

DISCO

CLAAS

A cut above the rest.



Be part of
the DISCOssion!





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P-CUT – A quantum leap in mowing and forage quality.

- Absolutely perfect cut thanks to the new contour of the cutterbar.
- Lowered cutting discs for an even, clean cut and optimal crop flow.
- New, long-lasting double bearing for cutting discs.
- All cutting discs safeguarded by SAFETYLINK.

P for professional.

CLAAS has established a new performance category in mowing design, with the new P-CUT cutterbar. No matter what the working width, this new generation of cutterbars is consistently found in all our disc mowers, from the COUGAR, the world's largest mower, to the new DISCO 3000 with 9 cutting discs.

P for perfect cut.

A small recess produces a big effect. The tunnel effect produced by an indentation on the underside of the cutterbar causes dirt firstly to empty out directly, and secondly, to be thoroughly brushed away from the cutterbar by the stationary stubble. No clumps of dirt are left behind, nor does mowing produce a striped effect – the cut is perfect.

Fast-conveying mowing drums on both sides for rapid removal of the crop to the rear, leaving blades free to rotate for a clean cut.

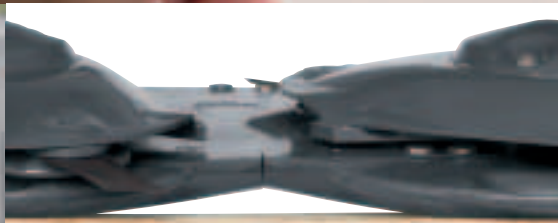


NEW

P-CUT.

With CLAAS, the word

“Professional” applies
right down to a 8.6 ft (2.6 m)
working width.



P-CUT
Bar technology



P for power drive.

Smooth running, low-wear power transmission and a long lifecycle thanks to:

- Slow-turning, large-diameter main gearwheels with a consequently large number of rounded gearteeth meshing together for a low level of wear.
- Separate drive for each cutting disc via an upstream pinion which only has to transmit a fraction of the total power.
- 1 inch (24mm) forged gearwheels in high quality spring steel.
- Gearing is able to absorb significant shocks effectively.

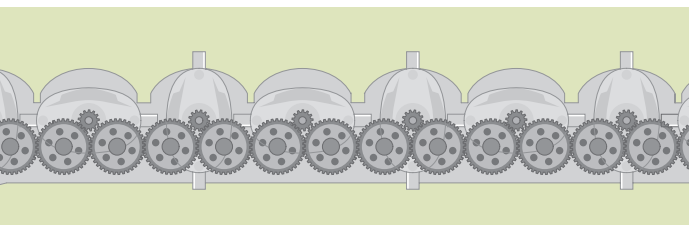
P for patented solution – SAFETYLINK.

With our unique SAFETYLINK safety module also featured on the new P-CUT cutterbar head, safety for both man and machine remains a priority for us.

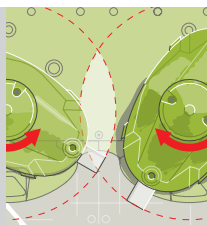
- Defined shear points on every cutting disc reliably and effectively prevent cutterbar damage in the event of severe impact with an obstruction.
- The satellite pinion gear and the bearing, or even the complete module, can be replaced in no time at all.
- Minimum downtime during harvest.

Safety for everyone.

If the SAFETY LINK is activated after a large obstacle has been hit, the cutting disc stays firmly in place. The hexagon bolt located in the pinion shaft prevents the cutting disc from flying off. Minimizing the risk of further damage.



The broad overlap of the discs ahead of the cutterbar ensures a clean, uniform cut. All of the housing bolts in the cutting zone are recessed.



NEW

P-CUT. Permanent reliability.

New stable bearing.

The cutting discs of the P-CUT bar are mounted in a new, high-strength, double tapered roller bearing assembly, such as is also used in automotive applications.

- Very high level of durability under all load conditions.
- Absorption of extremely high axial forces, e.g. initiated by foreign bodies.
- Innovative, reliable bearing seal against dirt and water during cleaning for longer service life and complete operational reliability.



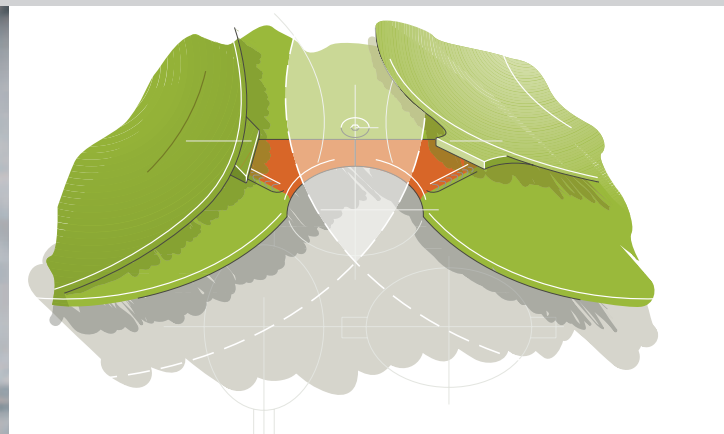
Individual bearings or, if necessary, the entire SAFETYLINK unit can be changed quickly.

P-CUT
SAFETYLINK

NEW

P-CUT.

Work like a professional –
it's not a question of
working width,
but of expectation.





P for premium housing.

The heavy-duty gear housing is another guarantee for high-grade, long-life CLAAS technology.

Maximum cutterbar flexural strength and sturdiness through:

- Bar tray made of high-strength, fine-grained structural steel.
- Extra-strong cover plate.
- Small service openings.
- Large depth of the cutterbar.

CLAAS features like these make sure that your harvest chain doesn't come to a standstill.

P for permanent wear resistance.

- Robust cutterbar skids underneath.
- Wear skids optionally available to protect the cutterbar skids when used on sandy or stony ground or during periods of high work rate.
- Extra-hard Hardox inserts welded in at the front between the skids.
- The service life of the leading edge of the hardened leaf springs is extended even further through the additional hard coating of tungsten carbide.
- Scrapers which are positioned lower than the leaf springs and reach as far as the bearing flange protect the leaf springs along their entire length.
- Extra-depth mowing bar for added protection of the bar and cutting discs.



P-CUT
Bar technology



Smart power transfer.

- Direct input drive via a maintenance-free universal joint located in the feed drum.
- The universal joint effectively cancels torsional forces and vibrations.
- No additional drive mechanisms with input drive openings.
- No storage area surfaces on which cuttings can collect.

Active feed drums.

- Extra fast-conveying, cylindrical mowing drums for a constant forage flow and a cleanly delineated swath in all operating conditions.
- Screw-on wear parts on the conveyor slats for easy, quick and cost-effective replacement.

P for progressive following for all applications.

Every region and every type of terrain makes its own special demands on the equipment supplied by technology.

- Adaptation to local circumstances through the use of additional equipment:
 - Wear skids on sandy or stony ground or during periods of high work rate to protect the cutterbar skids.
 - Increase in cutting height of 1.2 inch (30 mm) using high-cut skids, for example for field crops.



NEW

P-CUT.
External values count
as well.



P-CUT drive
Bar protection

NEW

P-CUT. Blade replacement at the double.



P for practical –
Knife changing system as standard.

With the knife changing system, CLAAS provides an effective combination of sophisticated technology and convenient handling.

- Easy blade change:
the fixing lever is placed around the blade bolt, the leaf spring pushed downward and the old blade swapped for a new one.

Well organized.

- Rainproof blade box mounted where it is easy to access, with two separate compartments for right and left-hand side blades.
- The part numbers of the blades are also displayed on the lid of the blade box.



All mowers are fitted with a knife changing system as standard. Depending on the model and the country, screw-in blades are optionally available. Whether the blade is attached using the quick blade change system or is bolted, the blade is always fastened securely.

Safety first.

- The hardened steel blade bolt is welded firmly to the leaf spring.
- The leaf spring pushes the blade bolt from below firmly into the disc.
- The blades rotate freely around the bolt without any impact. This prevents damage to the blades.
- A 7 mm overlap and the mushroom-shape of the blade bolt keep the blade firmly in place, even in the toughest of conditions.
- The blade can only be changed if the blade attachment is directly above the cavity. This prevents the blade from coming free by mistake.

Original CLAAS cutting blades.

- Cutting blades made of high-grade spring steel.
- Ground blades.
- Clean cut to encourage rapid growth.



P-CUT
Quick blade change



Only the best.

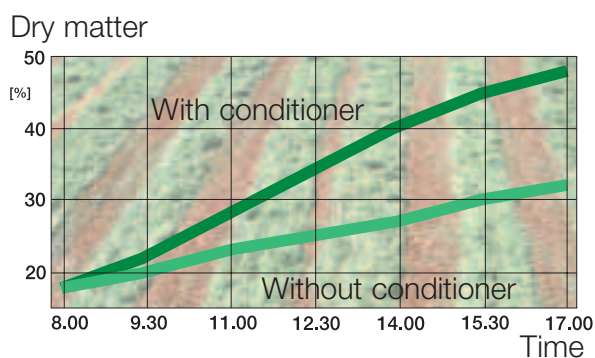
Regardless of which mower you opt for, the conditioning system, which has proved itself time and again in large-scale operations, is featured on all CLAAS mowers. CLAAS refuses to compromise on conditioning quality or on service life.

Whatever the weather.

As with everything CLAAS produces, the conditioners on the DISCO mower are tough, reliable and powerful. They help you to work even more efficiently and exploit the available harvesting window to the fullest extent. Now you can outsmart the weather.

Tried-and-tested technology.

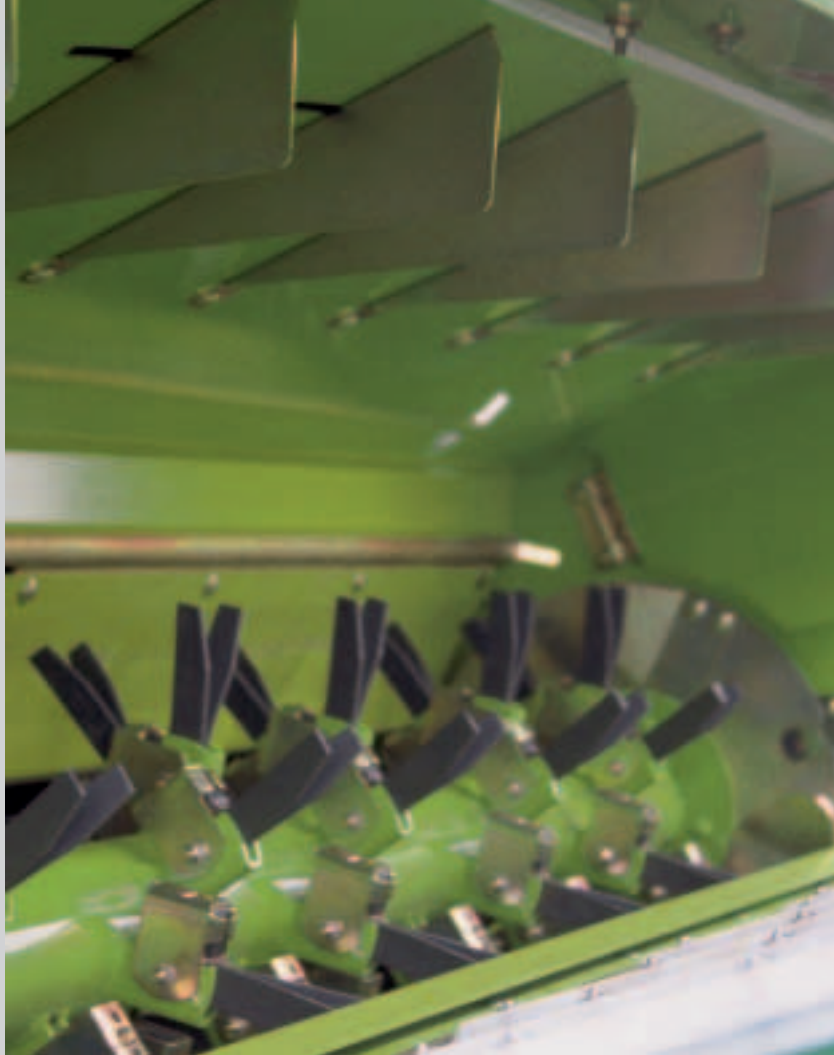
- Angular gear fitted to the main drive for steady and reliable power transmission.
- V-shaped offset tines comprising two single elements and made of hardened steel for efficient operation over several years.
- You can match the conditioning intensity to the harvest conditions by adjusting the baffle plate, without the need of tools.
- The swathing plates are adjustable for the right swath width.



The steel tines are flexibly mounted which allows them to simply give way if they hit against stones, avoiding damage.



DISCO with conditioner – for faster drying and wilting.



Efficient operation.

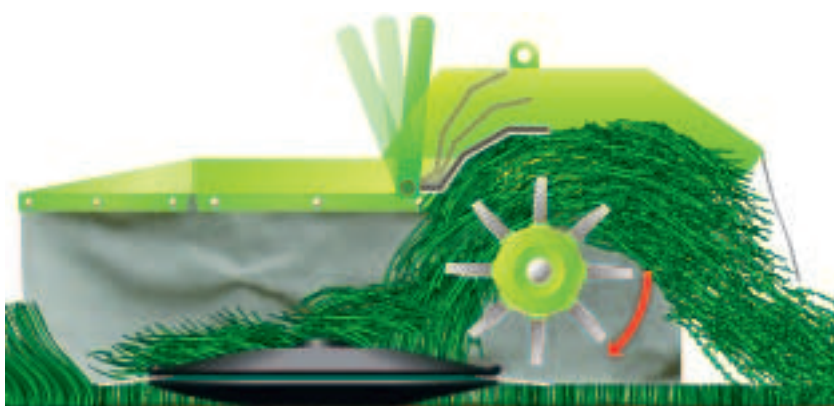
- Loose swath accelerates the drying and wilting process considerably.
- Time saved through fewer working operations.

Precision adjustment.

The level of conditioning can be set from aggressive to gentle by altering the intake as well as the ability to turn the asymmetric steel tines.

Securely mounted.

- The conditioner rotor is mounted on highly stable block bearings.
- The bearings are fitted outside the crop flow so they are well protected from dirt and harmful crop fluids.
- Easy removal and replacement of the rotor for maintenance purposes.



Conditioner



Mowing and spreading.

So that you can work even more efficiently in good drying conditions or during wet silage processes, CLAAS offers the DISCO range of mowers, featuring 3050 FC and 8550 C with crop spreader as an option and the DISCO 3100 FC PROFIL, 8550 AS, 8700 C and COUGAR 1400 with crop spreader as standard. This is a more cost-effective approach to grass mowing.

Less work, faster operation.

- The crop is conditioned and then distributed evenly across the entire width of the mower – all in one go.
- The adjustable vanes generate an even and loose swath.
- Set up of the desired swath shape without using tools.
- Minimizes the requirement to ted.

The adjustable vanes on the DISCO crop spreader distribute the crop behind the conditioning rotor over the entire working width.



Crops
spread wide
are already
half dried.

CLAAS top quality.

It goes without saying that these machines automatically adapt to cope with uneven ground and maintain an even ground pressure over the full width of the crop. This ensures the best mowing results and is gentler on the sod. Focus on greater efficiency and cost-effectiveness with the powerful and robust DISCO complete with conditioner and crop spreader.



Crop spreader



Robust and cost effective, with or without conditioner.

The DISCO 2650, 3050 and 3450 mowers are ideal for efficient forage harvesting with rear linkage mounting. These disc mowers, designed as rear-mounted mowers – DISCO 3050 C versions also equipped with a conditioner – give good manoeuvrability despite their large working width.

Adjustable fixing bolts.

- Quick adjustment to tractor width.
- Full use of the working width.
- Easy matching of front and rear mowing combinations.

Superior single lever mechanism.

- The ground pressure is always constant and the cut is clean thanks to parallel horizontal lifting on headlands.
- Lifting at the headland and swinging into transport position without using the three-point linkage or changing the basic setting.

Accident protection.

If an obstruction is hit, the overload device is activated. Just back up to reset, then work can be resumed immediately.

- Reliable safety system featuring a rubber spring and a sturdy locking device.
- Effective protection of the machine against significant damage. The rubber spring cannot jam.
- Simple adjustment after activation of the safety device.

Both the front and rear protective covers are fully hinged. This makes blade changing or cleaning the mower easier. The mower's compact dimensions means it saves an amazing amount of space when stored for winter.



DISCO 2650/3050/3450

DISCO 3050 C – Rear-mounted power houses.



Spring-loaded swath disc for dead straight swaths.

- The mowed swath is cleanly separated from the standing crop.
- No risk of blockages.
- Very large disc diameter and rubber coating for 100% trouble-free operation.
- The swath disc moves to the side in tight curves and stops the crop from building up.
- DISCO 2650, 3050 and 3450 with external swath disc as standard.

An internal swath disc is standard for the DISCO 2650 and a swathing plate for the DISCO 3050.

Set-up couldn't be easier.

Belt tension is checked against a visible mark. If tensioning is necessary, an easy-to-use crank handle is turned without the use of tools.

Maintenance made easy:
Drive shaft service intervals for all rear-mounted mowers
– 250 hours for universal joints and
– 100 hours for sliding tubes.

DISCO 2650/3050/3450
DISCO 3050 C

The DISCO rear mower with side suspension – Effortlessly follows the field surface.



The tension of the suspension spring can be adjusted in a matter of seconds, without the use of tools. The inner and outer sides of the cutterbar can therefore be adjusted separately.



Even ground pressure.

- The mower is suspended by two strong flat coil springs, or by three springs on conditioning machines.
- The ground pressure is distributed evenly thanks to springs arranged along the entire length of the cutterbar.
- Adjustment to cope with ground and harvest conditions, without the use of tools.
- The mower accurately follows ground contours thanks to the two pivot points.
- Even and clean cut and gentle treatment of the sod.

Two mounting points are better than one.

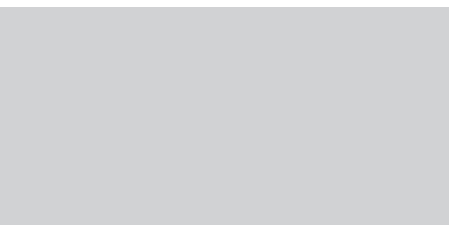
- Dual mounting of the cutterbar to the sturdy carrier frame on all DISCO.
- Highly stable and excellent guidance of the bars, both in working and transport positions.

Clever kinematics.

- Working on steep slopes is no problem.
- Flexible belt drive replaces drive shafts for problem-free working in any position.

Road safety.

- The center of gravity is close to the tractor, ensuring improved weight distribution and greater stability when travelling.
- The bar tilts slightly towards the center of the tractor, thereby reducing the travel width.
- The pivot point is situated well inside the track width so the mower is only slightly wider than the tractor on the road.
- The mower unit is automatically locked when swung up for road travel.



Ground pressure
Kinematics



Perfect up front.

Equipped with all the features of the DISCO range, such as the knife changing system and SAFETYLINK, and simply constructed without the need for additional control units, the new DISCO 3100 F PROFIL is a fitting addition to the DISCO 8550. In combination with a rear mower, working widths can be achieved which are worthy of admiration.

- Three dimensional adaptation to ground contours and the low passage of the cutterbar directly over the sod prevents the cutting discs from being pierced.
- High-quality cut.
- Minimum crop contamination.
- Sod remains undamaged.
- Faster working speeds and therefore higher output.
- Large-sized crop opening for smooth crop flow.
- Locking mechanism for high cutting on difficult or stony ground.

Tried and tested bar technology: the input drive located outside on the left and the adjacent conveyor cap create the best possible conditions for a seamless crop flow. The pivoting swath disc on the right hand side helps to create the perfect swath.

DISCO 3100 F PROFIL – Optimum crop flow with three dimensional adjustment.

Convenient as ever.

The DISCO 3100 F PROFIL combines new technology with tried and tested convenience.

- Connected with a quick attachment coupler.
- Locking mechanism for convenient and secure connection of the mower.
- The weight of the machine is transferred to the front axle of the tractor, adjustable tension springs ensure a low power requirement and minimal mechanical wear to the skids due to reduced friction.
- Greater traction on slopes and when travelling quickly thanks to optimum weight distribution.
- Easy transport and maintenance despite large working width thanks to foldable protective covers.
- Easy transport with minimum vibration thanks to the springs on the mounted stand.
- Rounded mounted stand for optimum front vision.
- Weather-proof blade box with sorted blades.
- Powertrain supports that swing back automatically.
- Low-maintenance drive shafts with an interval of 250 hours for universal joint lubrication.



DISCO 3100 F PROFIL

NEW

DISCO 3100 FC PROFIL – The largest of quantities conditioned with ease.



Asymmetric tine design for two different levels of conditioning intensity.





For a rich crop.

For all those who want to condition very large quantities of crops with ease, CLAAS has now provided the DISCO 3100 FC PROFIL. Alongside the already familiar features of the DISCO 3100 F PROFIL, the tried and tested and robust CLAAS tine conditioner has now also been integrated into the DISCO 3100 FC PROFIL.

Maximum throughput under all conditions distinguish this front mower as a machine for the professional.

- Wide tine conditioner making best use of the bar width.
- Crop spreader and swathing plate as standard.
- Rubber-mounted conditioner tines made of spring steel.
- No tools required to adjust the conditioner chicane for setting conditioning intensity.
- PROFIL three-dimensional contour adaptation with cutterbar pivot point directly above the sward prevents the cutting discs from digging in.
- Low-maintenance drive shafts with an interval of 250 hours for universal joint lubrication.
- New design with rounded nose for optimum vision.



Locking mechanism for high cutting under conditions of difficult or stony terrain.

DISCO 3100 FC PROFIL



Perfect mowing.

The DISCO 3050 FC is the right machine for you if you are looking for a powerful front mower with conditioner. It is equipped with the same kinematics as the PROFIL mower and boasts an unbeatable price/performance ratio without having to renounce quality as a result.

Unique adaptation.

- Adapts to ground contours crossways and lengthways to the direction of travel, fully independently of the tractor height.
- Clean cut along the entire working width at all times.
- Sod remains undamaged.
- Less crop contamination means high-quality forage.

Maximum ease.

The generous folding protectors ensure minimum transport and parking widths and rapid and convenient cleaning and maintenance.



Adjustable swathing plates allow the swaths of the front mower to be adapted to the relevant tractor width without the use of tools. This prevents you from driving over the freshly mowed crop.



DISCO 3050 FC – Taking all terrain in stride.

Rugged and well-designed.

- Connected with a quick attachment coupler.
- The weight of the machine is transferred to the tractor thanks to strong, adjustable tension springs, which ensure a low power requirement, minimal mechanical wear to the skids and better traction on slopes when travelling quickly.
- Low-maintenance drive shafts with freewheel mechanism and friction clutch with an interval of 250 hours for universal joint lubrication.
- Symmetrically arranged powertrain for reliable power transmission.
- The outside edges are automatically kept clean by two powerful feed drums fitted on both the left and right cutting discs and the crop is fed to the conditioner.
- The low center of gravity of the bar ensures optimum adaptation to any terrain.
- Weatherproof, portable blade box with graded blades.



DISCO 3050 FC

DISCO

Large-scale
technology
for professionals.





Benefit from our experience.

Performance and reliability are the hallmarks of CLAAS large-scale mowing technology. As a successful supplier of large-scale mowers, CLAAS is today able to draw on many years of experience.

By providing large-scale combinations for tractors and choppers with a working width of up to 27 ft (8.50m), CLAAS can offer a powerful range of mowers. Whether they are to be attached to a chopper or tractor, used in a butterfly or reverse drive configuration, with or without a conditioner or automatic swather unit, is entirely up to you.

The king of all mowers.

With the self-propelled COUGAR, CLAAS enters the realm of superior mowing technology. A working width of 46 ft (14m) and a unique machine design bring a new dimension to efficient forage harvesting.

CLAAS renowned and proven technology is featured on all mowers, regardless of working width. Outstanding cutting

quality in all conditions, the ability of individual units to follow the ground contours perfectly, intensive conditioning and clean discharge of the mowed material are typical qualities.

Together we are strong.

The ability to ensure sustained forage quality is dependent on the seamless integration of mowing, conditioning and swath operations in a coordinated process.

As the most important supplier to farm contractors, CLAAS offers process chains which, in terms of their sheer power, are unparalleled.

Whether you are mowing with a large-scale combination or the COUGAR, swath operations with the LINER 3000 or harvesting with the JAGUAR you are always guaranteed the highest levels of performance and quality.

DISCO
Large-scale mowers

DISCO 8550 – The market leader.





Years of experience and proven expertise, with millions of acres covered, consolidating the highest level of competence in matters concerning mowing design.

Number one in large-scale mowers of many years standing.



Limitlessly flexible with equipment to meet all requirements.

The big DISCOs are always perfect, either on a tractor with front and rear linkage or a reverse drive cab. The mower is composed of three units. In the middle, the standard DISCO 3100 F PROFIL, DISCO 3100 FC PROFIL, DISCO 3050 FC with a 3 m working width and then the butterfly DISCO 8550 with two outriggers, each measuring three metres.

- No problem coping with low clearance heights: the transport height can be reduced thanks to the hinged side protective covers.

With conditioner.

- The loose swath deposit accelerates the drying and wilting process considerably.
- Time saved through fewer working operations.
- Risk of being affected by adverse weather is reduced.

Without conditioner.

- For medium-sized farms looking for a cost-effective proprietary mechanization option.
- Effective use with tractors in the medium power range.
- Swivelling swathing plate for a uniform and well-formed swath.

Optional crop spreader.

CLAAS offers this option on all three units with conditioner, so that efficiency during the harvest can be improved.



DISCO 8550 and 8550 C – Mowing the way you want to.



Unique adaptation.

- Outside mowing units adapt to ground contours crossways and lengthways to the direction of travel, fully independently of the tractor height.
- The medium-sized mowing unit, DISCO or CORTO, offers all the familiar and proven advantages of CLAAS front mowers.
- Clean cut along the entire working width at all times.
- Sod remains undamaged.
- Less crop contamination means high-quality forage.

Easy adjustment to ground pressure.

The quick-adjustment mechanism can be used to adapt the tension of the discharging springs in three positions to the conditions of the field.

- Easy adjustment without the need for tools.
- Correct adjustment of the lower linkage height using the red markings for optimum ground height and suspension.



DISCO 8550 / 8550 C

DISCO 8550 and 8550 C – Power and cost-effectiveness.



Focusing on flexibility.

The DISCO 8550 can be used in either a front-rear combination or for tractors with a reverse drive cab.

Front-rear combination:

- Available on all large tractors with a front power take-off shaft.
- Simple handling and good weight distribution.

Option with reverse drive cab:

- Self-propelled-style overview of the mower.

Individual lifting function.

The control terminal enables you to preselect the function and activate it using the tractor controls.

- Headlands are cleanly cut using the mowing units' standard individual lifting function.

The effective spring loaded claw clutch for the outrigger mowing units on the DISCO 8550/8550 C has proven itself in heavy-duty situations, as illustrated here.





Speed monitoring.

On the DISCO 8550 C and the driven version of the DISCO 8550, the driver is alerted to a drop in the speed of the mowing unit by means of an audible and visual signal.

- Control all three mowing units using the speed monitoring function on the powertrain of the conditioner machines.
- Exploitation of the full power of the machine without interrupting the powertrain with unnecessary and uncontrolled loads.

Narrow dimensions when travelling.

- All of the mowing units can be hydraulically positioned from the cab.
- Low travel height.
- Foldable protective covers for small transport dimensions and good accessibility for any maintenance work.
- A good overview with both variations.
- Automatic locking for road travel.

DISCO 8550/8550 C



Getting the most from the conveyor.

You'd like to achieve optimum efficiency by streamlining the swathing operation. Or maybe you need to harvest whole crop silage for forage or create biomass for biogas plants. Perhaps you'd like to work with maximum flexibility to match your harvesting conditions with swathing, spreading or triple swath deposits? Then the DISCO 8550 AS is the one for you. Whatever the conditions, being able to deposit all 26.5 ft (8 m) of conditioned crop in a single swath opens up a whole new range of possibilities.

- Ultra-wide continuous conveyors made from robust material and featuring plastic slats (for optimum conveying) throughout.
- Reliable crop movement by conveyor belt rails at the sides.
- Simple conveyor speed adjustment according to the nature of the forage via a separate terminal.
- Swath width can be varied by repositioning the conveyor units.
- Cover between the conditioner and conveyor belt to ensure loss-free feeding of the mowed material.

Optimum flexibility and operational reliability.

- Simple and convenient to operate from the cab via the CLAAS Control Terminal.
- In the interests of high operational safety, the conveyor units are driven independently of the tractor by means of a separate hydraulic system.

Individual lifting function and Speed monitoring.

As with all DISCO 8550 models, you control and monitor the entire mower using the Control Terminal. The conveyor speed is regulated separately via a different terminal.

Mowing without the conveyors is possible at any time without the need for complex refitting. Alternatively, the conveyor can be detached completely to enable you to mow in the conventional manner using the DISCO 8550 C with crop spreader as standard.



DISCO 8550 AS – Ultra flexible.



35.4 x 86.6 inch (90 x 220 cm) and continuous.
Two textile layers are used to reinforce the wide
conveyor belt.

DISCO 8550 AS

DISCO 8550 C and XERION – A powerful combination.





A perfect team.

The combination of the power of the DISCO 8550 C and the convenience of the XERION makes for high performance levels and, what's more, a fun driving experience. Mowing with a three-in-one combination can make things so easy.

Impressive features.

- Four equal sized wheels for a maximum contact patch while remaining gentle on the ground.
- Maximum maneuverability thanks to four-wheel steering with a variety of steering variants and all-wheel drive.
- Spacious, comfortably equipped cabs with perfect all-round visibility of all mowing units.
- Rotating cab for optimum seating position when in reverse drive mode.
- Intuitive and easy operation.



DISCO 8550 C
with XERION



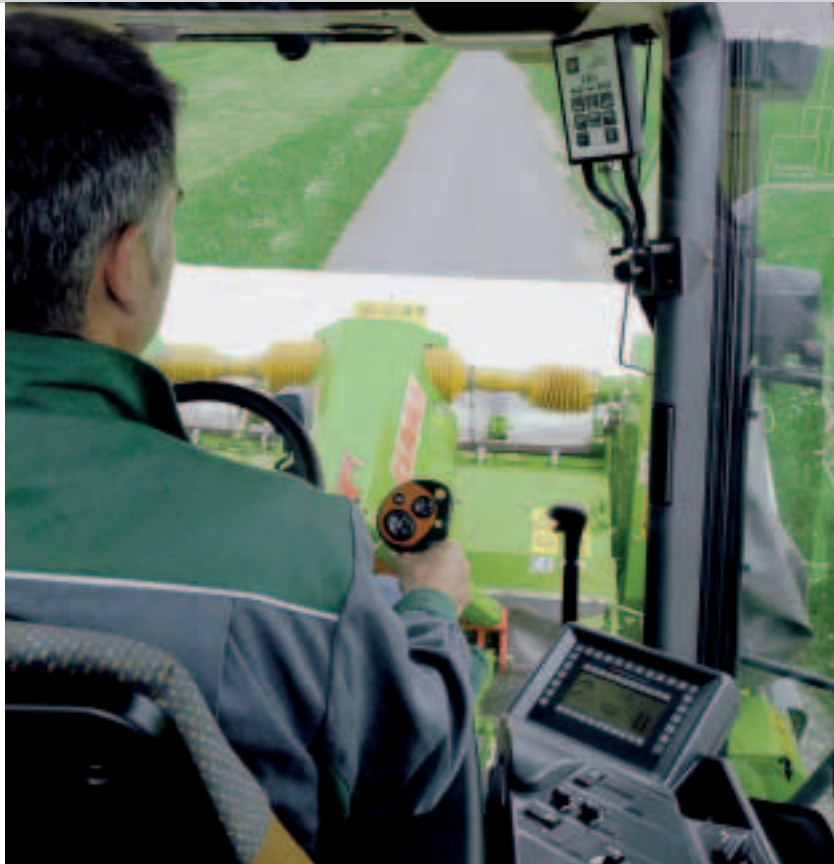
DISCO 8700 C – King-sized mowers.

Professional.

For farmers and farm contractors who want to get even more out of their existing choppers than whole crop silage and corn harvesting and make more effective use of the limited forage harvesting window both in terms of time and money, CLAAS has introduced the DISCO 8700 C with a working width of 27.9 ft (8.5 m) and a conditioner as standard. Combining the powerful JAGUAR features with flawless mowing technology brings impressive results when forage harvesting.

Best possible working conditions.

Mowing on a large scale brings out the best in the JAGUAR. The driver is comfortably seated with a clear view of all three mowing units and the full working width. You can calmly keep an eye on the work in progress and intervene immediately if corrections are necessary.



DISCO 8700 C for JAGUAR model 491 and model 492 – the powerful mowing alternative.

DISCO 8700 C

DISCO 8700 C – Fingertip control.



Perfectly under control.

The multifunction lever gives the driver control over all of the main functions: changeover from working to raised position, set-up of the suspension, lifting on headlands, individual outrigger mowing unit raising. The control terminal also houses the rpm gauge.

Adjustable ground pressure.

The suspension of each individual mowing unit can be regulated hydropneumatically using the control terminal and checked from the cab using three pressure gauges.



The two outer mowers can automatically give way to obstacles by being moved backwards by the hydraulic collision protection device.





Perfect mowing.

- Rugged design.
- Tough and reliable drive for a long life and high output.
- Power flows evenly to all the mowing units from the centre drive.
- Mowing unit speed monitoring as standard.
- Top crop quality thanks to hydropneumatic suspension of the mowing units.
- All main functions fingertip controlled via the multifunction lever.
- Clear overview.
- Compact transport position.
- Fully hydraulic switching from working to transport position and vice versa.
- A large fuel tank allows you to work longer without stopping.
- Optimum maneuverability.
- Big wheels mean low pressure.
- Optimum traction and stability on slopes thanks to mechanical 4 wheel drive.

DISCO 8700 C



Four ultra-wide tires of equal size with a large diameter help preserve the sod using every trick in the book.



COUGAR 1400 – World record in mowing width.

A new dimension in performance.

Nowadays more and more emphasis is being placed on the fast and efficient harvesting of grass silage, coupled with high forage quality. An important element here is mowing at the right time. Because there is an increasing tendency for forage harvesting to be outsourced, a high degree of mowing power is required.

There was a time when the working width was limited to a little over 30 ft (9 m), but CLAAS has now established a new performance class with a working width of 46 ft (14 m).

Superior ergonomics.

- Rotating, air-suspended cab for optimum visibility when working and during transport.
- Ideal seating position for perfect visibility of all five mowing units.
- The multifunction lever ensures fatigue-free operation of the machine throughout the entire working day.

Effortless adaptation to ground contours.

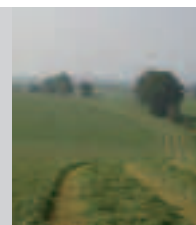
The mower's hydropneumatic suspension ensures optimum ground pressure, regardless of vehicle height, and reduces mechanical wear to a minimum.

Exceptionally agile.

Thanks to its four-wheel steering, the COUGAR is extremely agile and maneuverable. You will make light work of tight corners and slopes, while preserving the soil and enjoying a high degree of directional stability.

Full speed ahead.

A high travel speed of 25 mph (40 km/h) reduces the amount of time spent on the road and increases cost-effectiveness by fully exploiting the harvesting time available.



COUGAR 1400



We are there for you, wherever you are.

Rest assured that we can supply your business with the necessary spare parts at any time. Our central spare parts warehouse delivers all ORIGINAL CLAAS parts quickly and reliably all over the world. The many partners of CLAAS guarantee that they reach their destination as soon as possible – wherever you may be.

We provide the service.

The FIRST CLAAS SERVICE® teams can be counted on for professionalism and reliability in every minute of use. Round the clock, CLAAS importers and sales partners ensure optimum spare parts supply and reliable customer service worldwide.

We are speaking the same language.

CLAAS sales partners are some of the world's most efficient agricultural machinery companies. Not only are they perfectly trained and equipped with specialist tools, but they also have intimate knowledge of the workings of your farm and your expectations regarding competence and reliability.





Good partners
never leave
you in the dark.
However late
it may be.



FIRST CLAAS SERVICE®

DISCO

		DISCO 2650 / 2650C	DISCO 3050 / 3050C	DISCO 3450	DISCO 3100 F PROFIL
Mounting position		rear mounted	rear mounted	rear mounted	front mounted
Working width	ft (m) (DIN)	8.5 (2.6)	9.8 (3.00)	11.2 (3.4)	9.8 (3.00)
Travel width	ft (m)	—	—	—	9.8 (3.00)
Travel length	ft (m)	—	—	—	—
PTO speed	rpm	540 / 1000	540 / 1000	540 ⁽⁵⁾ / 1000	1000
Discs	Quantity	6	7	8	7
Knives per disc	Quantity	2	2	2	2
Knife dimensions	in. (mm)	115 x 48 x 4	115 x 48 x 4	115 x 48 x 4	115 x 48 x 4
“QUICK” knife changing system		•	•	•	•
Cutting height	in. (mm), approx.	1.5 (40)	1.5 (40)	1.5 (40)	1.5 (40)
Adjusting range	in. (mm), approx.	1 - 2.75 (30-700)	1 - 2.75 (30-700)	1 - 2.75 (30-700)	1 - 2.75 (30-700)
with additional runners	in. (mm), approx.	1 (+30)	1 (+30)	1 (+30)	1 (+30)
Swath width ⁽¹⁾					
without conditioner					
without swath disc outside	in. (mm), approx.	—	—	—	—
with swath disc outside	in. (mm), approx.	55 (1,400)	71 (1,800)	98 (2,500)	63-79 (1,600-2,00)
with conditioner	in. (mm), approx.	—	63-87 (1,200-2,200)	—	—
with additionally laid swath	in. (mm), approx.	—	—	—	—
Cross conveyor dimensions	in. (mm), approx.	—	—	—	—
Conditioner speed	rpm	—	— / 936	—	—
Tyres	—	—	—	—	—
Weight	lbs (kg), approx.	1,421 (640)	1,576 (710)	1,763 (800)	1,540 (700)
with conditioner	lbs (kg), approx.	—	2,257 (1160)	—	—
Crop spreader hood		— / ○	— / ○	—	—
Power requirement	from kW/hp	33 / 45	40 / 55	51 / 70	40 / 55
with conditioner	from kW/hp	—	51 / 70	—	—
Attachment	Category	II	II	II	II
Hydraulic control units		1 x single-acting	1 x single-acting	1 x single-acting	—

• Standard

○ Optional

⁽¹⁾ Depending on the model, the DISCO models without conditioner can be equipped with adjustable swathing plate

or swath disc either as standard or as an option. The specified swath widths will depend on prevailing crop conditions.

⁽²⁾ Working width incl. 3100 F PROFIL, 3100 FC PROFIL or 3050 FC; 8.3 m only possible in pushed version with conditioner

⁽³⁾ without front mower attachment

⁽⁴⁾ Speed change by conversion requires approximately 1 hour

⁽⁵⁾ only USA and CIS

CLAAS continually strives to adapt its products to meet practical requirements. Thus, all products are subject to changes. All descriptions and specifications in this brochure should be considered as 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. Never remove these protective panels yourself, to avoid any risk of danger. In this respect, please refer to the relevant instructions in the operator's manual.

DISCO 3100 FC PROFIL	DISCO 3050 FC
front mounted	front mounted
9.8 (3.00)	9.8 (3.00)
9.8 (3.00)	9.8 (3.00)
—	—
1000	1000
7	7
2	2
115 x 48 x 4	115 x 48 x 4
•	•
1.5 (40)	1.5 (40)
1 - 2.75 (30-700)	1 - 2.75 (30-700)
1 (+30)	1 (+30)
—	—
—	—
63-118 (1,600-3,000)	38-67 (960-1,700)
—	—
—	—
900 or 770	950 or 720
—	—
—	—
2,227 (1,010)	1,940 (880)
•	○
—	—
51 / 70	51 / 70
II	II
—	—

DISCO

		DISCO 8550 / 8550 C	DISCO 8550 AS	DISCO 8700 C
Mounting position		front/rear mounted or pushed	front/rear mounted	chopper mounted
Working width	ft (m) (DIN)	26.25/27.2 (8.00/8.30) ⁽²⁾	26.25 (8.00)	28 (8.50)
Travel width	ft (m)	9.8 (3.00)	9.8 (3.00)	9.8 (3.00)
Travel length	ft (m)	—	—	—
PTO speed	rpm	1000	1000	—
Discs	Quantity	2 x 7	2 x 7	3 x 7
Blades per disc	Quantity	2	2	2
Blade dimensions	in. (mm)	115 x 48 x 4	115 x 48 x 4	115 x 48 x 4
Blade attachment, screw-in (country-specific)		—	—	—
“Plus” knife changing system		•	•	•
Cutting height	in. (mm), approx.	40	40	40
Adjustment range	in. (mm), approx.	30–70	30–70	30–70
with additional runners	in. (mm), approx.	+ 30	+ 30	+ 30
Swath width ⁽¹⁾				
without conditioner				
without swath disc outside	in. (mm), approx.	—	—	—
with swath disc outside	in. (mm), approx.	2 x 71 (2 x 1,800)	—	—
with conditioner	in. (mm) approx.	2 x 48-63 (2 x 1,200-2,200)	—	38-67 (960-1700)
with additionally laid swath	in. (mm), approx.	—	71-118 (2,200-3,000)	—
Cross conveyor dimensions	in. (mm), approx.	—	36 x 87 (900 x 2200)	—
Conditioner speed	rpm	— / 900 or 770	1020	950 / 720
Weight	lbs (kg), approx.	4,232 (1,920) ⁽³⁾	—	—
with conditioner	lbs (kg), approx.	5,291 (2,400) ⁽³⁾	7,275 (3,300) ⁽³⁾	8,377 (3,800)
Crop spreader hood		○	•	•
Power requirement	from kW/hp	120 / 150	—	—
with conditioner	from kW/hp	140 / 190	160 / 220	—
Attachment	Category	II	II	—
Hydraulic control units		1 x single-acting	1 x single-acting	1 x double-acting

• Standard

○ Optional

⁽¹⁾ Depending on the model, the DISCO models without conditioner may be equipped with an adjustable swathing plate or swath disc either as standard or as an option. The specified swath widths will depend on prevailing crop conditions.

⁽²⁾ Working width incl. 3100 F PROFIL, 3100 FC PROFIL or 3050 FC; 8.3 m only possible in pushed version with conditioner

⁽³⁾ without front mower attachment

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**COUGAR
1400**

Working width	ft (m) (DIN)	46 (14.00)
Travel width depending on tires used		
Grass tires	900/55 R32	ft (m) 3.30
Permissible travel speed	mph	25 (40)
Engine	Type	DaimlerChrysler OM 457 LA
Cylinders		R6
Engine output (DIN)	kW/hp	350 / 438
Capacity	gal	12
Fuel tank	gal	250 (960)
Transmission		Hydrostatic
Mechanical all-wheel drive		•
Discs	No.	5 x 7
Blades per disc	No.	2
Blade dimensions	in. (mm)	115 x 48 x 4
Blade attachment		Quick blade change
Cutting height	in. (mm), approx.	1.5 (40)
Adjustment range	in. (mm), approx.	1-2.7 (30-70)
with additional runners	in. (mm), approx.	+1 (+30)
Conditioner speed	rpm	770/900
High comfort cab with air conditioning		•



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