Round balers

ROLLANT

CLAAS

The world of CLAAS.

You need to reap the rewards for all that hard work. And to get the job done, day after day out in the fields, down the long straights, turning in the headland or working on steep slopes, you also need some support along the way – preferably from a partner you know you can trust.

Tackling the task, and seeing it through to the end: that's your approach, and it's also what drives us – because as well as being an outstanding round baler, the CLAAS ROLLANT is the player you need on your team. It offers you ease of operation, high productivity, and above all, total reliability. In short, a great partnership, for a great result.

An all-round success: 100,000 ROLLANT.

The ROLLANT fixed chamber baler was developed in 1976.

CLAAS introduced the ROLLANT, the first round baler, in 1976, and our factory in Metz, France, has produced 100,000 ROLLANT balers since.

The ROLLANT is renowned, tried and tested all over the world. Whether straw, hay, silage, maize or cotton: the ROLLANT bales whatever our customers need.

But development never stops, not even after 44 years of experience. Read on to find out how our engineers have improved the ROLLANT's quality and reliability even further.

The ROLLANT success story.

- 1976: Market launch as the first baler with steel rollers in the bale chamber
- 1983: Introduction of the ROLLATEX net wrapping system
- 1991: ROTO CUT cutting system
- 1998: MAXIMUM PRESSURE SYSTEM with pivoting 3-roller segment
- 2001: Baling and wrapping in a single step – the UNIWRAP design
- 2010: The ROLLANT 400 series for throughputs of up to 51 t
- 2020: The 100,000th ROLLANT rolls off the assembly line

An effective combination: 20 years of UNIWRAP.

30 years of ROTO CUT.

The first ROTO CUT cutting rotor was integrated in 1991. Only from CLAAS: The 4-star rotor enables more cuts per minute and therefore increases the cutting quality. The ROTO CUT cutting rotor was already available in the first ROLLANT 255 UNIWRAP.

Up to 25 knives …
… are located in the ROLLANT cutting mechanism, depending on the model, for a high-quality cut.

20 years of experience serving our customers.

- Large tyres and a single axle for optimal ground contour following
- Number of knives increased from 14 to 25
- From 7,056 to 13,800: more cuts per minute for higher-quality forage
- The knives and cutting frame can always be operated from the cab
- Rollers twice as thick as those in the first ROLLANT UNIWRAP models
- Bale transfer and wrapping cycle reduced from 50 to 35 seconds
- Wrapping time for 6 layers per bale accelerated from 35 to 23 seconds
- Now with net and net replacement film wrapping

A wide product range to meet any requirements.

ROLLANT ø 1.50 m – the seasoned expert.

Solo balers.

ROLLANT 620.
- ROTO FEED or ROTO CUT
- 7 knives
- Forced intake thanks to the rotor
- Net wrapping or twine tying
- Up to 150 bar baling pressure
- Pick-up with crop guard

ROLLANT ø 1.25 – 1.35 m – the machine that does it all.

ROLLANT 520.
- Rotor, ROTO FEED or ROTO CUT
- 14 knives
- Hydraulic ROTO REVERSE
- Net wrapping or twine tying
- Up to 150 bar baling pressure
- Pick-up with crop guard
- Optional: MPS II

ROLLANT 540.
- ROTO CUT Heavy Duty
- 15 knives
- Automatically lowerable PRO cutting frame
- Film or net wrapping or twine tying
- Up to 180 bar baling pressure
- Automatic tailgate (COMFORT)
- Pick-up with roller crop press
- Optional: MPS II

UNIWRAP ø 1.25 – 1.35 m – everything for wrapping.

Baler/wrapper combination.

UNIWRAP ROLLANT 455.
- ROTO CUT Heavy Duty
- 25 knives
- Automatically lowering PRO cutting frame
- Net and/or film wrapping
- Up to 180 bar baling pressure
- Automatic tailgate (COMFORT)
- Pick-up with roller crop press
- MPS PLUS
- High-performance wrapper

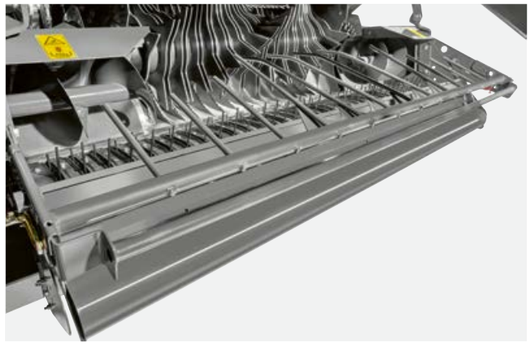
UNIWRAP ROLLANT 454.
- ROTO CUT Heavy Duty
- 25 knives
- Automatically lowering PRO cutting frame
- Net and/or film wrapping
- Up to 180 bar baling pressure
- Automatic tailgate (COMFORT)
- Pick-up with roller crop press
- High-performance wrapper

ROLLANT 454 / 455.
- ROTO CUT Heavy Duty
- 25 knives
- Automatically lowering PRO cutting frame
- Net wrapping
- Up to 180 bar baling pressure
- Comfort hydraulics
- Pick-up with roller crop press
- MPS PLUS standard in the ROLLANT 455

Ensures a great start: the pick-up.

At a glance.

- With a working width of 2.10 m, the pick-up easily captures even very wide swaths
- The crop flow remains consistent even in curves and at high speeds
- The ingenious pick-up design and location reduce forage losses and contamination
- Roller crop presses and a baffle plate increase the throughput even further



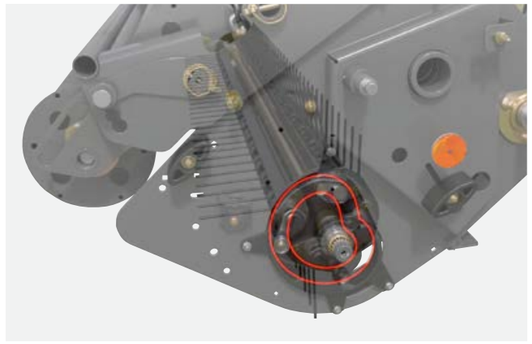
Single- or double-roller crop press – for higher performance.

What benefits does a forward-mounted roller crop press offer? In short, it presses the crop down, speeds up the flow of crop material and conveys it actively to the rotor. It also ensures uniform filling of the bale chamber, and, as a result, produces perfectly formed round bales. Having the pick-up close to the rotor ensures optimum crop transfer. This combination of conveyor auger and roller crop press makes the task easier, particularly with irregular silage swaths.

2.10-m working width – for total work performance.

The pick-up of the ROLLANT 520 has a working width of 2.10 m and picks up even very wide swaths. A speed of 140 rpm ensures an even crop flow without forage soiling. The short baffle plate guides the crop flow reliably to the rotor even when baling small or irregular swaths. The pick-up is equipped with flexible spring steel tines that have proven their worth even under the hardest of conditions. The tines are closely spaced to leave a cleanly raked field.

Another benefit is that the operator can monitor the crop flow straight from the cab, as the pick-up is positioned clearly visible at the front. This makes it easier for you to adjust speeds to swath sizes and enables you to control the crop flow optimally to prevent baler blockages.



Cam-controlled pick-up for optimum crop flow.

The cam-controlled pick-up adjusts to any ground contours, even at high working speeds and while negotiating curves. Proven technology from other CLAAS products (JAGUAR, CARGOS, QUADRANT)

Generously dimensioned lateral stub augers, for tightly packed bale edges.

To prepare the way, generously dimensioned lateral stub augers adjust the crop to the bale chamber width. This keeps the bales particularly firm around the edges and makes them extremely robust. The benefit: The bales will withstand rough handling during transport and storage without losing their shape.

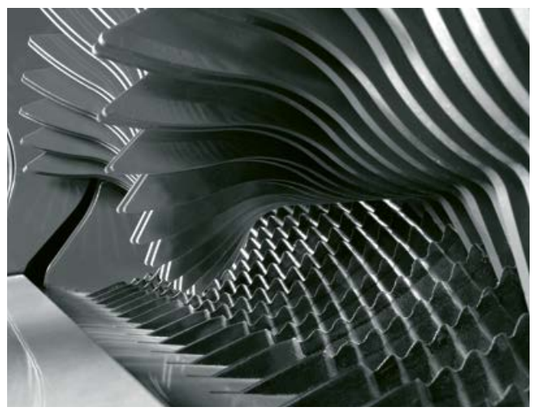
Feeder systems:
the right system for each application.

High forage quality without chopping: packers.

The ROLLANT 520 R is ideally suited for farmers who definitely do not want to chop their crops and value gentle forage handling. The packer pulls the crop continuously from the pick-up and actively feeds it into the bale chamber, ensuring a high throughput.

Maximum crop flow output: ROTO FEED.

The rotor blades of the feed rotor are arranged in dynamic helixes to ensure uniform intake and efficient throughput. The system is particularly well-suited to delicate types of forage such as alfalfa. The helical arrangement protects crops and produces top-quality forage.



For high-quality milk: ROTO CUT.

Energy-rich, palatable silage with optimum lactic acid fermentation is a fundamental prerequisite for high milk production in the dairy herd. This requires three things: short fodder, high compaction and the exclusion of oxygen.

Regarding the cutting quality, the solid heavy-duty cutting rotor in the ROLLANT is designed for ultimate performance. It is made of double-hardened boron steel with helical double tines. Individual blade protection prevents damage to the knives, increases their service life and ensures consistent cutting quality. The knives are also available with tungsten carbide coating.

Unique: the proven ROTOCUT design.

ROTO CUT – short cut.

The ROTO CUT feed system runs at up to 13,800 cuts per minute. Four rows of tines gather in the crop evenly through the knives. The crop is guided precisely over the centre of the blades and cut exactly in the process. A special system of strippers keeps the rotor clean throughout operation. The carefully fine-tuned angle to the feed tines effectively prevents crushing of the crop as it passes through. Uniformly cut slices improve silage quality and facilitate easy distribution both in silage preparation and later on in the feed mixer.

Operational reliability.

The 14, 15 or 25 knives of the knife bar are individually secured. They are spring preloaded and therefore able to avoid extraneous objects. Knives not affected by such objects continue to cut the crop cleanly and reliably for optimal forage quality.

Knives removed in a flash.

When the bale chamber is opened, the blades can be easily installed and removed from above.

When endurance matters: ROTO CUT Heavy Duty.

Tough job to be done? Bring it on! The Heavy Duty drive concept in the ROLLANT makes these machines ideal for tough working conditions in silage. This is because of the 8-mm-thick, four-star dual tines, the ultra-robust individual blade protection and very robust knife bracket. Cutting quality therefore remains excellent even in silage.

What makes ROTO CUT HD so effective:

- ROTO CUT 8-mm tine stars
- Reinforced individual blade protection
- Reinforced Tsubaki chains (main drive and rotor drive)
- Standard or HD knives
- 44 mm or 70 mm length of cut

ROLLANT PRO.

Baling is hard work, and speed is of the essence. That means high daily throughput rates and intelligent systems to help the driver get the job done. These include a floor-lowering function for active adaptation to the crop flow. Automatic lowering by up to 30 mm allows the continuous intake even of irregular swaths, with no impact on cutting quality.

Early warning system helps avoid blockages.

Any unusual floor movement is detected by a sensor and immediately displayed on the control terminal as an optical and audio alarm. This enables you to respond promptly when there is a risk of a blockage, from the comfort of the cab. So you can operate the baler right up to its limits, without the problem of downtime from blockages.

High pressure with particularly robust steel rollers.

High pressure with particularly robust steel rollers.

For quality forage, crops need to be compacted quickly into high-density bales. In the ROLLANT, this is done with highly robust steel rollers with profile webs, which ensure an active crop feed. As a result, the crop is pressed into firm, round bales with excellent shape retention even in damp conditions. All bearings and drive shafts are designed for this baler's high power and throughput.

MAXIMUM PRESSURE SYSTEM (MPS).

Choose a steel-roller bale chamber with MPS if you're after rock-hard bales with high core compaction. That's because of the extra pressure delivered by MPS, the pivoting 3-roller segment in the ROLLANT tailgate. At the start of the bale formation process, the three MPS rollers project into the bale chamber. They are then pushed back up into their end position by the bale as it increases in size. The benefits for you: The bale rotates right from the start and is compacted starting from a diameter of only 90 cm. The result is highly compacted bales – even at high ground speeds.

Hydraulic pressure control.

The locking mechanism via a hydraulic ram enables the tailgate to adjust to and lightly resonate in line with the rising pressure as the bale size increases. The bale is able to rotate at all times, and the baling process is neither slowed down nor inhibited in any way.

Opening and closing in record time.

The double-acting hydraulic rams are highly responsive to ensure that you are able to open and close the tailgate extremely speedily from the tractor cab.

Net, twine or foil – it’s your choice.

Film wrapping.

With the ROLLANT 455 UNIWRAP and ROLLANT 454 UNIWRAP, you can choose to wrap your bales with film rather than net. The pre-stretched film fits particularly tightly around the bale. This means less consumption of material, better sealing of bales and optimum preservation of forage to ensure optimal forage quality.

Wrapping and tying always in view.

Whichever type of wrapping or tying you choose, you'll always have a clear view of the process. In the ROLLANT 620, the wrapping/tying system is directly visible even while driving to make sure you’re always on top of the status and progress of the process.

In great shape with the new net wrapping.

Whether twine or net, you'll be sure to get everything right with the ROLLANT 620. The new net wrapping system works more reliably than ever and saves a lot of time: Wrapping is fully automatic and takes only a few seconds. The sophisticated net guide allows the net to be applied tightly across the full bale width and firmly binds the edges as well. The result is firmly wrapped bales with a good bale shape.

Your alternative: twine tying.

With twine tying, you have a choice of manual or automatic twine start. The automatic system starts the process once the set final pressure is reached, with the operator receiving a visual and acoustic alert.

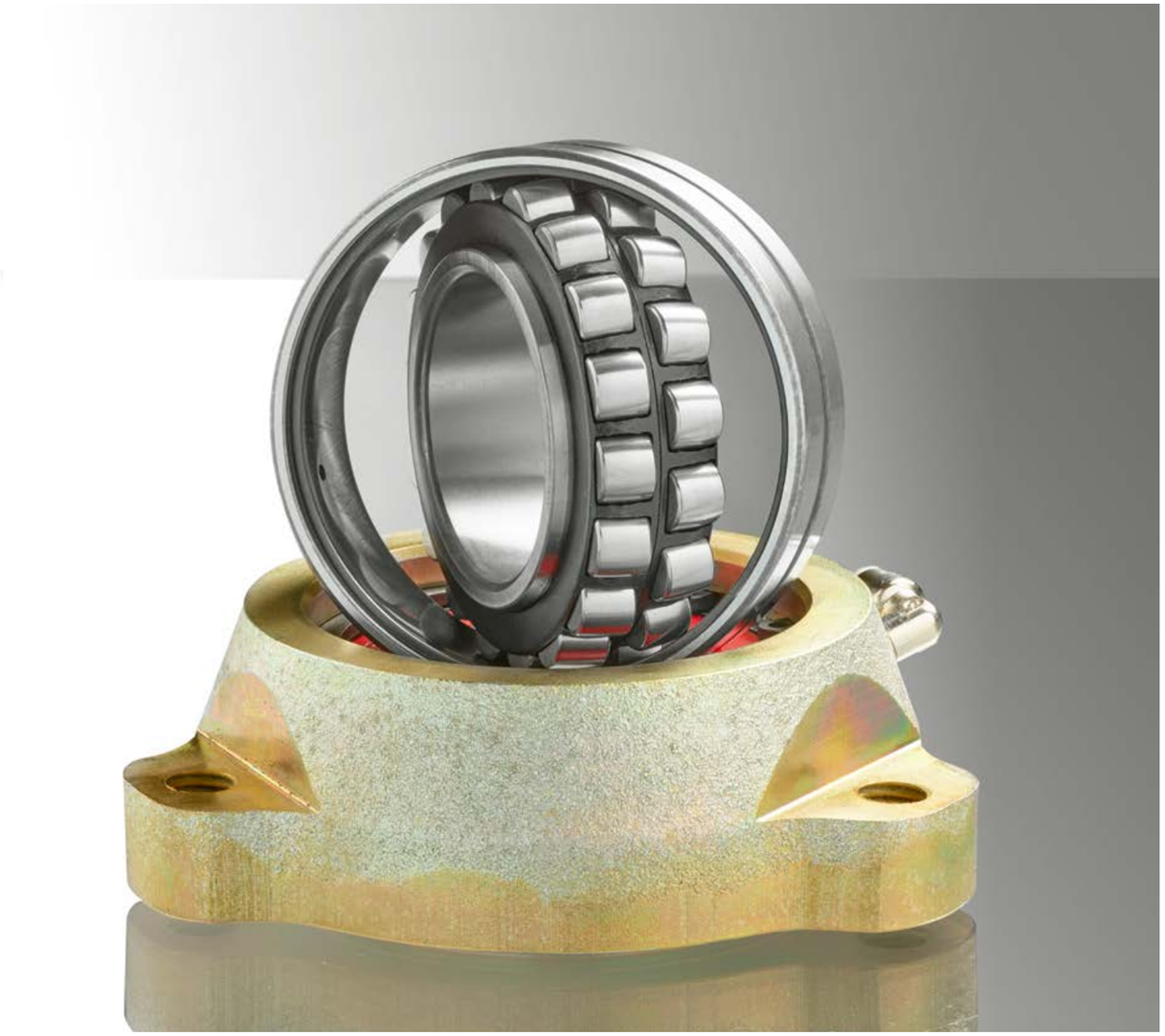
Does even more: the COMFORT version.

The ROLLANT COMFORT allows you to control the number of wraps from the ISOBUS control unit in the tractor cab. As a result, you can respond flexibly to your customers’ requirements. The automatic tailgate opening and closing feature is unique to this machine.

Roll changes are a breeze.

If you wrap your bales with net or film, you need to handle heavy rolls. However, with the convenient loading bay on the ROLLANT, changing rolls is a breeze.

Key requirements for harvesting – perfectly coordinated resources.



How much Heavy Duty you need is your decision.

The key success factors for bale silage are high compression, reliable operation, outstanding cutting quality and a user-friendly machine. The extensive CLAAS range of balers has the right machine for every farmer or contractor, from the ROLLANT 520 entry-level model to the 455 UNIWRAP for any baling task – and of course much more besides.

CLAAS Heavy Duty: making light of hard work.

Balers in the ROLLANT range come equipped with the Heavy Duty drive line, meaning that the main transmission, drive chains and cutting system, including knives and knife guards, are designed for the toughest conditions and heaviest loads.

The 400 series models have a very high main transmission torque. That means even greater power, which is critical for difficult crop materials such as moist or wet silage. Heavy Duty means precisely what it says: the rotor is made of solid 8-mm boron steel, double-hardened. There are four rows of tines for optimum forage pick-up. Yet the power requirement is relatively low, thanks to the helically arranged dual tines. A sturdy frame provides all-round protection. The rollers are even stronger than before, with a large stub axle. Eight welded bracing elements ensure maximum strength.

All Heavy Duty components deliver high reliability and a long service life, no matter what operational demands you put on your new ROLLANT. This is clearly reflected in the large chain dimensions:

- Heavy Duty rotor chains
- Heavy Duty main drive chain
- Heavy Duty tailgate chain

At a glance.

- Heavy Duty chopping system (knife and knife guard)
- Heavy Duty main transmission, running at 1,000 rpm
- Heavy Duty rotor
- Tsubaki Heavy Duty drive chains

"This is one tough baler – the whole chassis, including the wrapper, and all the chains and rollers have been built extra-strong, and the chopping performance is superb!“

Gunnar/Max Kortum, of Kortum contractors, on the Heavy Duty drive concept

Our top performer: the ROLLANT 455 UNIWRAP.

The ROLLANT product family is a powerful team – all of them with sophisticated technology. And each of them a pro in its field. After all, each field and each harvest are unique.

Whether in hay, straw, silage or hemp – all models stand out through superior performance above all. The ROLLANT 455 UNIWRAP is the top performer in our team, and we'd like to introduce this baler to you in more detail.

- 16-roller fixed-chamber design for perfectly formed silage bales and optimum crop flow
- Up to 25 knives for highest-quality cuts
- 23-second wrapping cycle with six layers of film
- 2.10-m pick-up for a huge intake capacity
- Net and/or film wrapping
- Hydraulic MAXIMUM PRESSURE SYSTEM (MPS)

At a glance.

- The fastest wrapper on the market
- Superior reliability with new, stronger rollers
- High-power rotor with up to 13,800 cuts per minute
- Unrivalled bale density
- Outstanding user convenience
- 25 knives, for excellent silage quality

	ROLLANT	455 UNIWRAP
1	2.10-m pick-up	□
2	ROTO CUT: large-sized 25-blade cutting rotor with knife group activation	□
4	PRO: Drop floor for blockage clearance	□
5	Rolling chamber with MPS PLUS	□
7	16 reinforced profiled steel baling rollers	□
8	New, stronger rollers	□
9	1½″ rotor drive / 1¼″ main drive	□
11	Convenient net wrapping with electromagnetic net brake	□
13	Film wrapping	○
14	12-second bale transfer	□
16	Wrapping table sloped towards the bale chamber for secure bale transfer	□
17	High-speed wrapping-arm drive up to 36 rpm	□
19	Left and right guides for slope compatibility	□
20	67% or 82% pre-stretching for airtight bale wrapping and reduced film consumption	□
21	Wrapping process accelerated by over 30%; just 23 seconds for 6 layers of film	□
22	Capacity for 2 × 6 film rolls	□
23	COMMUNICATOR II with colour display and ISOBUS technology	□

○ Optional □ Available – Unavailable

A clever design: the UNIWRAP concept.

At a glance.

- Saving valuable time:
  the fastest transfer platform and fastest wrapper on the market
- Controlled from the terminal
  (COMMUNICATOR II in the cab, or, uniquely, the CLAAS MEDIUM TERMINAL II directly on the wrapper)

Wrapping at its best.

The UNIWRAP with two 750-mm pre-stretchers wraps six layers of film with 52% overlap tightly around the bale. In no time at all, or more precisely in a mere 23 seconds.

As a result, the wrapper is always faster than the baler, so that the ROLLANT can be operated at full capacity even with the addition of the wrapper. The film is pre-stretched by 67% as standard, and by 82% as an option, and firmly glued around the bale under that tension. Using the 82% pre-stretching option lowers your film consumption, makes the film supply go further and reduces your handling costs.

If either of the two rolls of film runs out before the wrapping cycle is complete, the unfinished bale is carefully wrapped at half speed using the other film roll. Each of the two wrapping arms is equipped with a sensor to monitor correct operation – the driver is alerted to the situation, and the wrapping speed is also automatically reduced.

The entire wrapping process can be controlled from the terminal, with a choice of the ISOBUS terminal in the tractor cab or the CLAAS MEDIUM TERMINAL (CMT) directly on the wrapper.

Transferring the load.

The compact design of the UNIWRAP baler/wrapper combination allows for the rapid and reliable transfer of the bale. Bale transfer takes a mere 12 seconds from the moment the tailgate opens until it closes again. Laterally mounted plates centre the bale accurately, even on sloping terrain. The transfer platform then raises the bale safely onto the wrapping table, which is tilted towards the bale chamber, where the bale is guided along by an array of large rollers.

What happens during maintenance work, such as a film change, for example? No problem. You can simply operate the wrapping functions and film shears manually, directly at the wrapper, with the CLAAS MEDIUM TERMINAL II. The wrapper control terminal can also be used to set the number of film layers and mode of operation – either "bale and wrap" or "bale without wrapping".

Twisting the bale.

With the bale twisters, the film-wrapped bales can be placed on their front face during discharge. This is to minimise damage from hard stubble, since the top and bottom faces generally have the thickest film cover. For transport, the bale twister is simply raised hydraulically, which means the overall length of the UNIWRAP does not change when on the road.

Operation at the push of a button.


1


2


3


4

1 / COMMUNICATOR.

The COMMUNICATOR terminal has a 5.7" colour display. It conforms to the ISO UT standard, allowing convenient control of ISOBUS-compatible implements from the COMMUNICATOR. Naturally, functions can also be assigned to the F keys (auxiliaries).

2 / OPERATOR.

The OPERATOR impresses with its self-explanatory user interface and its convenient customer management, and 28 job memories are available for flexible deployment. In addition, the function keys are backlit. An ISOBUS-compatible device from CLAAS is required when using the OPERATOR.

At a glance.

- Access all the important functions directly from the driver's seat
- NEW: CEMIS 700 for ROLLANT 540
- Choice of OPERATOR or COMMUNICATOR operating terminal.
- S10 terminal with a wide range of functions

3 / NEW: CEMIS 700.

The new CEMIS 700 control terminal offers not only a convenient user interface and colour touch screen, but also a large display area and very high resolution. The terminal is compatible with various camera systems. The job counter with 20 storage spaces collects valuable data on the number of bales and operating hours so you can provide greater transparency for your customers. Naturally the CEMIS 700 is ISOBUS-compatible and complies with AEF standards. The terminal is available for the ROLLANT 540 and replaces the COMMUNICATOR and OPERATOR.

4 / S10 Terminal.

The S10 is a CLAAS terminal for professional users. It has a large, high-resolution 10.4" touchscreen and features an extensive range of functions. With the S10, you can operate the steering system while at the same time controlling ISOBUS-enabled functions and connecting up to four analogue cameras, such as the CLAAS PROFI CAM. The Function keys (auxiliaries) can of course also be assigned.

The terminal	OPERATOR	COMMUNICATOR II	CEMIS 700	S10
CLAAS UT	□	–	–	–
ISO UT	–	□	□	□
Y cables	□	□	□	–
Printer-compatible	□	□	□	□
Touch screen	–	–	–	□
Colour screen	–	□	□	□
Settings				
Bale chamber pressure	□	□	□	□
Number of knives	□	□	□	□
Automatic tailgate opening	–	□	□	□
Wrapping	□	□	□	□
Wrapper settings				
Number of film layers	–	□	□	□
Wrapper speed	–	□	□	□
Knife opening time	–	□	□	□
Automatic bale discharge	–	□	□	□
Overlap	–	□	□	□
Slope equipment	–	□	□	□
Operating mode	–	□	□	□
Information in the task menu				
Diameter	□	□	□	□
Baling pressure	□	□	□	□
PTO shaft speed	□	□	□	□
Knife position	□	□	□	□
Number of bales	□	□	□	□
Customer menu				
20 customer orders	□	□	□	□

□ Available – Unavailable

Designed for day and night work.

Unique technology for compact bales. ROLLANT by CLAAS.

A baler needs to do more than just bale hay and straw. Today's farms have a wide range of requirements in terms of bale size and shape and how the bales are going to be used. CLAAS meets these requirements with its ROLLANT. These fixed-chamber balers with robust drives and reinforced rollers are perfect for your daily work. They also feature a wide range of smart solutions to make them particularly easy to operate and maintain.

Maintenance.

Constant chain lubrication.

The new distribution units in the 6.3-litre lubricator supply each individual chain with exactly the amount of oil needed for long and smooth-running operation. You can save on cash, in addition to valuable maintenance time.

Central lubrication of the tailgate bearings in the ROLLANT 540.

The various lubricating nipples for the tailgate and MPS are easily accessible from the right side of the machine at standing height.

Electric central lubrication

Lubrication intervals can be set directly on the terminal to have bearings lubricated automatically.

Whatever it takes – CLAAS Service & Parts.

CLAAS Service & Parts is always there for you, 24/7.

service.claas.com

Specially matched to your machine.
Precision-manufactured parts, high-quality consumables and useful accessories. Choose our comprehensive product range to be certain of receiving exactly the right solution to ensure 100% operating reliability for your machine.

For your business: CLAAS FARM PARTS.
CLAAS FARM PARTS offers one of the most comprehensive ranges of multi-brand parts and accessories for all agricultural applications on your farm.

Global supply.
The CLAAS Parts Logistics Center in Hamm, Germany, stocks almost 200,000 different parts and has a warehouse area of over 140,000 m^2. This central spare parts warehouse delivers all ORIGINAL parts quickly and reliably all over the world. This means that your local CLAAS partner can supply the right solution for your harvest or your business within a very short time.

Your local CLAAS distributor.
Wherever you are, you can count on us to always provide you with the service and the contact persons you need. Your CLAAS partners are on hand in your local area, ready to support you and your machine around the clock. With know-how, experience, commitment and the best technical equipment. Whatever it takes.

ROLLANT		520 RC	520 RF	520 R	620 RC	620 RF
Hitching						
PTO shaft speed	rpm	540	540	540	540	540
Single wide-angle drive shaft with freewheel and cam control		●	○	○	●	○
Single wide-angle universal drive shaft with shear bolt coupling		●	●	●	●	●
Pick-up						
Width	m	2.10	2.10	1.85	2.10	2.10
DIN pick-up width	m	1.90	1.90	1.65	1.90	1.90
Simple spool valve for raising the pick-up and the knives		●	–	–	●	–
Number of tines per row		32	32	28	32	32
Tine spacing	mm	70	70	70	70	70
Pick-up castor guide wheels		Fixed (oscillating ○)	Fixed (oscillating ○)	Fixed (oscillating ○)	Fixed (oscillating ○)	Fixed (oscillating ○)
Crop feed						
Forced crop feed with		ROTO CUT	ROTO FEED	Packer	ROTO CUT	ROTO FEED
Number of knives		14	–	–	7	–
Hydraulic connection						
Simple spool valve for raising the pick-up		●	●	●	●	●
Double-acting spool valve for tailgate rams		●	●	●	●	●
Bale chamber						
Number of baling rollers		16	16	16	17	17
MAXIMUM PRESSURE SYSTEM II		○	○	–	–	–
Automatic dual twine wrapping		●	●	●	●	●
Net wrapping ROLLATEX		●	●	●	●	●
Number of twine reels in the twine box		6	6	6	6	6
Number of net rolls		2	2	2	2	2
Adjustable baling pressure on the machine		●	●	●	●	●
Bale ramp		○	○	○	○	○
Automatic chain lubrication		●	●	●	●	●
Bale chamber dimensions						
Width	m	1.20	1.20	1.20	1.22	1.22
Diameter	m	1.25	1.25	1.25	1.50	1.50
Operation						
OPERATOR		●	●	●	●	●
Tyres						
11.5/80-15.3 8PR		●	●	●	●	●
15.0/55-17 10PR		○	○	○	○	○
19.0/45-17 10PR		○	○	○	○	○
Running axle		●	●	●	●	●
Air brake system		○	○	○	○	○
Hydraulic brakes		○	○	○	○	○
Active hydraulic braking system		○	○	○	○	○
Dimensions and weights						
Length	m	4.70	4.70	4.70	5.08	5.08
Width	m	2.50	2.50	2.50	2.47	2.47
Height	m	2.30	2.30	2.30	2.97	2.97
Weight	kg	2990	2685	2685	3470	3250

ROLLANT		540 RC COMFORT	540 RC	540 RF
Hitching				
PTO shaft speed	rpm	540/1000	540/1000	540/1000
Wide-angle drive shaft with cam control		●	●	●
Pick-up				
Width	m	2.10	2.10	2.10
DIN pick-up width	m	1.90	1.90	1.90
Hydraulic pick-up lift		●	●	●
Ground adaptation with two height-adjustable castor guide wheels		●	●	●
Fixed guide wheels		●	●	●
Castor guide wheels		○	○	○
Folding castor guide wheels		○	○	○
Feeder system				
Rotor		ROTO CUT	ROTO CUT	ROTO FEED
Knife group activation		0, 7, 8, 15	0, 15	–
Hydraulic connection				
Single-acting spool valve for pick-up lift		●	●	●
Double-acting spool valve for tailgate rams		–	●	●
Single-acting spool valve with free-flow return + LS		●	–	–
Bale chamber				
Number of baling rollers		15	15	15
MAXIMUM PRESSURE SYSTEM (MPS II)		○	○	○
ROLLATEX net wrapping		–	●	●
Twine/ROLLATEX net wrapping		–	○	○
ROLLATEX COMFORT net wrapping		●	–	–
Film/ROLLATEX COMFORT net wrapping		○	–	–
Bale chamber dimensions	m	1.22 × 1.25	1.22 × 1.25	1.22 × 1.25
Operating console				
ISOBUS cable		●	●	●
OPERATOR		□	□	□
COMMUNICATOR		□	□	□

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● Standard ○ Optional □ Available – Unavailable

ROLLANT		455 RC UNIWRAP	455 RC	454 RC UNIWRAP	454 RC
Hitching					
PTO shaft speed	rpm	1000	1000	1000	1000
Ball hitch		○	○	○	○
Drive chains		Heavy duty	Heavy duty	Heavy duty	Heavy duty
Hydraulic connection					
2 x single-acting spool valve and open return line		●	●	●	●
Pick-up					
Width	m	2.10	2.10	2.10	2.10
DIN raking width	m	1.90	1.90	1.90	1.90
Roller crop press		○	○	○	○
Oscillating pick-up castor guide wheels		●	●	●	●
Crop feed					
ROTO CUT Heavy Duty cutting rotor		●	●	●	●
Number of knives		25 (0, 12, 13, 25)	25 (0, 12, 13, 25)	25 (0, 12, 13, 25)	25 (0, 12, 13, 25)
HD knives		○	○	○	○
Blanked-off knives		○	○	○	○
Drop PRO cutting frame		●	●	●	●
Bale chamber					
Number of baling rollers		16	16	16	16
Automatic chain lubrication		●	●	●	●
Automatic central lubrication for baler bearings		○	○	○	○
Bale ejector		–	●	–	●
Bale chamber dimensions					
Width	m	1.20	1.20	1.20	1.20
Diameter	m	1.25–1.35	1.25–1.35	1.25–1.35	1.25–1.35
Operation					
COMMUNICATOR II		●	●	●	●
CLAAS MEDIUM TERMINAL II (wrapper)		●	–	●	–
OPERATOR		–	–	–	–
ISOBUS cable		●	●	●	●
Wrapping					
Net wrapping		●	●	●	●
Twine tying		–	–	–	–
Film wrapping		○	–	○	–
Wrapper					
Film stretcher	mm	2 × 750	–	2 × 750	–
Film capacity		14 rolls	–	14 rolls	–
Overlap, configurable	%	52	–	52	–
Pre-stretching	%	67 (82 ○)	–	67 (82 ○)	–
Slope equipment		○	–	–	–
Tyres					
15.0/55-17 10PR		–	●	–	●
19.0/45-17 10PR		–	○	–	○
550/60-22.5		●	–	●	–
560/45-22.5 16PR		–	○	–	○
620/55 R 26.5		○	–	○	–
Air brake system		●	○	●	○
Overall dimensions					
Length	m	6990	4250	6990	4250
Width	m	2955	2955	2955	2955
Height	m	3250	3250	3250	3250
Weight	kg	5800	3150	5800	3150
Options					
Work lights		○	○	○	○
Bale twister		○	○	○	○
Load sensing		○	○	○	○

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● Standard ○ Optional □ Available – Unavailable

Ensuring a better **harvest**.

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