

JAGUAR
900 890 870 850 830

CLAAS

Versatility you can
count on.



Horsepower is good.
Versatility is even better.





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JAGUAR – for grass, maize and much more...

Proven in the field.

For a forage harvester to become a world market leader, it has to be the best in more than one discipline – for example, grass, maize and much more besides. You can ensure a top return on your investment only by harvesting a higher acreage in less time, and that's what makes the JAGUAR so attractive.

Built-in versatility.

The JAGUAR is the best selling forage harvester in the world. This status is due to, among other things, its enormous versatility. Harvesting or picking maize, whole-plant cutting, swath pickup, grass mowing, grain and willow harvesting – wherever outstanding chop quality is demanded, the JAGUAR is in its element. In Provence it is even used in the lavender harvest.

Perfect for biogas.

On many farms, biogas production is gaining importance as a source of income. This is where the strengths of the JAGUAR really stand out – thanks to the wide range of headers, you can harvest grass, whole crop and maize all year round, and base your biogas production on several input sources.

The new GREEN EYE package for superior comfort.

CLAAS has always regarded comfort as a top priority – in the cab, for the driver in the field and on the road. Many familiar and sought-after JAGUAR features are available in the attractive GREEN EYE package:

- New HD discharge spout
- Automatic spout swivel
- Diesel consumption display
- Auxiliary tank (+ 150 l)
- Roller sunblinds for the cab
- Side window wipers
- Side work lights
- "GREEN EYE" legend on driver's door



GREEN EYE package

"My drivers want a forage harvester with top performance, and they want to still feel fit at the end of the shift. My customers want excellent forage quality. And I want a machine that meets all these requirements."

(Felix Ilemann, contractor, Oldenburg, Germany)





Impressive drive-line design
Smooth product flow
Robust intake

Perfect chop quality
Engines from 354 to 653 HP
Excellent reliability

Focus on performance

The world's best forage harvester is only as good as its driver.



The CLAAS comfort cab.

Good drivers get the most out of their machines – especially in a perfect working environment.

In the JAGUAR, there's simply nothing to distract you. The noise level is kept to a minimum. The steering column and driver's seat can be adjusted to suit each and every driver. Thanks to the clearly laid-out displays and controls, you'll feel at home in the JAGUAR in no time. Roller sunblinds, air conditioning, radio and a coolbox are useful extra touches designed to keep drivers fresh and alert, no matter how long they're on board.

- Spacious two-seater cab
- Glass on all sides for an all-round unrestricted view
- The windscreen comes with a circular washer/wiper system
- Side window wipers for a clear all-round view
- Easy activation of sharpening and shear bar adjustment from the cab

All operations can be activated simply and monitored with the help of the clearly laid-out terminal located on your right.

Included in the GREEN EYE package:

- Side window wipers
- Sunblinds





The speed control lever – perfection.

You can control the JAGUAR extremely precisely. The multifunction swivel lever is an object lesson in ergonomics whose sensitivity can be adjusted to suit your driving style perfectly. You have a choice of three control response levels for optimum sensitivity.

- Multifunction lever integrated in the right armrest
- Can be tailored perfectly to your height
- Handrest for enhanced comfort while working
- All the functions required for harvesting in one handle, including travel direction and speed, raising and lowering the header, reversing the intake, and more

Automatic climate control.
No more freezing or sweating – always the right temperature with the A/C MATIC climate control, even if it's 50°C in the shade.



Comfort cab
Multifunction lever



The name says it all.

The electronic competence of CLAAS can be summarised in a word: EASY. It 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 combines and top results for your operation.

EASY on board CIS CLAAS information system.

Settings are programmed and monitored via the central control terminal.

COMMUNICATOR.

The CIS is complemented by the CLAAS COMMUNICATOR. This continuously records important machine data which can be printed out on the spot aboard the machine.

Go on. Go easy.

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

- on board – Machine control and performance optimisation from the cab
- on field – Increased productivity directly in the field
- on track – Machine monitoring and remote diagnostics
- on farm – Software solutions for your operation

EASY on field.

The AUTO PILOT system for CLAAS harvesting machines was the first steering system which CLAAS launched on the market in 1977. Since then, the principle has proven its effectiveness thousands of times over.



Well-organised control concept.



QUANTIMETER throughput display and task management.

EASY. More to rely on.



AUTO PILOT.

EASY
Efficient Agriculture Systems
by CLAAS

It's good to know that all this sophisticated technology can be controlled so conveniently.



CLAAS CIS information system

An intelligent control concept plays an important part in increasing productivity in your day-to-day work. With the JAGUAR, you can get the most out of your machine with just a few actions, or at the touch of a button.

The CLAAS CIS information system is a drive information unit and onboard computer in one – you call up all machine and service data with the push of a button. The diesel consumption meter calculates exact data for invoicing. The engines are highly efficient with huge torque backup, so you can drive the JAGUAR to its limits in complete confidence.

CLAAS QUANTIMETER

The JAGUAR QUANTIMETER keeps you up to date throughout the harvest. The machine determines the throughput volume based on the intake width, crop flow height and intake speed.

CLAAS COMMUNICATOR

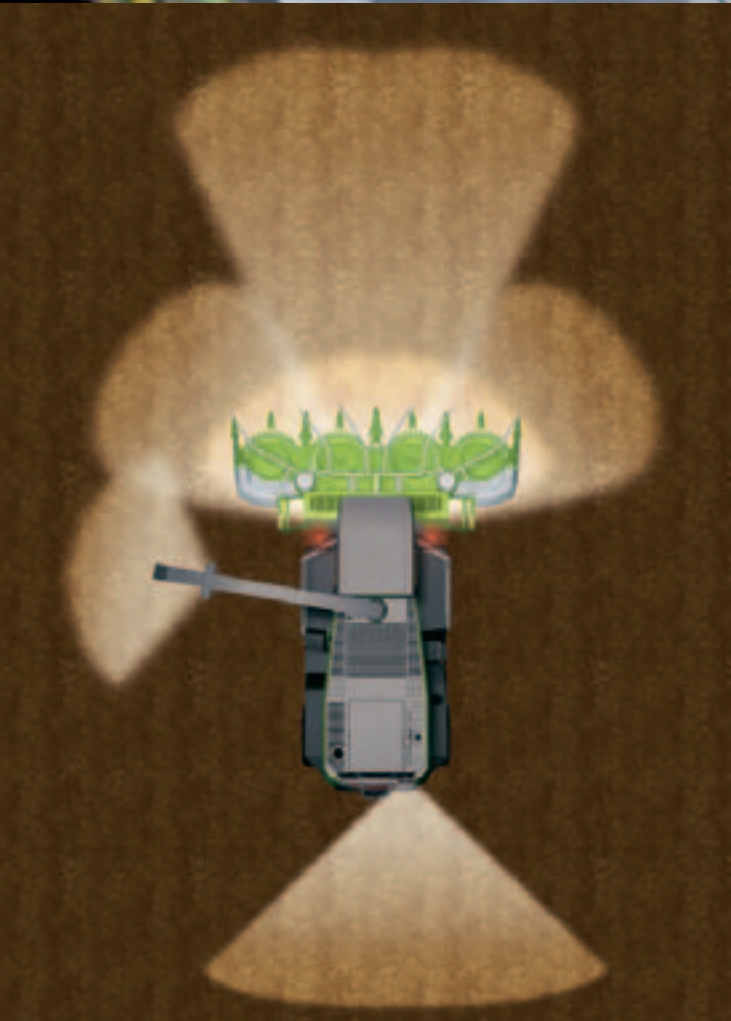
In addition, the clearly laid-out terminal on the CLAAS COMMUNICATOR supplies you with all important machine data:

- Engine hours
- Intake hours
- Yield per hectare
- Hectare count
- Throughput in tonnes per hour, or tonnes per job order (ha/ac)
- Total diesel consumption, per hectare or per hour

You have the option of printing out the calculated values. In just a few seconds, you have everything in black and white: the exact crop volume, diesel consumption and all the data you need to accurately bill your client for the work done.

QUANTIMETER
throughput
measurement.





Lighting

With the JAGUAR, your productivity isn't limited by the time of day – when it gets dark, you simply turn night back into day. The powerful H9 headlamps light up even the darkest corner of your working area, making it easy to continue working during the twilight hours or when night falls.



Included in the GREEN EYE package:

- Side working lights

CIS information system
QUANTIMETER
Lighting

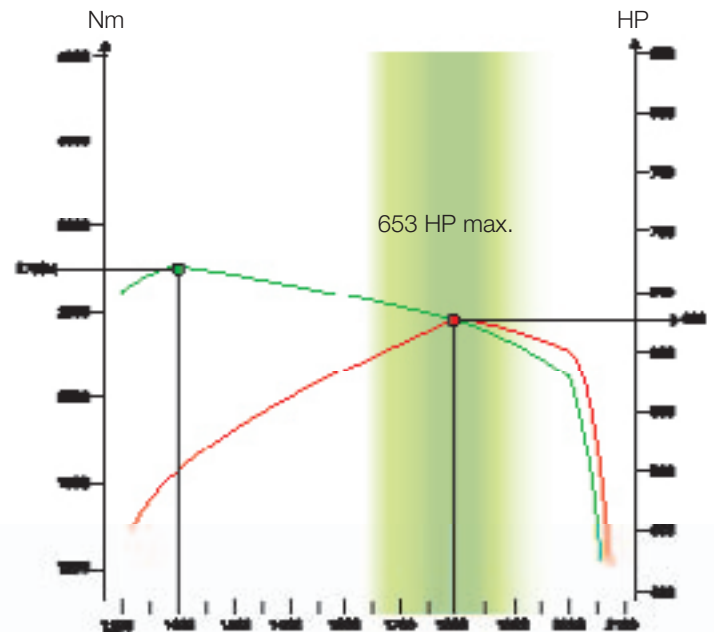
It loves hard work – and proves it through astounding work rates.

Powerful Mercedes Benz engines.

As a rule, you run your JAGUAR at maximum torque, because that's where the engine develops the best performance with the lowest fuel consumption, and the chopper achieves maximum throughput.

- 6- or 8-cylinder engines from Mercedes-Benz
- Power range from 260 kW/354 HP to 480 kW/653 HP
- Fuel-efficient performance with low noise
- Meets the legal definition embodied in the TIER-3 emissions standard
- Steady power rise up to the ideal engine speed of 1,800 rpm
- The electronically controlled fuel injection responds in a flash and contributes to low fuel consumption

JAGUAR 900



Included in the GREEN EYE package:

- 150-litre auxiliary tank
- Fuel consumption display





Unique, and exclusive to CLAAS.

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

Built-in compressor.

It's pretty obvious that a forager is bound to get dirty when it spends a great deal of time in dusty or muddy conditions. With its built-in compressor (600 l/min at 9.5 bar), you can simply blow the dirt clean away. You can carry out cleaning work immediately, in the field. You can also clean the windscreens, cab or filter at any time. A connection for air-driven tools is provided to make everyday servicing easier.

In conjunction with the compressor, you can equip the JAGUAR with an optional trailer-braking system, so that air-braked trailers can be safely used on the road.

Effective 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.



Engine
Cooling
Compressed-air cleaning
Trailer-braking system



Proven drive concept.

The revolutionary drive concept on the JAGUAR was developed by CLAAS engineers in 1993 and still sets the standard today. Its intelligent design and the reliable, direct power transmission have proven themselves thousands of times over in practice – an excellent reason to leave everything just as it is.

With this generation of the JAGUAR we have therefore stayed true to our tradition with a transverse engine arrangement. This design has a number of important benefits for your daily operation:

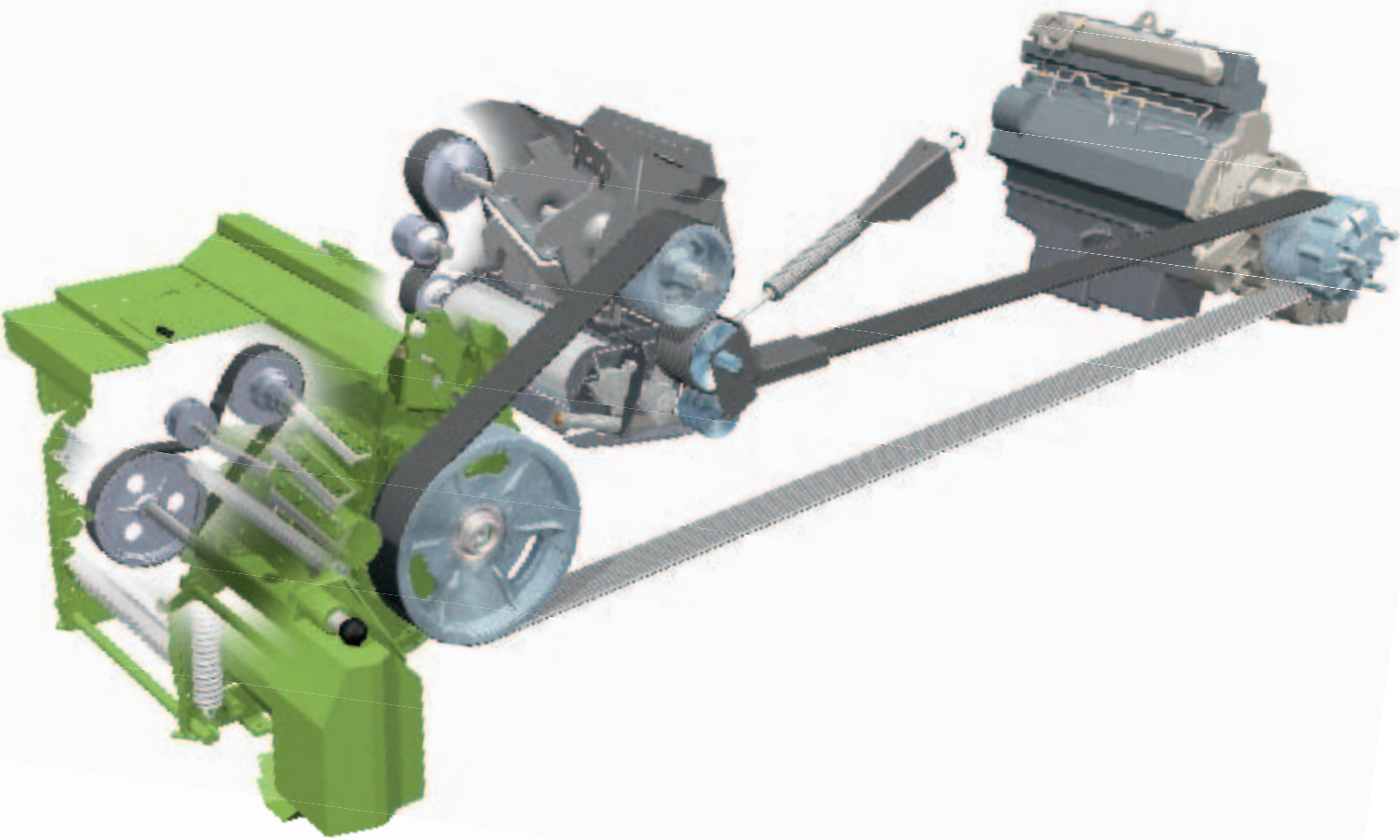
- The chopping unit is driven directly from the engine main clutch via a maintenance-free, one-piece powerband
- This direct drive guarantees unrivalled power transmission characteristics, so less power is wasted and more power is available for other functions
- The transverse engine arrangement is easily accessible from all sides
- Maintenance operations can be carried out quickly
- The durable main clutch is maintenance-free
- The drive for the intake and the headers requires only a minimum of maintenance
- The powerband is constantly tensioned within a fine tolerance, ensuring a very long service life

- The header and chopping drum have an all-mechanical drive for maximum efficiency



Under extreme conditions, harvesting 90 tonnes of maize per hectare is normal, as are temperatures of up to 50°C, massive dust generation and up to 1,800 working hours per machine per year. Danell Bros. in California have 20 JAGUAR foragers doing just that. The facts speak for themselves.

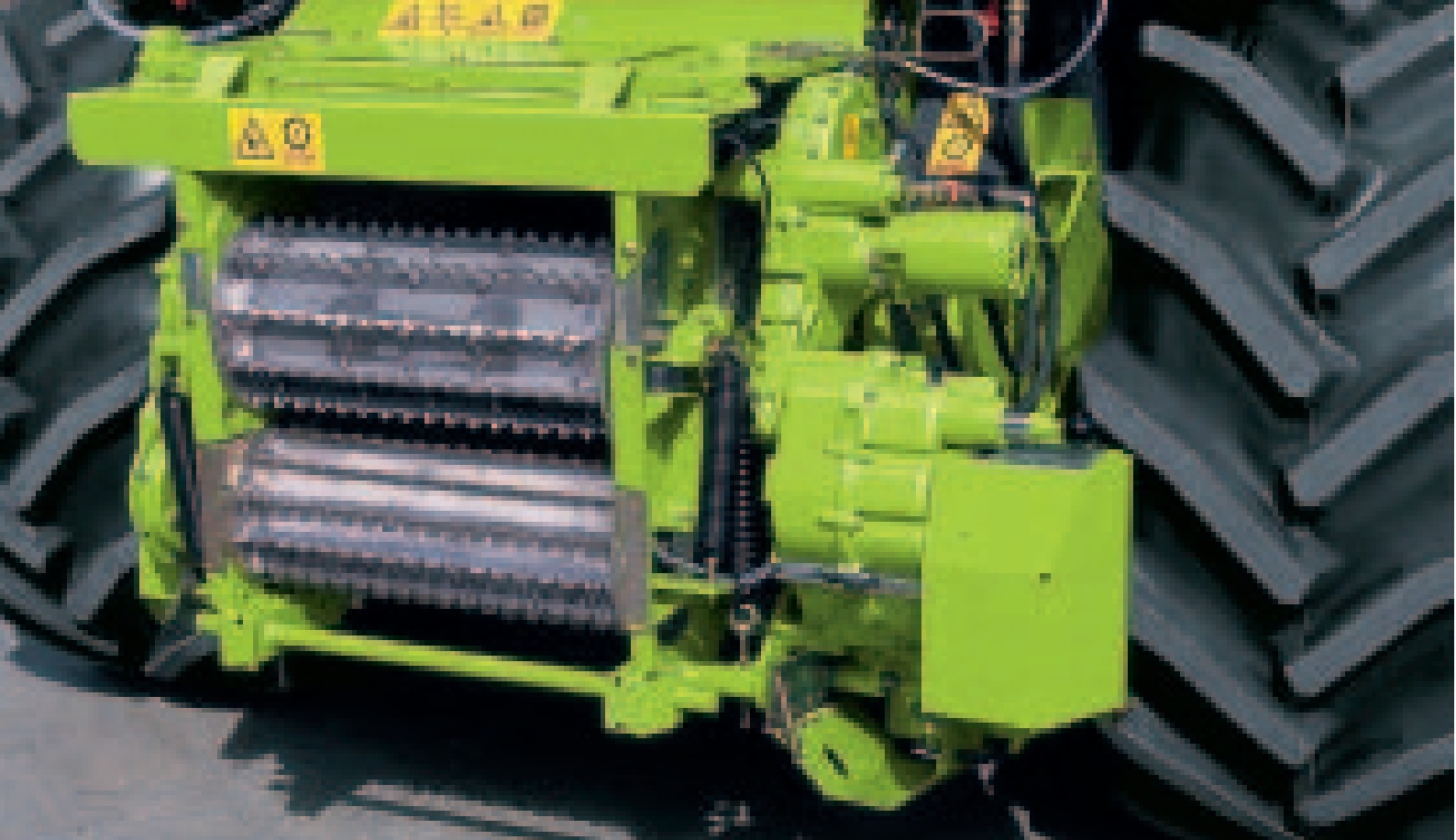
The best that could happen to this drive system – we haven't changed a thing!



High efficiency guarantees lower fuel consumption.



Drive



Robust intake.

As with everything in the JAGUAR, the intake roller drive is designed for extremely high performance. Six cutting lengths can be set as required. Robust compression rollers ensure optimum crop flow and reduce wear.

Hydraulic reverser.

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



Exclusive CLAAS Technology – the new STOP ROCK stone detector immediately stops the intake.



If it isn't good for livestock, it doesn't go through.

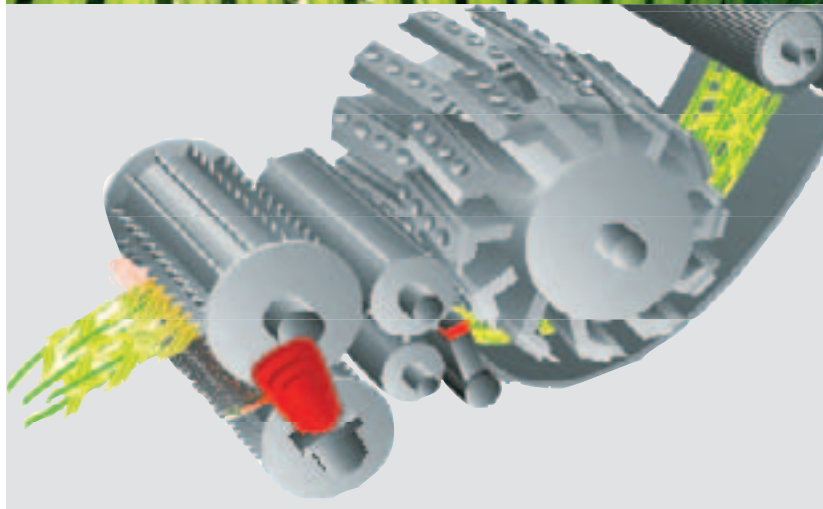


STOP ROCK stone detector.

A powerful and rugged intake drive is one thing, but full protection against foreign objects is another. 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 stone size yourself – the sensitivity is conveniently adjustable from the cab.

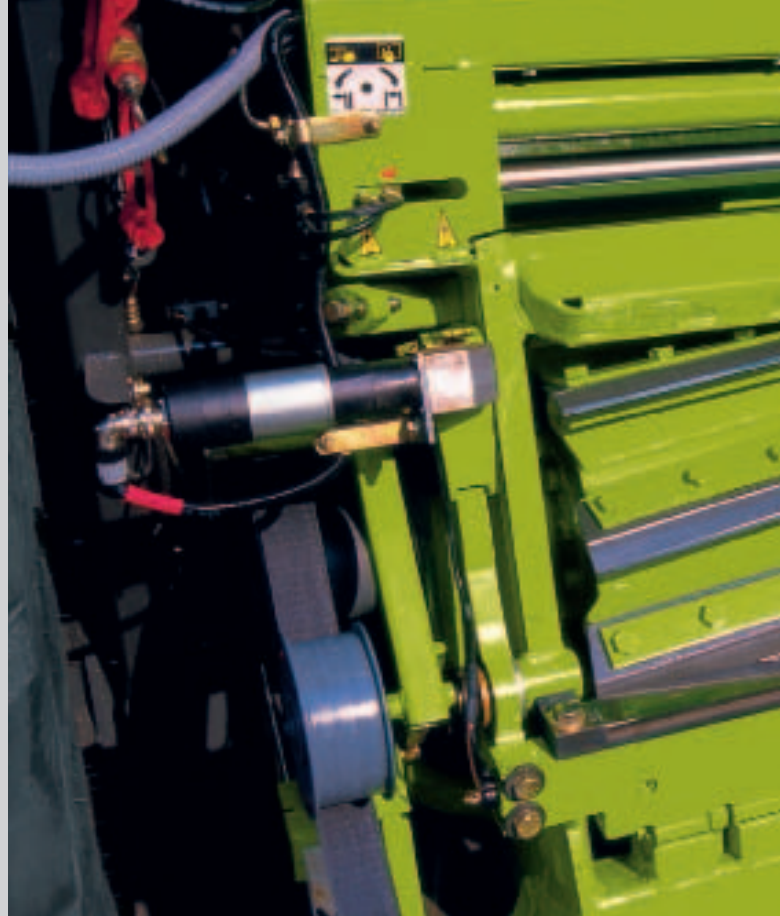
Sensitive metal detector.

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.



STOP ROCK stone detector
Intake
Hydraulic reverser
Metal detector

V-CLASSIC cylinder for perfect cutting.

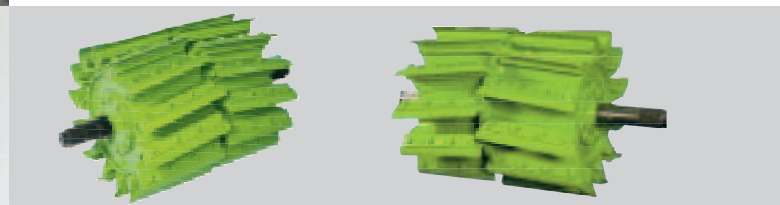


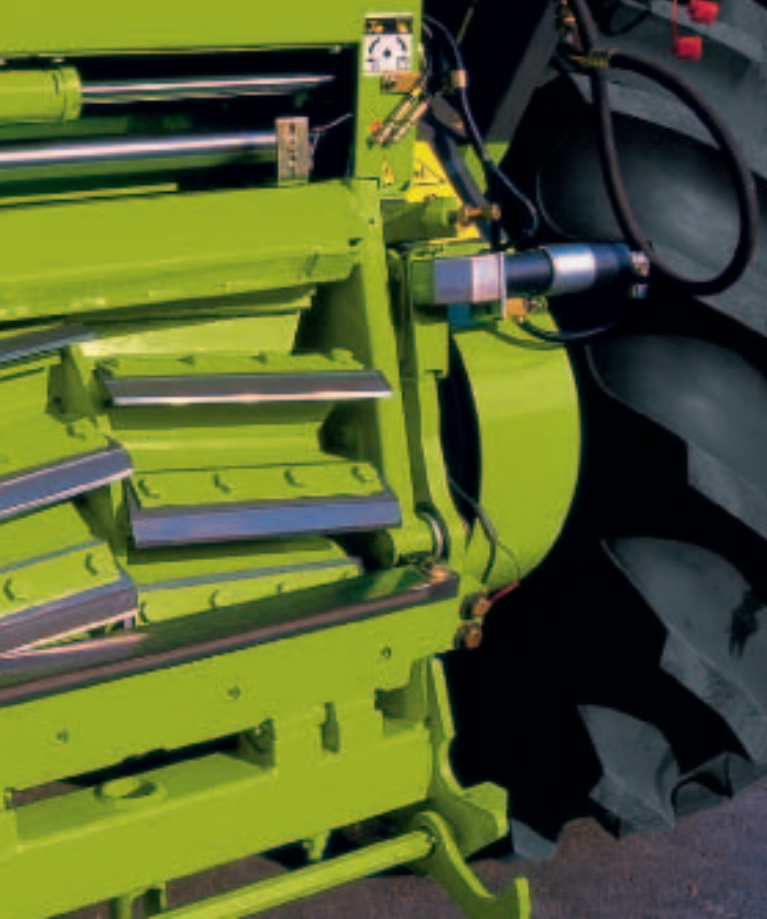
Chevron-shaped knife layout.

The effectiveness of the knife drum in the JAGUAR is legendary. Each level of the 750-mm-wide knife drum is fitted with two knives. The chevron-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, and this reduces wear and friction losses on the sides of the housing.

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

The knives are individually bolted onto the knife drum with sturdy bolts. The V 24 knife drum is fitted as standard. The V 20 version is also available for longer chop lengths. The V 28 supplies finely chopped material which is ideal for biogas production because it gives the microorganisms a larger surface area, encouraging maximum methane gas production.





Adjustable drum concave plate.

The smooth floor in the chopping housing is standard on the JAGUAR. In order to achieve a consistent crop flow even when the knives have not been reset, it's possible to make a quick adjustment using spacer discs. This ensures the smallest-possible clearance to the knife drum.

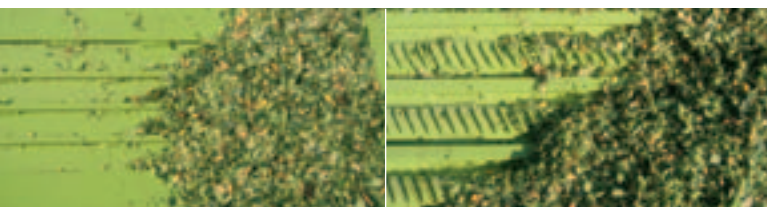
Thanks to the excellent accessibility, you can quickly refit the JAGUAR:

- With a four-slat insert for late maize harvesting
- With a friction concave plate for WCS/GEM (ground ear maize) harvests

Fully automatic knife 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 doesn't need to be loosened for this operation; instead, the mounting block is pivoted and moves gently towards the knife drum with the shear bar firmly fixed on top. Knock sensors register contact and set the shear bar accordingly.



Chopping system



The success of your work stands or falls with the quality of the silage that you chop. With the JAGUAR, you've chosen a machine whose chopping system and CORN CRACKER are among the most efficient in the world. This ensures you can supply your customers with the premium forage quality that they expect from you, whether you're using the CORN CRACKER for whole-plant or maize harvesting.

CORN CRACKER.

Maize silage is one of the most important forage products. To ensure that maximum nutritional value can be extracted, every kernel needs to be cracked open. The CORN CRACKER on the JAGUAR is thorough and doesn't miss a single one.

- Intensive opening of the kernels
- Rows of counter-rotating saw profile teeth
- Saw tooth rollers with a choice of 80, 100 or 125 teeth
- Speed differential between the two rollers
- Handy adjustment of the clearance between the two rollers from the driver's seat or hydraulically/mechanically directly at the CORN CRACKER.



First-class maize chop quality.



Excellent whole-plant silage.



Only cracked kernels are any good.



Cleaning and maintenance are easy to carry out, thanks to the modular design.



CORN CRACKER
Hard, chrome-plated rollers for
a long service life

A fast crop flow –
so you can finish
work earlier.



Straight-line crop flow.

The daily tonnage you produce is also dependent on the unimpeded flow of crop through the machine. There's no forager that comes close to the JAGUAR in this respect. It makes no difference whether you're harvesting grass without the CORN CRACKER, or harvesting for maize silage with it installed – it's simply slotted into the crop flow when required. In all cases, the crop is accelerated from one stage to the next, and is further centred by the chevron knife arrangement and the accelerator paddles. This remarkable combination ensures maximum performance with minimum power consumption, and long-term reliability which is second to none.

Automatic spout swivel.

When side loading, drivers have their hands full at headlands. The header needs to be raised, the machine has to be steered, and the spout may also need to be swivelled – unless you're driving a JAGUAR. Thanks to the automatic swivel function, this task can be carried out at the touch of a button. First, you set and save the discharge angle of the spout. You can program positions on the right and left or forward and rear on one side. At the push of a button, the spout automatically switches into the desired position.

Included in the GREEN EYE package:

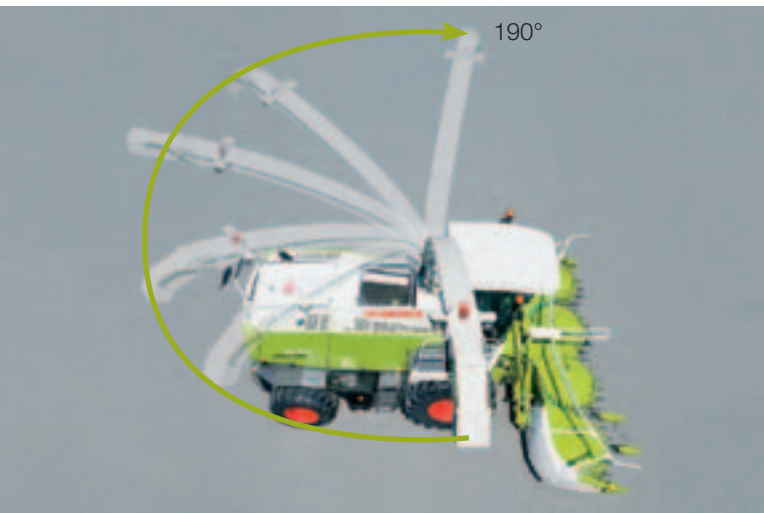
- Automatic spout swivel
- HD discharge spout





The new HD discharge spout.

- High degree of stability at low vehicle weight
- Simple wear-plate installation procedure
- Highly concentrated crop flow
- Flexible with modular spout extensions



Crop flow
Automatic spout swivel



High-traction transmission.

When your team leaves the yard, the JAGUAR SPEEDSTAR is right at the head of the pack. You save valuable harvesting time and increase the efficiency of the entire harvesting chain.

Thanks to its impressive tractive power, the transmission is designed to keep pulling when the going gets tough. You'll find you have huge power reserves, even under the most difficult conditions. A harvesting speed of up to 16.8 km/h is possible in first gear, while the OVERDRIVE technology ensures the right level of traction in every driving range.

SPEEDSTAR 40 km/h.

In second gear, you travel at up to 25 km/h over the field, and as fast as 40 km/h on the road. Turning times at the headland are shortened, and time-consuming stops to change gears are no longer required. Taken together, these two factors considerably improve your work rates.



PROFISTAR 20/25 km/h.

The alternative to SPEEDSTAR is the PROFISTAR, with a permitted road speed of 20 or 25 km/h (depending on the country specification). Both machines reach full speed with substantially reduced engine rpm. The electronic transmission control automatically regulates the engine speed and matches it exactly to the required output. This cuts fuel consumption and minimises noise levels.



Staying clean: the large rear mudguards prevent mud from being flung high into the air.



Built to last –
and go fast.

Active header damping.

This active damping function guarantees that you travel not just quickly, but also with considerably improved comfort. Simply activate the function when on the road, and the hydraulics effectively dampen the header movements, making your progress from one job to the next much smoother.

Four-wheel drive on demand.

Under difficult working conditions, the electrohydraulically activated four-wheel drive ensures maximum traction. The power is transferred directly to the rear axle via a drive shaft.



Transmission
SPEEDSTAR
PROFISTAR

Among its strengths –
its great versatility.





Maize harvesting with ORBIS
Maize picking with CONSPEED
Whole-plant cutting with DIRECT DISC

Swath collection with the PU 300/380 HD
pick-up
Cereals harvesting with the CLAAS UNI
adapter
Willow harvesting with the CLAAS HS-2
implement

Focus on versatility



No need for a break.



Swath collection with the PU 300/380 HD pick-up.

The CLAAS PICK UP units are marathon runners designed for the long haul in tough conditions. Of course, they pick up the swaths cleanly, regardless of how dense or irregular these may be.

- 3.00-metre or 3.80-metre working width
- Robust drive line
- Roller crop press enhances the crop flow
- Adjustable suspended guide wheels
- CLAAS CONTOUR for superb ground-contour tracking

Unimpeded access when looking for foreign objects.





410-litre additive tank.

Providing silage additives is part of the standard service of professional contractors today. The JAGUAR has everything that you need to offer your customers the highest silage quality. You can carry up to 410 litres of liquid in the standard, easy-to-fill additive tank. The application rate of the pump is set via the CIS information system. The premixed additive is injected directly into the crop accelerator. A display informs the driver about the consumption.



ACTISILER 20.

There is currently a trend towards reduced application rates and higher concentrations. The new ACTISILER 20 (optional) delivers a precisely metered quantity of concentrated lactic acid bacteria solution. The control of the dosage is performed using a separate terminal. Throughput-based dosage is possible in conjunction with the QUANTIMETER.



PU 300 HD
ACTISILER



In recent years, whole-crop silage (WCS) has become an increasingly significant feature of modern farming. Crops that are harvested in the milk ripe stage are used for high-quality livestock feed, or alternatively the crop can be used as biomass for efficient energy generation.

With this in mind, your JAGUAR can be fitted with a cutter bar that enables you to harvest green forage and produce whole-crop silage as simply, quickly and cost-effectively as possible.

Whole-crop cutting with the DIRECT DISC 520.

The DIRECT DISC 520 cuts the crop with a 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 where it is transferred to the JAGUAR via the forage harvester intake. Two proven DISCO cutter bars are employed up front for the mowing operation. The quick knife change drastically reduces maintenance times.



With DIRECT DISC, you mow and chop in one go.



Clean cut quality.

DIRECT DISC 520
COMFORT



ORBIS – for still more bite.

You're all too aware of the pitfalls in the maize harvest: you have to run over uneven, bumpy fields and, more often than not, slopes mean that you constantly have to adjust the height. Adverse harvesting conditions with poor visibility or damp, soft soils reduce your daily output. With the new ORBIS maize header and the CLAAS AUTO PILOT, the JAGUAR puts an end to these difficulties.

Maize harvesting with ORBIS.

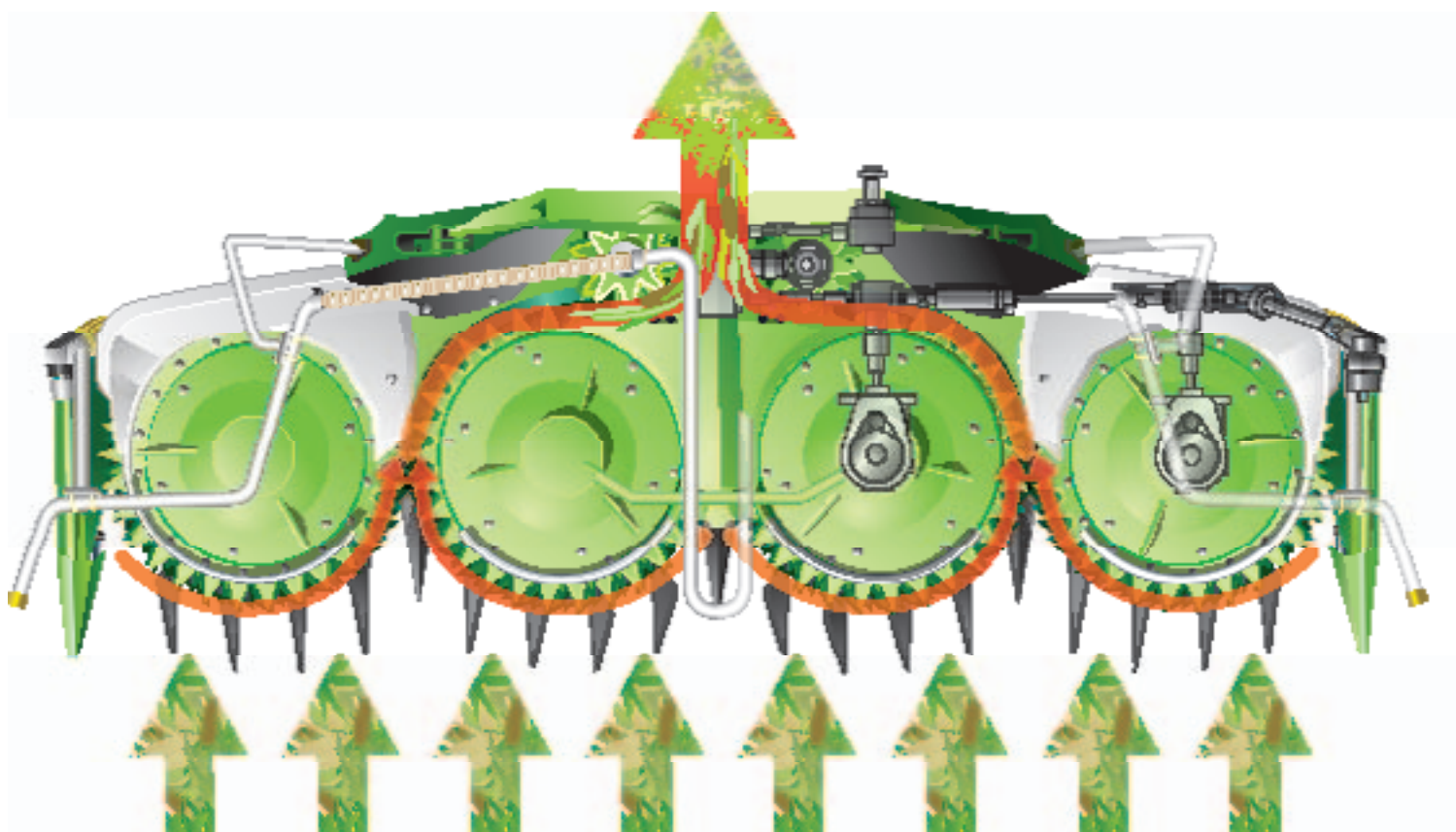
The ORBIS row-independent maize-header range from CLAAS combines completely new ideas for the structural design and drive with the worldwide practical experience gained with the RU series. ORBIS connects easily to the JAGUAR and offers absolutely perfect chopping quality at working widths of 4.50 to 7.5 metres.

You'll notice the benefits every minute it's in use. A successful harvest is assured, even in damaged or laid maize, dense undergrowth or thin-stemmed crops.

The frayed stubble provides protection against maize borer infestation, and accelerates the composting process.

- Superb crop flow: the plants are guided horizontally towards the intake
- Compact design: low axle loading, high manoeuvrability, perfect visibility
- Light-running drive: low starting torque and low power requirement, so that it can be engaged and reversed under power
- New design with large intake discs, short distance from the cutting edge to the transport discs
- Easy access: six individual segments per module
- Perfect ground-contour tracking with its suspended-frame geometry for ideal lateral balance





Working widths of up to 7.50 metres are possible when the ORBIS 750 is used with the JAGUAR 900 and 890.



ORBIS 450 600 750 maize header



Biogas

There is a direct relationship between high power and consistent chopping quality. In the context of biogas in particular, the chop quality comes under extremely close scrutiny as this is a prerequisite for a perfect biogas crop.

Along with throughput, the efficiency of a machine is becoming an increasingly significant factor. Systematic development and refinement have made the CLAAS JAGUAR the market leader.

Higher quality means more biogas.

Optimum biogas yield is only possible through compliance with strict quality standards. That means having the optimum cutting length and good plant and kernel processing.

The V-shape arrangement of the knives enables a pulling cutting action very close to the shear bar. This is the key to producing consistent chopped material. The feed rollers also contribute to the quality of the cut by exerting a pressure of 3t on the crop ahead of the shear bar in order to form a highly compact and consistent package.





Professional biogas.

Taking advantage of the scope for savings.

A substrate with the greatest possible surface area also offers the largest possible area for the micro-organisms to work on. This is the most important factor in biogas production. However, as this also involves using energy and fuel, great care must be taken to strike the ideal balance: only as short as necessary and as long as possible.

The cutting length is adjusted conveniently from the cab. With the standard 28 knives, cutting lengths for maize of between 3.5 and 15 mm can be set.



Perfect results thanks to the right team. From the tractor for sowing and cultivation, through the JAGUAR for harvesting and on to the XERION and SCORPION for preparing and loading the facility.

Biogas



Picking maize with CONSPEED.

The CLAAS CONSPEED maize picker is a useful addition to the ORBIS header. To fit it, simply use the UNI Adapter, which also connects the JAGUAR to the combine cutter bar for WCS harvesting. The advantage is that you can continue to run up hours on the JAGUAR after the maize silage season is over, greatly increasing its annual capacity.

The JAGUAR axles are high-capacity units designed to enable you to travel at 40 km/h on the road, even with a heavy, 8-row CONSPEED maize picker up front.

With the help of the central coupler, you can hook up all the lines to the header quickly and easily. The feed roller inside the adapter ensures that the crop flows smoothly. The power flow from the chop-length gearbox also means that the adapter can be reversed with the maize picker.

Cereals harvesting with the CLAAS UNI Adapter.

You can also fit the JAGUAR with a conventional combine cutter bar at any time, which means you can easily harvest cereals and leave the dense undergrowth behind. The CLAAS UNI adapter allows you to fit cutter bars with a working width of up to 6.6 metres. The gearbox drive can be reversed via the adapter to the header in question.



Unlimited
versatility.



Willow harvesting with the HS-2 wood harvesting attachment.

Fast-growing trees such as willow are ideal for use in energy production. This type of cultivation is currently being tested at a range of sites in the UK and USA. In Sweden, there are already large willow energy forests. The shoots are laid out in double rows so that the crop can be harvested every three to five years using mechanised methods.

With the specially developed HS-2 wood-harvesting attachment, CLAAS has turned the JAGUAR into a mobile wood chip factory. The crop is taken from the field in bulk to where it will be used. The attachment uses two hardened metal saw blades to cut stems up to 70 mm in diameter; thin branches protruding from the main stems are gathered by two side-mounted augers.



A novel approach to energy production: willow harvesting with the JAGUAR and the wood-harvesting attachment.



CLAAS HS-2



"Chopping is our passion."

(Hubert Erdmann, Product Manager JAGUAR, Harsewinkel, Germany)



Focus on reliability

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

Guaranteed durability.

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 autolube 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. The CLAAS AUTO PILOT and spout extension make the harvest less stressful when large working widths are used. And last but not least, CLAAS can offer you the right tyres for any working environment.

So your JAGUAR is always right where it belongs: out in the field, doing what it does best – working hard.





Maintenance costs cut to the bone.

- The time it takes to inspect the chopping unit is measured in just a few minutes. Once you've opened up the housing hydraulically, you'll have a perfect view of the knives and shear bar
- It takes just ten minutes to separate the knife drum and the intake on the JAGUAR. The intake housing stays fixed to the header
- The large storage compartment for tools and spare parts is easily accessible right next to the access steps
- Routine engine maintenance is handled quickly. The service points are easily accessible from all sides
- The automatic central lubrication unit with storage for eight litres of grease is sufficient for around 120 hours of operation
- The large entrance on the right-hand side gives you unrestricted access to the cooling system, the CORN CRACKER and the accelerator
- The CORN CRACKER can be removed quickly and easily



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



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.

We speak the same language.

CLAAS dealers are highly trained, equipped with specialist tools and have a thorough understanding of how farmers and contractors work. They understand your expectations and can meet your requirements when it comes to professional competence and reliability.

We get the diagnosis right.

We take pride in our team of experienced service professionals. Nowadays, they're aided by cutting-edge diagnostic systems such as CDS 5000 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.

Highest material quality, perfect functioning, a long service life – these are assurances that only ORIGINAL CLAAS parts can give.





Invest in the best – invest in success!

With reliable service packages and the individual MAXI CARE® product range, CLAAS offers you maximum reliability and professionalism.

Post-harvest and annual check-ups for maximum performance, maintenance contracts for more reliability at a fixed price, and a flexible selection of warranty extension modules all make for predictable, transparent cost management.

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

- Post-harvest/annual check – a thorough inspection for a head start in the coming year
- Maintenance contracts with FIRST CLAAS quality and at a fixed price
- MAXI CARE® – reliable all-round protection

FIRST CLAAS SERVICE®
MAXI CARE®

Focus on details.



JAGUAR

		900	890	870	850	830
SPEEDSTAR PROFISTAR						
Engine	Type	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz
		OM 502 LA	OM 502 LA	OM 502 LA	OM 460 LA	OM 460 LA
Cylinders		V 8	V 8	V 8	R 6	R 6
Output according to ECE R 24 at 1,800 rpm	kW (HP)	458 (623)	373 (507)	336 (457)	303 (412)	254 (345)
Output according to ECE R 120 at 1,800 rpm	kW (HP)	480 (653)	390 (530)	350 (476)	315 (428)	260 (354)
Cubic capacity	l	16	16	16	12.8	12.8
Engine speed during harvesting	rpm	2,000	2,000	2,000	2,000	2,000
PROFISTAR on road at 20 km/h		1,100–1,950	1,100–1,950	1,100–1,950	1,100–1,950	1,100–1,950
SPEEDSTAR at 40 km/h		1,100–1,950	1,100–1,950	1,100–1,950	1,100–1,950	1,100–1,950
Fuel tank + optional auxiliary tank	l	850 + 150	850 + 150	850 + 150	850 + 150	850 + 150
Fuel consumption measurement	o	o	o	o	o	o
Ground drive 2-speed automatic OVERDRIVE transmission		● Hydrostatic	● Hydrostatic	● Hydrostatic	● Hydrostatic	● Hydrostatic
All-wheel mechanical shaft drive		●	o	o	o	o
Water additive tank	l	● 410	● 410	● 410	● 410	● 410
Maize header, row-independent	Rows/ width	10/7.5 + 8/6 + 6/4.50 m	10/7.5 + 8/6 + 6/4.50 m	10/7.5 + 8/6 + 6/4.50 m	8/6 + 6/4.50 m	8/6 + 6/4.50 m
Automatic steering mechanism for maize headers		●	●	●	●	●
PICK UP	m	3.80/3.00	3.80/3.00	3.80/3.00	3.80/3.00	3.80/3.00
Preset cutting height control + contour ground pressure		●	●	●	●	●
Hydr. folding support wheels for PU 300 HD		o	o	o	o	o
DIRECT DISC	mm	5,125	5,125	5,125	5,125	5,125
Feeder housing width	mm	730	730	730	730	730
No. of feed and compression rollers		4	4	4	4	4
Feed rates		6	6	6	6	6
6-gear mechanical, cutting lengths with 20-24-28 knives	mm	5/6.5/8.5/11/ 17/21=20 knives	All models	5/6.5/8.5/11/ 17/21=20 knives	4/5.5/7/9/14/17 = 24 knives	3.5/4.5/6/8/12/15 = 28 knives
Knife drum						
Width	mm	750	750	750	750	750
Diameter	mm	630	630	630	630	630
Rotational speed	rpm	1,200	1,200	1,200	1,200	1,200
Knife arrangement		V-shaped offset	V-shaped offset	V-shaped offset	V-shaped offset	V-shaped offset

● Standard o Optional

JAGUAR

		900	890	870	850	830
SPEEDSTAR PROFISTAR						
Number of knives		●/o 20/24/28	●/o 20/24/28	●/o 20/24/28	●/o 20/24/28	●/o 20/24/28
Knife sharpening: manually from the driver's seat or automatically		● Automatic	● Automatic	●/o	●/o	●/o
Shear bar		Double-sided use	Double-sided use	Double-sided use	Double-sided use	Double-sided use
Corn Cracker with 100 teeth and 20% speed differential		●	●	●	●	●
Corn Cracker HD with 80 teeth and 30% speed differential		o	o	o	o	o
Accelerator, width	mm	●/680	●/680	●/680	●/680	●/680
Upper discharge spout with breakback protection		●	●	●	●	●
Swivel range of spout	degrees	190	190	190	190	190
Automatic spout swivel		o	o	o	o	o
GREEN EYE package (HD discharge spout etc.)		o	o	o	o	o
Comfort cab with heat		●	●	●	●	●
Air-suspension comfort seat		●	●	●	●	●
Fieldwork computer		●	●	●	●	●
QUANTIMETER with COMMUNICATOR		o	o	o	o	o
Printer for COMMUNICATOR		o	o	o	o	o
Air conditioning		●	●	●	●	●
Passenger seat		●	●	●	●	●
Central lubrication		●	●	●	●	●
Basic machine without front attachment						
Transport length	mm	6,431	6,431	6,431	6,431	6,431
Working length	mm	5,921	5,921	5,921	5,921	5,921
Transport width, depending on tyres	mm	2,990/3,295/ 3,480/3,995	2,990/3,295/ 3,480/3,995	2,990/3,295/ 3,480/3,995	2,990/3,295/ 3,480/3,995	2,990/3,295/ 3,480/3,995
Transport height	mm	3,728	3,728	3,728	3,728	3,728
Working height	mm	5,600	5,600	5,600	5,600	5,600
Weight	kg	11,560	11,560	10,840	10,840	10,840
Tyres	Steering axle	Drive axle	650/75 R32	Steering axle	16.5/85-24 14 PR	
			800/65 R32	800/65 R32	540/65-R24	
			900/55 R32	900/55 R32	700/50-26.5	
			1050/50 R32			
Rotational speed	rpm	1,200	1,200	1,200	1,200	1,200
Knife arrangement		V-shaped offset	V-shaped offset	V-shaped offset	V-shaped offset	V-shaped offset

● Standard o Optional

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.

The JAGUAR harvests more than just grass and maize.

- Direct drive to the chopper unit for highly efficient power transfer and a low specific power requirement.
- Optimum straight crop path from the feed rollers up to the crop accelerator and discharge tower.
- The powerful, robust intake includes overload protection, a metal detector and the STOP ROCK stone detector.
- CORN CRACKER for thorough crop processing.
- The chopping system and CORN CRACKER of the JAGUAR are second to none in the global line-up.
- Mercedes-Benz engines to TIER 3 standard for max torque and power delivery with the lowest specific fuel consumption.
- Powerful hydrostatic drive with plenty of muscle
- Active damping of the header for maximum safety on the road.
- The spacious high-comfort cab with outstanding all-round visibility.
- Keep machine, service and consumption data under your control with the CIS information system and the optional CLAAS COMMUNICATOR.
- More precise and comfortable drive control with the multifunction control lever.
- Increased additive efficiency with the ACTISILER additive system.
- All maintenance is carried out quickly and easily.
- FIRST CLAAS SERVICE® around the clock.



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