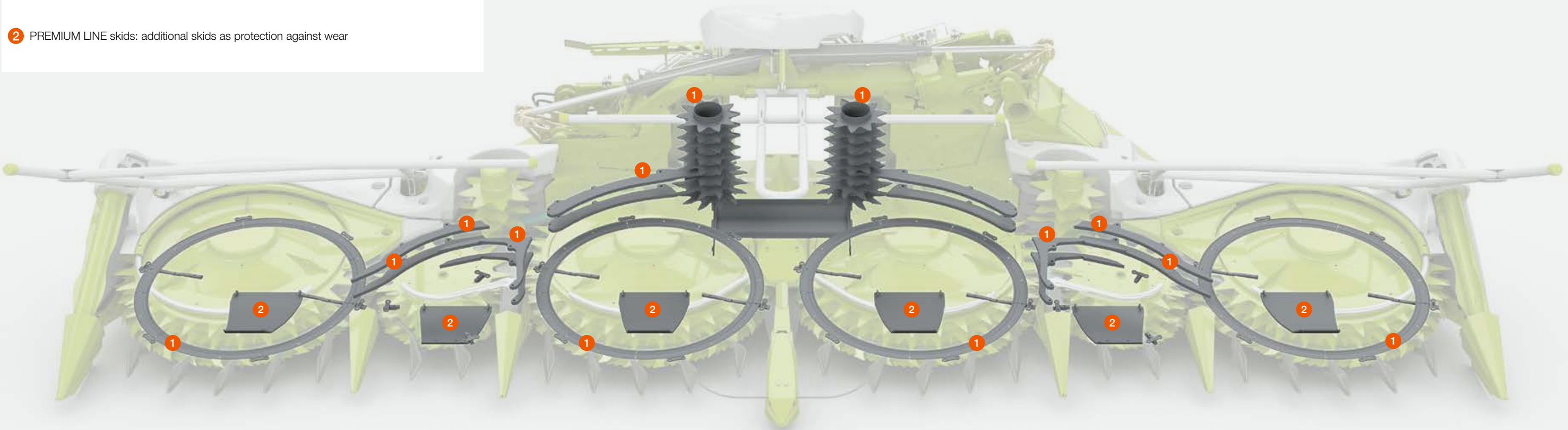


- 1 Feed roller wear bars
- 2 Drum roller stripper bar
- 3 PREMIUM LINE shear bar
- 4 Wedge behind shear bar
- 5 Sharpening stone
- 6 Drum concave
- 7 Vanes
- 8 Rear wall of grass chute
- 9 Corncracker rollers
- 10 Accelerator paddles
- 11 Accelerator housing, two-part
- 12 Accelerator housing, left / right sides
- 13 Accelerator, rear wall
- 14 Spout rotation assy.
- 15 All spout wear plates

Wear reduced. Low maintenance.
High reliability.

PREMIUM LINE protection against wear.

- 1 PREMIUM LINE crop flow: a special wear coating gives feed drums low wear characteristics. Welded interior guide strips made from HARDOX. Exterior guide strips made of steel. Additional wear elements to protect the large cutting discs and knives.
- 2 PREMIUM LINE skids: additional skids as protection against wear



PREMIUM LINE for ORBIS.

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.

High operational reliability.

It is often the case that every minute counts during the forage harvesting period. Time-consuming maintenance work is a nuisance and also a cost factor as it reduces the number of productive hours – and also your profit margin.

With ORBIS, wear-resistant parts ensure high long-term reliability:

- The knives have a tungsten carbide coating to increase their service life
- The speed difference between the knife disc and the transport disc creates a self-sharpening action
- The knife discs and transport discs have a modular structure comprising six segments and are easily accessible; as a result, in the event of damage, only the segment concerned needs to be replaced, rather than the entire unit.

Extremely maintenance-friendly design.

CLAAS engineers have done all they can to keep maintenance requirements to a minimum.

- Lubrication is only required every 250 operating hours
- All lubrication points are easily accessible
- A transmission oil change is only required after 1000 operating hours
- All wear parts can be replaced quickly and easily



Quick and straightforward.
Unique maintenance concept.



High operational reliability.

Every minute counts in the short forage harvesting period. Time-consuming maintenance work is a nuisance and also a cost factor, since it reduces the number of productive hours – and also your profit margin. The automatic central lubrication system and combined grinding and shear-bar adjustment function are just two examples of how maintenance times can be reduced and operating times boosted.

In addition, you also experience increased reliability during the season with highly wear-resistant components used throughout the crop flow of the JAGUAR. So your JAGUAR is always right where it belongs: out in the field, doing what it does best – working hard.

Extremely maintenance-friendly design.

- Once the housing has been opened, you have a perfect view of the knives and shear bar
- It takes just ten minutes to separate the chopping cylinder and the intake on the JAGUAR
- Important engine maintenance is carried out quickly; all service points can be accessed easily from all four sides
- The automatic central lubrication unit with storage for eight litres of grease is sufficient for around 120 hours of operation
- Large side panels allow unrestricted access to the cooling system, the corncracker and the accelerator
- The corncracker can be removed quickly and easily
- If maintenance is required, the accelerator can also be removed by two people in the space of an hour
- The on-board compressed air supply can be used for many different cleaning tasks
- The service lighting makes it possible to carry out maintenance work during the hours of darkness, too



V-opening action



Ease of access to chopping cylinder



Air filter change without tools



Compressed-air cleaning

Whatever it takes. CLAAS Service & Parts.



Your requirements count.

You can always rely on us: we'll be there whenever you need us – everywhere, quickly and reliably, around the clock if necessary, with precisely the solution that your machine or business requires. Whatever it takes.

ORIGINAL parts and accessories.

Specially matched to your machine: precision-manufactured parts, high-quality consumables and useful accessories. We will supply exactly the right solution from our comprehensive product range to ensure that your machine is 100% reliable. Whatever it takes.



For your business: CLAAS FARM PARTS.

CLAAS FARM PARTS offers one of the most comprehensive ranges of parts, regardless of brand and sector, for all agricultural applications on your farm. Whatever it takes.

Always up to date.

CLAAS dealers are among the most efficient agricultural technology companies in the world. Our service teams are ideally qualified and equipped with the all-important special tools and diagnostic systems. CLAAS Service stands for high-quality work which meets all your expectations with regard to expertise and reliability. Whatever it takes.

Reliability can be planned.

With our service products, you can increase your machine reliability, minimise your risk of breakdowns, and budget with confidence. CLAAS MAXI CARE offers planned reliability for your machine. Whatever it takes.

Worldwide coverage from Hamm.

Our central spare parts warehouse delivers all ORIGINAL parts quickly and reliably all over the world. Your local CLAAS partner can supply the right solution for your harvest or your business within a very short time. Whatever it takes.

Problem solving by remote diagnostics:
CLAAS TELEMATICS.

CLAAS TELEMATICS on your machine brings two important advantages: fast assistance from CLAAS service technicians and more profitable operation thanks to wireless networking. We can be there, on the spot, to solve your problem – even when you can't see us. Whatever it takes.

The CLAAS Parts Logistics Center in Hamm, Germany, stocks more than 155,000 different parts in a warehouse area of over 100,000 m².



Reliable and efficient.

JAGUAR 800



JAGUAR. The only choice.

Here's why:



Cab.

- The spacious, comfortable VISTA CAB with excellent all-round visibility
- CEBIS for reliable control and an immediate overview of all the key machine settings, service data and consumption functions
- TELEMATICS – machine monitoring online
- Multifunction lever for precise operation with unrivalled comfort

Crop flow.

- Optimum straight crop path from the intake rollers to the accelerator and discharge chute
- Powerful, robust intake with large intake opening, metal detector and STOP ROCK stone detector
- Proven V-CLASSIC chopping cylinder
- MULTI CROP CRACKER with expanded product range for optimal crop processing
- The optional ACTISILER 20 system is ideal for the efficient application of concentrated silage additives

Drive.

- Engines from Mercedes-Benz
- CRUISE PILOT for JAGUAR 870, automatic forward travel control which takes account of throughput and engine speed for maximum use of capacity
- DYNAMIC POWER – helps save diesel in the partial-load range

Running gear.

- Optimised running gear with excellent manoeuvrability
- Mechanical all-wheel drive

Electronics expertise.

- QUANTIMETER with continuous dry matter measurement
- OPTI FILL – optimised filling of transport vehicles
- Highly efficient direct drive to the chopping unit
- NEW: AUTO FILL – automatic filling of trailers to the side and to the rear
- Automatic guidance: optical, via satellite or mechanical
- NEW: Programmed payload detection

Maintenance.

- Unique accessibility concept allows all maintenance tasks to be carried out quickly and easily
- PREMIUM LINE OPTION – factory-fitted with heavy-duty parts in the crop flow path

JAGUAR		870	860	850	840
Engine					
Manufacturer		Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz
Type		OM 473 LA	OM 471 LA	OM 471 LA	OM 470 LA
Cylinders		S6	S6	S6	S6
Displacement	l	15.6	12.8	12.8	10.6
Emissions standard Stage IV (Tier 4)					
Engine output at working speed of 1700 rpm (ECE R 120)	kW (hp)	430 (585)	380 (516)	340 (462)	300 (408)
Fuel tank + auxiliary tank	l	1000 + 300	1000 + 300	1000 + 300	1000 + 300
Urea tank	l	130	130	130	130
Fuel consumption measurement		o	o	o	o
DYNAMIC POWER		o	o	–	–
Running gear					
Traction drive: 2-speed OVERDRIVE transmission, automatic (hydrostatic)		●	●	●	●
Steering axle, standard		●	●	●	●
Steering axle, 3 x adjustment, distance btw. axle flanges (wheel mounting face)	mm	2470/2930/3090	2470/2930/3090	2470/2930/3090	2470/2930/3090
Driven steering axle, POWER TRAC, mechanical		o	o	o	o
Water / silage additive tank	l	375	375	375	375
ACTISILER 20, highly concentrated	l	20	20	20	20
Automatic lowering and CONTOUR ground pressure control		●	●	●	●
Front attachments					
Maize header, row-independent, ORBIS / RU (rows / width)	r/m	10/7.5, 8/6, 6/4.5	10/7.5, 8/6, 6/4.5	8/6, 6/4.5	8/6, 6/4.5
PICK UP 300 / 380	mm	2623/3599	2623/3599	2623/3599	2623/3599
DIRECT DISC 520 direct cutterbar	mm	5125	5125	5125	5125
DIRECT DISC 500 direct cutterbar	mm	5130	5130	5130	5130
Crop flow					
Intake width	mm	730	730	730	730
No. of intake and precompression rollers		4	4	4	4
Chopping cylinder, width	mm	750	750	750	750
Chopping cylinder, diameter	mm	630	630	630	630
Chopping cylinder, speed at rated speed	rpm	1200	1200	1200	1200
V-CLASSIC cylinder (20 knives)		V20	V20	V20	V20
Chop lengths, 6-step mechanical	mm	5/6.5/8.5/11/17/21	5/6.5/8.5/11/17/21	5/6.5/8.5/11/17/21	5/6.5/8.5/11/17/21
V-CLASSIC cylinder (24 knives)		V24	V24	V24	V24
Chop lengths, 6-step, mechanical	mm	4/5.5/7/9/14/17	4/5.5/7/9/14/17	4/5.5/7/9/14/17	4/5.5/7/9/14/17
V-CLASSIC cylinder (28 knives)		V28	V28	V28	V28
Chop lengths, 6-step, mechanical	mm	3.5/4.5/6/8/12/15	3.5/4.5/6/8/12/15	3.5/4.5/6/8/12/15	3.5/4.5/6/8/12/15
Automatic knife sharpening from cab		●	●	●	●
Automatic adjustment of shear bar from cab		o	o	o	o
INTENSIV CRACKER M (D = 196 mm)		o	o	o	o
MULTI CROP CRACKER CLASSIC M (D = 196 mm)		o	o	o	o
MULTI CROP CRACKER CLASSIC L (D = 250 mm)		o	–	–	–
MULTI CROP CRACKER MAX (D = 265 mm)		o	–	–	–
MULTI CROP CRACKER SHREDLAGE® M (D = 196 mm)		o	o	o	o
MULTI CROP CRACKER SHREDLAGE® L (D = 250 mm)		o	–	–	–
Crop accelerator, width	mm	680	680	680	680
Crop accelerator, diameter	mm	540	540	540	540
Crop accelerator, mechanical clearance setting		o	o	o	o
Discharge spout, breakback protection		●	●	●	●
Discharge spout, swivel angle, standard	degrees	210	210	210	210
Discharge spout, swivel angle with OPTI FILL / AUTO FILL	degrees	225	225	225	225

JAGUAR		870	860	850	840
Discharge					
Discharge spout S (up to DD 250)		●	●	●	●
Discharge spout, extension, M (ORBIS 600)	mm	1 x 750 = 750	1 x 750 = 750	1 x 750 = 750	1 x 750 = 750
Discharge spout, extension, L (ORBIS 750)	mm	2 x 750 = 1500	2 x 750 = 1500	2 x 750 = 1500	2 x 750 = 1500
SY features					
OPTI FILL, optimised spout control		o	o	o	o
AUTO FILL, automatic trailer filling		o	o	o	o
STOP ROCK, stone detector		o	o	o	o
QUANTIMETER, throughput measurement		o	o	o	o
QUANTIMETER + continuous moisture measurement		o	o	o	o
Job management		o	o	o	o
Yield mapping		o	o	o	o
TELEMATICS		●	●	●	o
AUTO PILOT, central sensors (maize)		o	o	o	o
CAM PILOT, swath recognition (grass)		o	o	o	o
GPS PILOT		o	o	o	o
CRUISE PILOT		o	–	–	–
Maintenance					
Central lubrication, grease reservoir capacity 8 l		o	o	o	o
Service lighting		o	o	o	o
VISTA CAB					
A/C-MATIC air conditioning		o	o	o	o
CEBIS colour monitor		●	●	●	●
Printer		o	o	o	o
Standard seat		o	o	o	o
Comfort seat		o	o	o	o
Swivelling seat		o	o	o	o
Premium seat, ventilated, heated		o	o	o	o
Passenger seat		●	●	●	●
Basic machine without front attachment					
Working length	mm	6495	6495	6495	6495
Working height with discharge spout extension L	mm	5450	5450	5450	5450
Transport height	mm	3897	3897	3897	3897
Transport length with discharge spout extension L	mm	8015	8015	8015	8015
Weight on standard tyres without front attachment	kg	11550	11150	11150	11050
Tyres					
Drive axle, transport width by tyre size					
650/75 R 32	mm	2990	2990	2990	2990
710/75 R 32	mm	3180	3180	3180	3180
800/65 R 32	mm	3299	3299	3299	3299
Steering axle, transport width by tyre size					
16.5/85-24 14PR	mm	2845	2845	2845	2845
540/65 R 24	mm	2960	2960	2960	2960
600/55-26.5	mm	3120	3120	3120	3120

CLAAS continually develops its products to meet customer requirements. This means that all products are subject to change without notice. All descriptions and specifications in this brochure should be considered approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. To avoid any risk of danger, never remove these protective panels yourself. In this respect, please refer to the relevant instructions in the operator's manual.

All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.



Ensuring a better **harvest.**

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