

CLAAS

ROLLANT
455 / 454 RC UNIWRAP
455 / 454 RC
375 RC UNIWRAP
375 RC
374 RC
374 RF

Time-saving machines.



Well coordinated –
harvesting systems from CLAAS.





For daily grassland-based operations, you need more than just robust machinery; you need technology that works and is quite simply a pleasure to work with – reliable technology that works in unison when the going gets tough and when there seems to be no end in sight. And, what's more, you need harvesting systems that piece together seamlessly.

As a leading equipment manufacturer of forage harvesting machinery, CLAAS provides the ideal harvesting chain for any farm or business size. Our coordinated machines support you in your day-to-day operations and enable you to achieve optimal results in forage harvesting.

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CLAAS Quality – Made in Metz.



In 1959, the foundations were laid for the present-day CLAAS France plant in Woippy, and gradually the entire baler production was consolidated there. The pool of expertise and many years' experience in baler design soon led to a successful expansion of the range of balers.

Today, there are four names that stand for innovation, performance and efficiency:

- MARKANT – the conventional high-pressure baler
- ROLLANT – worldwide, the best-selling round baler equipped with a fixed chamber
- VARIANT – the round baler with variable chamber
- QUADRANT – the large square baler

Since the start of production over 50 years ago, over 290,000 balers have been manufactured. Following the introduction of the legendary QUADRANT 1200, more than 10,000 large square balers alone have rolled off the production line.

The last few years have been focused on optimising manufacturing processes. With the introduction of mixed production, we now have optimum flexibility.

Visit Europe's most modern baler factory at claas.com – search term: FactoryTour Metz.





State-of-the-art manufacturing by a company with deep-rooted traditions.

Today, the CLAAS factory in Metz is the largest baler factory in Europe, with an annual production of around 4,000 balers. A dedicated team of experienced baler specialists and young engineers is constantly working on new solutions for the world's markets.

Unlike many of its competitors, CLAAS manufactures key components in-house. For example, the bale roller, chopping rotor and knoter production and also frame welding are all carried out within the CLAAS facilities, guaranteeing consistently high quality standards.

Highly automated processes ensure greater manufacturing precision. In-house manufacturing and a timely parts flow into the ongoing production process ensure balers are produced to the highest quality standards.



Manufacturing

Top performance right from the outset.



With its 2.10-m working width and 130 rpm in the 400 range and 125 rpm in the 300 range, the pick-up is able to rake even the widest swaths thoroughly without any soiling of the forage. Large castor guide wheels keep it securely on track. The short crop guard guides the flow of forage safely to the rotor, even in the case of small and irregular swaths. The pick-up follows every ground contour and protects the grass cover, even at high operating speeds and when turning.

Double-roller crop press for optimum input

The front double-roller crop press compacts the crop, accelerates crop flow and actively guides it to the rotor. It also ensures that the bale chamber is filled evenly, thus creating perfectly round bales.

The short distance between the pick-up and rotor ensures the smooth transportation of the crop. The combination of lateral stub augers and roller crop press make life easier, particularly when working in uneven silage swaths.

As an option, all models in the ROLLANT 400 and 300 range can also be equipped with a ball-head attachment.





Controlled crop flow for stored bales.

Large stub augers on either side feed the crop to the intake, ensuring extra bale density around the edges. This in turn improves bale stability and the bales withstand rough handling better, but do not lose their shape during transport or over long storage periods.

The pick-up is located well forward on the baler, maximising the driver's visibility from the tractor seat. This makes it easier to adapt the speed to the size of the swath and thus monitor the crop flow and prevent blockages from occurring.

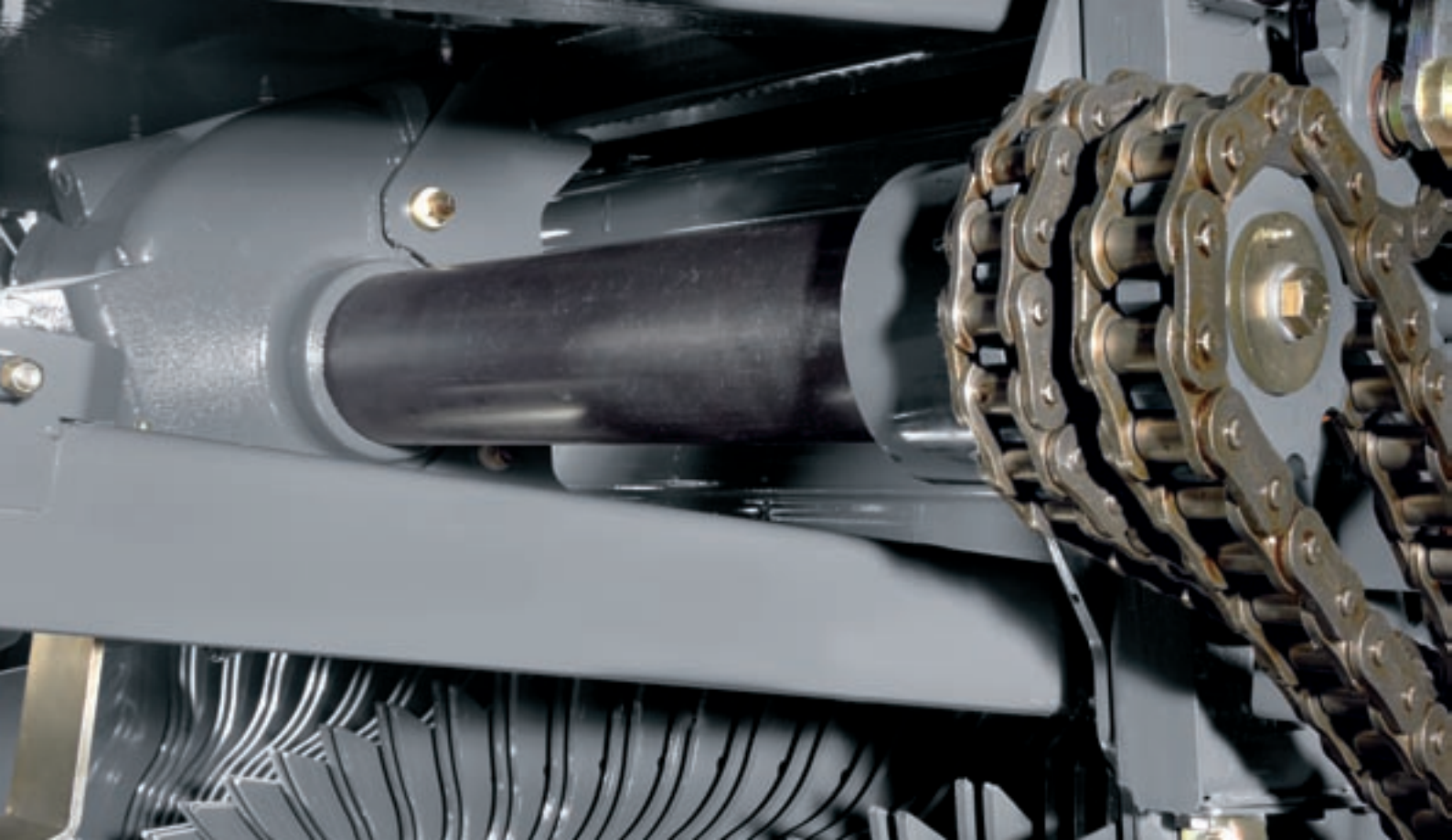
Sure protection against tine breakage.

The flexible spring-steel dual tines have been specially designed to cope with heavy forage. They are bolted firmly to the robust, U-shaped tine bars. The spring coils are supported on the loaded side in order to prevent breakage.



The spring steel tines on the pick-up are closely spaced and leave behind a thoroughly cleared field.

Pick-up



CLAAS silage balers are the pacesetters of grass harvesting. The trend in forage harvesting away from hay – with all its inherent weather risks – towards more efficient, round-bale silage, has been strongly influenced by innovations from CLAAS. When it comes to baling silage the key factors for success are high compaction, reliability, fine chopping quality and user-friendly features.

Within the CLAAS baler range, you'll find the ideal machine for every farm and every crop – from the entry-level ROLLANT 340 to the all-purpose VARIANT 385 RC.

Heavy duty from CLAAS.

Balers in the ROLLANT 400 and 300 range come equipped with the heavy-duty drive line. The main transmission, drive chains, cutting system and protection devices are designed for the toughest conditions and heaviest loads you'll ever encounter.

- Massive rotor manufactured from double-hardened 8.00-mm boron steel
- Four tine rows for optimum crop intake
- Low fuel consumption, thanks to dual tines arranged in a spiral configuration
- Heavy-duty drives for the toughest crop conditions
- Robust chassis takes extremely heavy bales in its stride
- Strengthened rollers with eight reinforcements welded to the roller casing and generously dimensioned shaft stub

All these heavy-duty components ensure high reliability and a long service life, regardless of how much you expect of your new ROLLANT in everyday operation.

Innovation, performance and reliability.



Heavy-duty concept

Short cut for optimal forage quality.



ROTO CUT for perfect chopping quality.

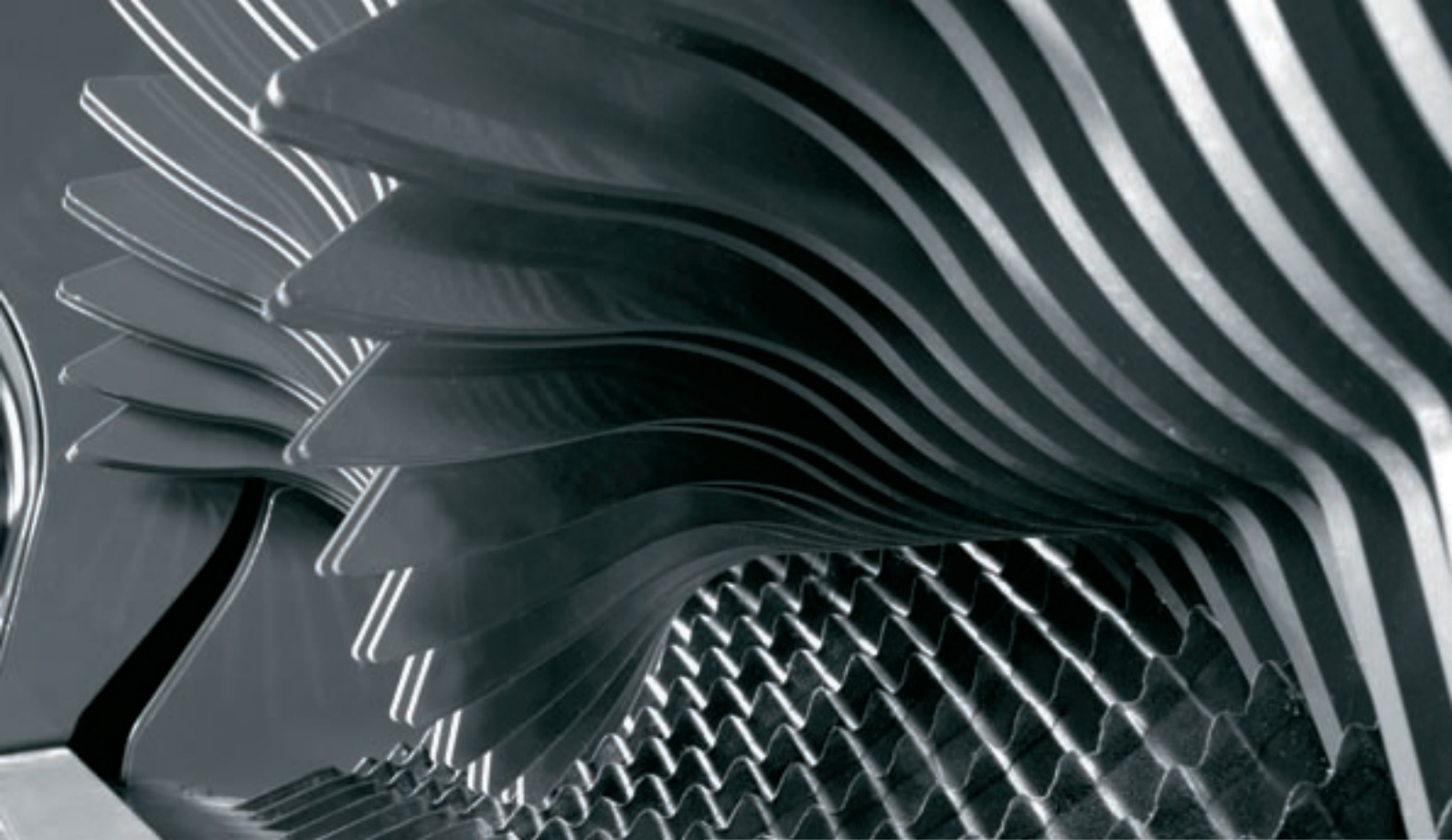
Energy-rich, tasty silage with optimum lactic acid fermentation is the order of the day for high milk production in the dairy herd. Three things are needed for this: short fodder, high compaction and the exclusion of oxygen.

As many blades as required.

The chopping rotor works precisely, quickly and effectively, with helical double tines for a consistently good feed quality. Because the crop is cut short and precisely into small lengths, it can be compacted more densely and later broken up much more easily.

The blade group changing function, which is particularly easy to operate, provides the correct setting for every operation. Select the number of blades from the comfort of the cab.





- Massive cutting rotor made of double-hardened boron steel
- Four spirally arranged tine rows for optimal crop intake
- Precise knife guidance through the spirally arranged dual tines
- Aggressive blades for especially high cutting quality – optionally with tungsten carbide coating
- Individual blade protection



The individual blade guards protect the knives from damage, increasing the service life and preserving a consistent chop quality.

ROTO CUT



Top-quality silage is the hallmark of the CLAAS ROTO CUT system. Properly chopped silage can be packed more densely in the bale, creating the ideal conditions for lactic acid fermentation.

As many blades as required – 400 range ROTO CUT with 25 blades.

The 25-blade chopping rotor works precisely, quickly and effectively, with helical double tines for consistently good feed quality. Because the crop is cut short and precisely into small lengths, it can be compacted more densely and later broken up much more easily. CLAAS ROTO CUT delivers chop lengths of 44 mm with an outstanding cutting quality. The high speed enables more than 13,000 cuts per minute.

The hydraulic blade group changing function, which is particularly easy to operate, provides the correct setting for every operation. Choose from 0, 12, 13 or 25 blades from the comfort of the cab.

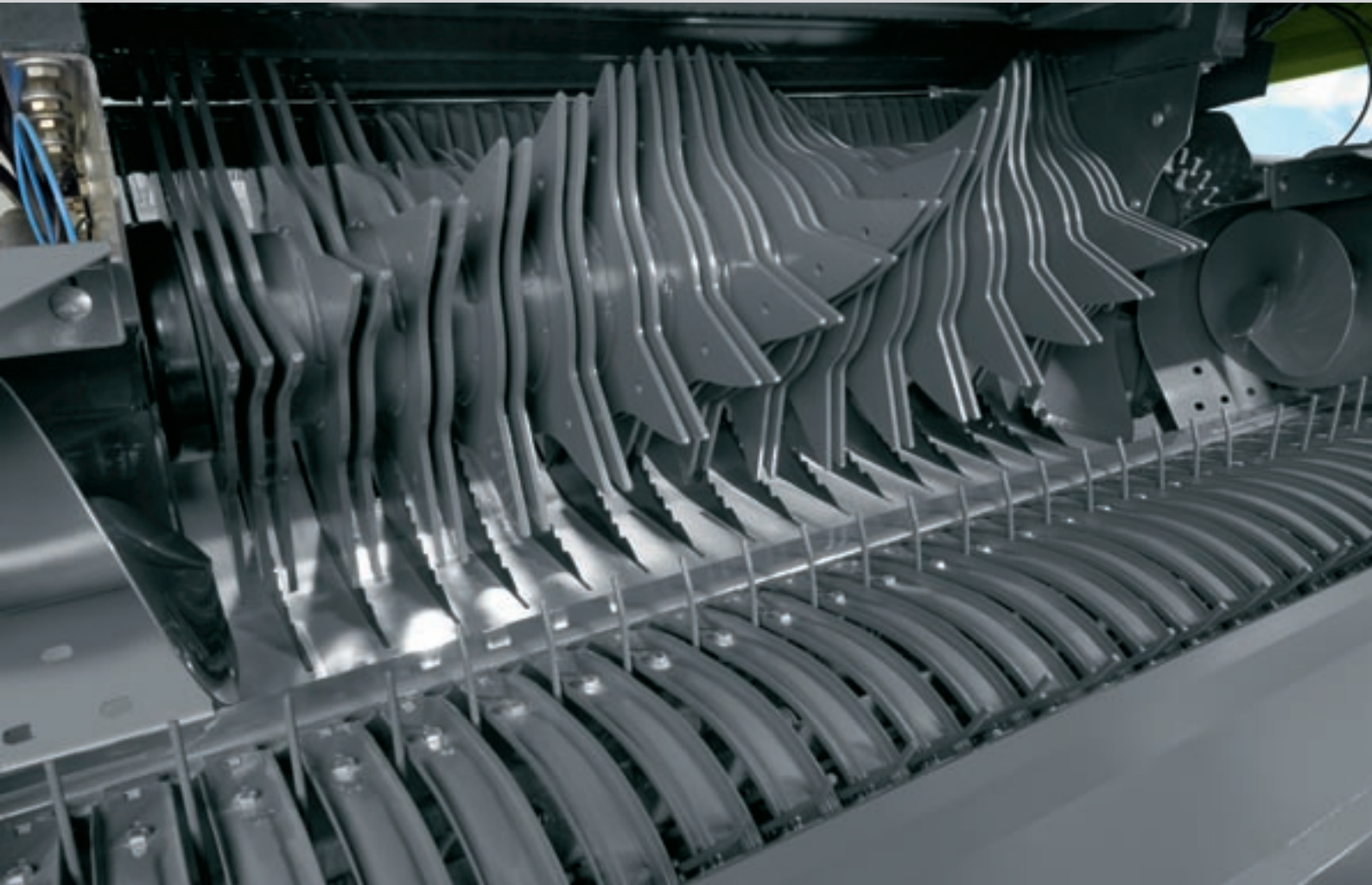
Proven in the field – 300 range ROTO CUT with 16 knives.

The 16-blade chopping rotor is geared for maximum throughput. The crop is fed accurately over the knife bed by the helical rotor blades, reaching a cutting frequency of over 8,000 chops per minute. The double-tempered steel blades are highly aggressive and offer a greatly extended service life. You can choose between 0 and 16 blades as required via the control panel. The CLAAS stripper design keeps the areas between and inside the dual tine blades clean and thus ensures maximum operating reliability in all grass-harvesting conditions.

More operating reliability.
Cuts, transports and cleans – the original CLAAS stripper ensures baling without interruptions.



The right cut.



ROTO CUT

NEW

ROLLANT 455 / 454 / 375 RC UNIWRAP / 375 RC COMFORT

ROLLANT PRO –
just sit back and relax.





New and exclusive to CLAAS: the cab-operated, hydraulic forward-dropping floor. This makes annoying blockages a thing of the past.

Uneven swaths are easily passed through the flexible floor. It opens automatically and adapts to the crop volumes, preventing blockages. This ensures premium cutting quality at all times.

Control via an alarm and visual signal on the CLAAS COMMUNICATOR enables optimal compaction without the ROLLANT ever coming to a standstill as a result of blockages, effectively eliminating costly downtime. And if blockages do occur, you can simply remain seated. A press of a button on the CLAAS COMMUNICATOR releases the pressure from the blades and the floor opens up to the front. The rotor pushes the blockage further along into the bale chamber at full force. The floor then closes again and the blades automatically swivel back in.



ROLLANT PRO
Hydraulically extendable floor



With hydraulically lowerable floor.

The ROLLANT 300 range with CMT can also be equipped with a lowerable floor via two hydraulic cylinders.

Any blockages can be cleared conveniently from the comfort of the cab via the CLAAS MEDIUM TERMINAL II.

The hydraulically lowerable floor can be opened to the front by activating the ancillary dual-acting spool valve. The rotor forces the blockage directly into the baling chamber. Now just close the floor and you're back in action.

On machines with a chopping rotor, pressure is released from the blades at the push of a button, before the lowerable floor is opened. The blades automatically swing back in upon closing.

NEW

ROLLANT 375 RC / 374 RC / 374

ROLLANT PRO with CMT II.

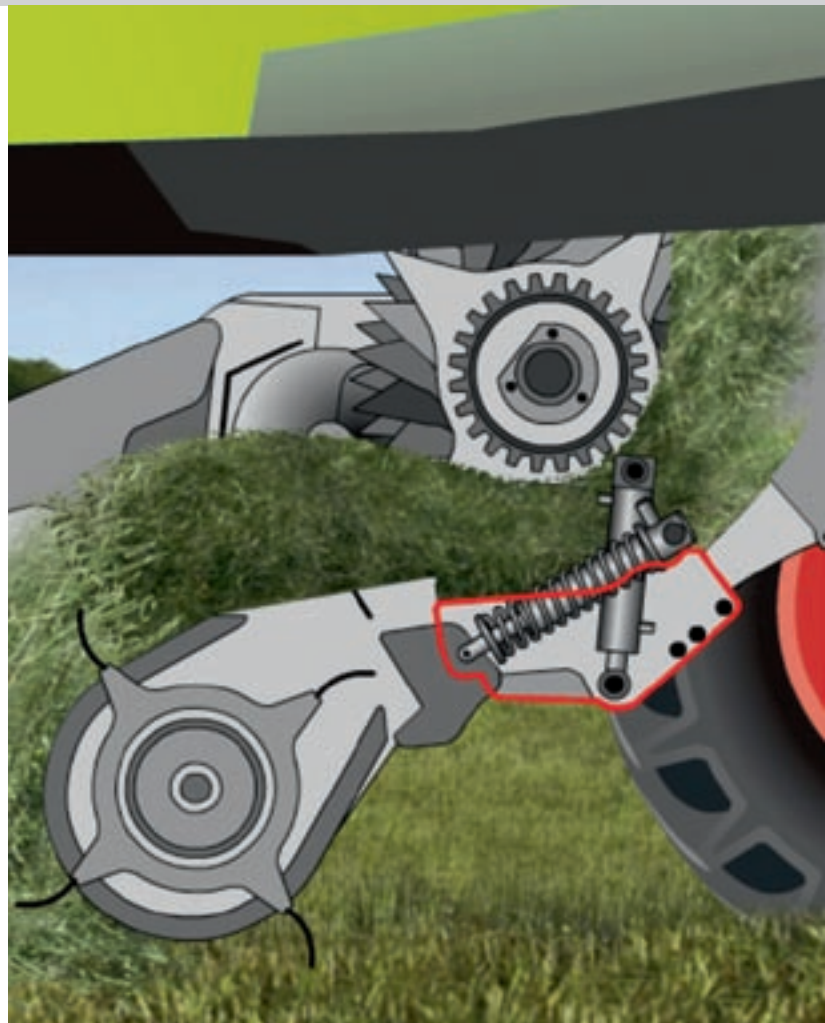
Unique – the early warning system.

The baling process generally needs to be fast, and high daily outputs are a must. Drivers need "intelligent" systems as well, providing them with invaluable support.

The lowerable PRO floor actively adapts to the crop flow. Automatic lowering by up to 30 mm enables uneven swaths to be continuously drawn in by the rotor, with no loss of excellent chop quality.

The "evasive" movement of the ground is indicated on the control terminal as visual and acoustic signals via a sensor.

This enables the driver to push the baler to its limits and avoid unnecessary downtime resulting from blockages.



ROLLANT PRO
Hydraulically extendable floor

The core component – the bale chamber.



Rugged design for maximum reliability.

Compacting rich silage places particular demands on technology. The forage must quickly be shaped into highly compact bales in the shortest possible time.

A total of 16 extra-strength, freewheeling steel rollers with profiled surfaces speed up the crop flow and compress the harvested crop into firm, stable round bales, even in wet conditions. Eight reinforcing plates flat-welded onto the roller sleeve inside the rollers provide them with the robustness needed for tightly compacted bales. All bearings and drive shafts have been adapted to cope with the high drive power and throughput rate.

The tailgate locking mechanism via the hydraulic cylinder in the 400 range enables the tailgate to adjust 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 procedure is not decelerated or inhibited in any way, facilitating bale diameters of 1.25 to 1.35 metres.



Bale chamber

Rock-hard and simply perfect – the MPS bale.



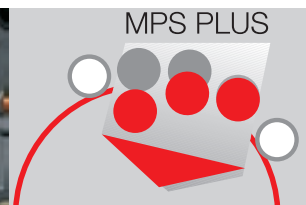
MAXIMUM PRESSURE SYSTEM – MPS.

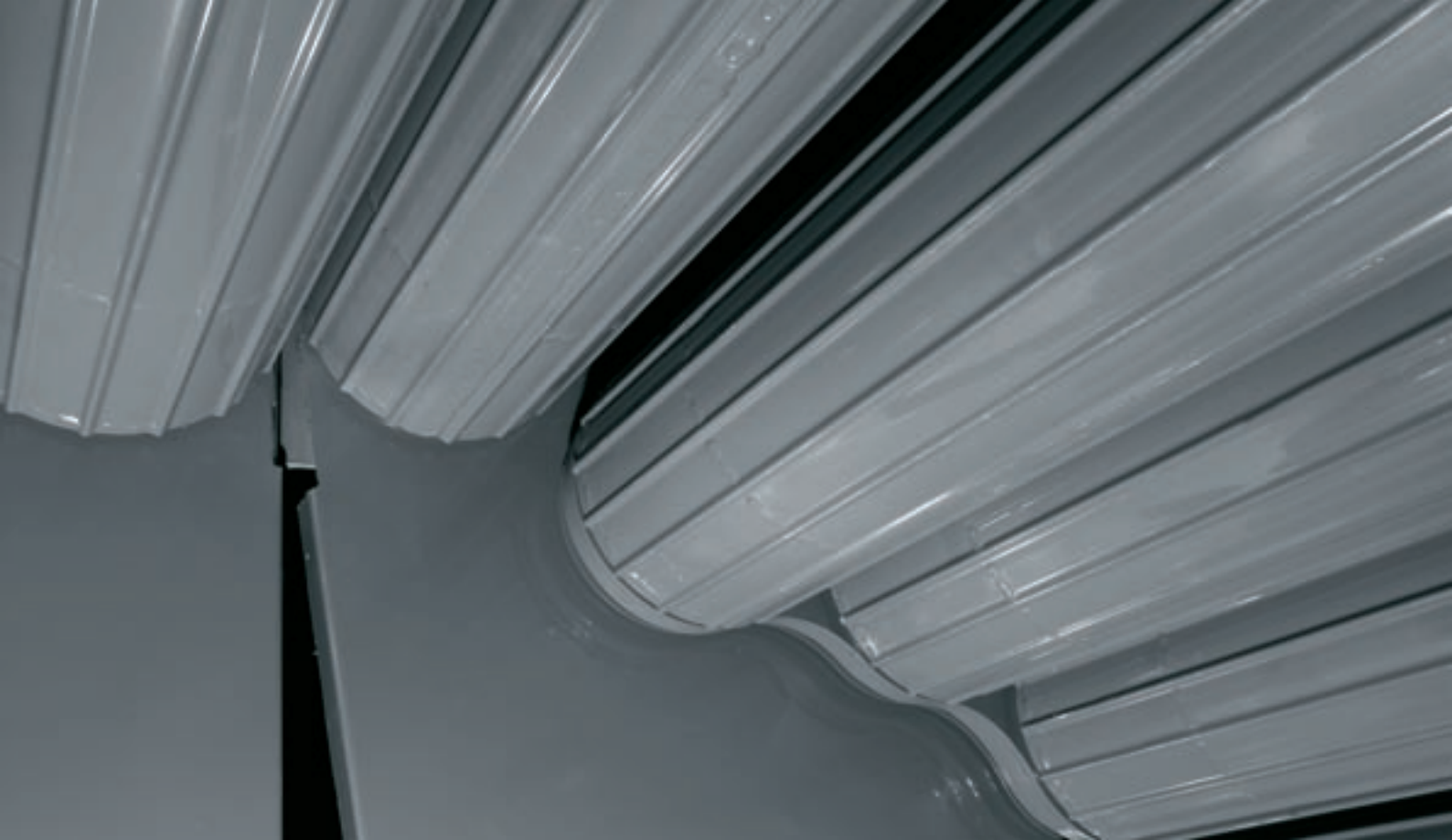
This swivel-mounted three-roller segment in the ROLLANT tailgate provides the additional pressure. The steel-roller baling chamber with the unique MPS guarantees rock-hard bales and high core compaction. At the start of every bale, the three MPS rollers extend into the baling chamber. As the chamber fills up, the rollers are pressed upwards into their final position as the bale expands. The smaller initial chamber size starts the bale turning much sooner, compressing the bale from the core outwards.

MPS PLUS – the hydraulic generation of the 400 range.

The baling pressure can be selected from the cab via the CLAAS COMMUNICATOR, depending on the crop moisture. With baling pressure freely configurable from 60 to 100% of maximum delivery, the ROLLANT with MPS PLUS delivers perfectly compacted bales. With MPS PLUS, highly compacted bales can be produced for optimal storability, even at high vehicle speeds.

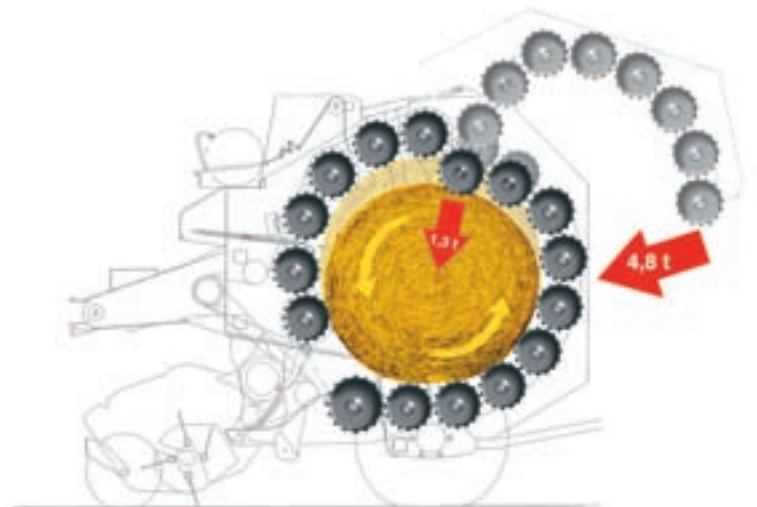
MPS PLUS – hydraulic compaction.
Convenient pressure adjustment from 60 and 100% of maximum delivery for a highly compacted core.





MPS II – proven mechanics for heavyweight bales in the 300 range.

The bow-shaped profile of the roller housing in the bale chamber of 300 range machines helps the bales rotate inside the baling chamber at a higher speed and with a minimum of effort. This translates into a higher bale density with less tractor power compared with MPS I, and an even better finished product with perfectly round, highly compacted and optimally storable bales.



MPS II – with pressures up to 1.3 tonnes for a highly compacted bale core and a powerful 20% increase on MPS I in closing pressure to 4.8 tonnes for bale compaction, the ROLLANT delivers perfectly compacted bales.

MPS PLUS
MPS II



Net-wrapping system:
the results speak for themselves.

Forming and wrapping super-tight, well-compacted and easy-to-store bales demands a fully functional net-wrapping system that is simple to use. The new, convenient net-wrapping system from CLAAS is operated via the CLAAS COMMUNICATOR from the comfort of the cab. Following the automatic tying start, the net wrap is guided around the bale at a specific tension. To maintain an optimal degree of tension, depending on the weather, net-wrap quality or quantity of net wrap remaining on the roll, you can actively intervene in the wrapping process using the CLAAS COMMUNICATOR.

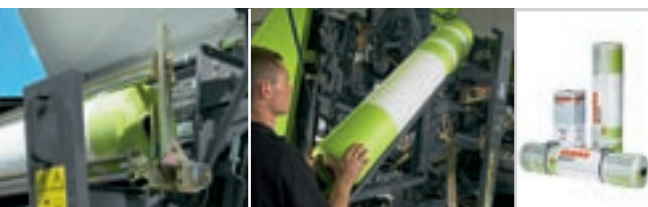
The result: perfect bale-edge coverage for each bale size and ideal bale stability.

The net brake.

An electromagnetic brake on the first rubber roller in the ROLLANT 455 / 454 stops the net wrap from unrolling and thus creates the ideal net-wrap tension.

Exclusive to CLAAS:
automatic tailgate opening.

As soon as the bale wrapping procedure is complete, the tailgate is opened automatically and the bale is quickly ejected. This function can also be deactivated if necessary – nothing could be faster or more convenient.



Using CLAAS ORIGINAL ROLLATEX PRO net ensures top-quality wrapping with maximum operating reliability and optimum edge coverage.

Bale, bind, finished.

Automatic tying:
top-quality bales deserve nothing less.

Twine or net – ROLLANT gives you the choice. The ROLLATEX net wrapping system saves precious time as the process is fully automated and takes only a matter of seconds. The fully adjustable net guidance system allows the net to be applied tightly along the entire width of the bale, and firmly binds the edges as well.

Variable number of wraps.

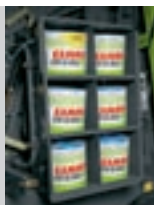
You can match the number of wraps to any crop via the control panel directly from the cab – meeting your customers' wishes every time.

The tried-and-tested alternative.

Many farms use twine in the bale-binding process with a 300 range ROLLANT. As a binding material, twine remains more cost-effective than net.



Up to 12 rolls of twine can be stored on the ROLLANT – enough wrapping material for a long, successful working day.



Convenient net-wrapping
Automatic tying

CLAAS UNIWRAP – the time-saver.





Save time.

Time is always at a premium in grass harvesting, especially when contracting. The UNIWRAP combination saves a lot of time and money by eliminating the need for a second tractor and driver for a separate wrapper, while also making it easier to plan the job schedule.

Baling is done during the wrapping operation.

The big advantage of the UNIWRAP is its simultaneous baling and wrapping capability. One driver carries out two jobs simultaneously and needs only to concentrate on the baling function while driving.

The CLAAS high-performance wrapper unit of the ROLLANT 400 range covers the bale with six layers of stretch film in just 23 seconds, and in the 300 range in just 35 seconds. Only four layers of film are required for dry silage, with bales being wrapped in a speedy 17 seconds in the 400 range and in 25 seconds in the 300 range. After this very brief wrapping cycle, the wrapping table is lowered while the baler is on the move, and the bale is dropped gently onto the field. On sloping terrain, the bale can be dropped where it is safe while the next bale is being made.

Efficient bale transfer.

The UNIWRAP baler/wrapper combination is a compact unit allowing for the rapid and reliable transfer of the bale. The bale transfer takes just 12 or 15 seconds, respectively, from the moment the tailgate opens until it closes again. The bale rolls onto the articulating transfer platform without touching the ground. Laterally mounted plates centre the bale accurately at this stage, even on sloping fields. The transfer platform then raises the bale safely onto the wrapping table, which is tilted towards the baling chamber, and it is guided along by four large rollers.

As fast as they come.





With the market launch of the ROLLANT 455/454 range, CLAAS is introducing a round baler unrivalled in performance and which has everything you need to make your day-to-day operations more productive and more effective than ever before. Its performance and convenience are exemplary.

ROLLANT 455 RC UNIWRAP
ROLLANT 454 RC UNIWRAP
ROLLANT 455 RC
ROLLANT 454 RC

Perfectly compacted and well-wrapped bales.



ROLLANT 455 RC UNIWRAP twin pack.

Agricultural contractors Kausemann from Wipperfürth work in the Bergisches Land region of North Rhine-Westphalia, an intensively farmed major grassland region in Germany with a high dairy herd output. In this region, bale silage plays an important role. Accordingly, the company currently makes up to 10,000 bales annually, with the boss and employees firmly fixed on quality: "Highly compact and well-chopped bales are the benchmark by which we gauge our work."

Owing to increasing demand, Friedel Kausemann has been using two wrapper combinations over the last five years. A ROLLANT 455 RC UNIWRAP has also been in use since 2009, making around 9,000 bales in two years.

"In comparison with the ROLLANT 355 RC UNIWRAP, the machine is noted for its significantly higher throughput rate and more compact bale characteristics. The 25-blade cutterbar with lowerable chopping floor produces a product of outstanding quality", reports operator Christopher Steinbach. With the help of the MPS PLUS segment, he is able to meet a range of customer requirements and operate effectively under the conditions these impose. The result: highly compact, shape-retaining bales – the ideal basis for excellent silage quality.



"We're not the cheapest when it comes to bale price, but our customers get the very best in bale quality and quantity – in other words, our silage-weight ratio is very favourable", Kausemann stresses. As a businessman, he is very taken with the 455 RC UNIWRAP concept: "For me, the cost per bale is a key consideration, and in this respect the 455 has proven its worth, which is why we've chosen to replace our current wrapper combination of another manufacturer with a second ROLLANT 455 RC UNIWRAP for the 2011 season."

The ROLLANT 455 RC UNIWRAP also offers many benefits for the operator, including, for instance, in Christopher Steinbach's estimation, the "intelligent cutting floor", which enables the driver to operate the machine at its limits. Additionally: "The early warning system tells us whether or not the speed can be increased. The wide pick-up with castor guide wheels picks up the crop reliably in all conditions and even at high speeds." The bale fill level indicator indicates when the bale is finished, which means it is possible to seek out a suitable place to deposit the bale early on – a major benefit, particularly in sloped terrain.

The two Kausemann machines are therefore also equipped with a bale ejector guide. "Over extremely hilly terrain, dependable bale transfer is essential. This is beneficial for all processes", states Friedel Kausemann.

Kausemann also speaks favourably of the machine's ease of use – regardless of whether its knife group changing, adjustable net brake or bale size adjustment. "The COMMUNICATOR facilitates intuitive operation, which means our relief drivers, too, can quickly get to grips with using the machine." The 455 RC UNIWRAP is also little trouble when it comes to servicing. "All maintenance points are easily accessible", says Steinbach. The hydraulically folding film storage boxes complete the package. "With twelve film rolls, we can operate for extended periods without resupplying."

Operators and contractors agree: the ROLLANT 455 RC UNIWRAP is a machine for the professionals, and it is for exactly this reason that Kausemann plans to use two of them on his farm in future.



A solid basis.

- The ROTO CUT system with its high intake capacity is designed for maximum performance.
- Change blade groups from the cab to 0, 12, 13 or 25. Individually protected blades for perfect cutting quality.
- Extendable floor allows the machine to be pushed to its limits every time.
- The hydraulic MPS PLUS ensures optimum bale density for the best silage quality.
- 1,000-rpm transmission speed for heavy-duty operations.
- Convenient net binding with active net brake.
- Large-volume tyres protect the ground and grass cover.
- The high-performance wrapper wraps the bales with 67% pre-stretching, or optionally with 82% pre-stretching.
- The CLAAS COMMUNICATOR makes the rapid setting of key parameters a simple matter of pressing a few buttons.

Fully equipped with all-round operational reliability.

Balers in the ROLLANT 455 and 454 ranges come equipped with new heavy-duty drive components. The main transmission, drive chains, cutting system and protection devices are designed for the toughest conditions and heaviest loads you'll ever encounter.

- Powerful rotor with four closely coiled tine rows made of boron steel for optimal crop intake
- Heavy-duty drives for the toughest crop conditions
- Heavy-duty main drive with 1,000 rpm and 25% more power for greater throughput rates
- Heavy-duty long-life chains (1 1/2" and 1 1/4")
- Heavy-duty cutterbar with 25 double-tempered steel blades and individual blade guards

All heavy-duty components have been developed for high reliability and long service life, regardless of how much you expect of your new ROLLANT in everyday operation.

High bale density. Maximum throughput. Greater productivity.

The right amount of pressure.

Even at low pressure, the large hydraulic cylinders are able to achieve a high bale density, thus preventing the hydraulic system from becoming damaged and minimising mechanical wear.

New central lubrication unit.

Three central grease distributors keep the roller bearings constantly lubricated. This function can also be carried out by the optional central lubrication unit.

Since the rotor does most of the work, CLAAS naturally ensures that its bearings are kept constantly lubricated.

Electric central lubrication is also optionally available, with lubrication intervals configurable via the CLAAS COMMUNICATOR.



Continuous chain lubrication ensures reliable, non-stop operation.

Benefits
Heavy-duty drive line
Lubrication

Faster wrapping than ever before.

Perfectly stretch-wrapped.

With two 750-mm wrapping arms, the UNIWRAP tightly wraps six layers of film around the bale in just 23 seconds. The wrapper is thus always ready for the next delivery from the baler. This means the ROLLANT can be driven at full speed, despite the wrapper.

The film is pre-stretched by 67% and then wrapped around the bale at this tension for optimal, airtight results. The film can also be pre-stretched by 82% to cut down on film consumption. This reduces handling costs and extends the range of your film stocks.

Back-up wrapping function.

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.

Totally suited to hillside operations.

The bale is rotated very smoothly on the wrapping table while two wrapping arms, powered by the new high-speed wrapper-arm drive, rapidly revolve around the bale.

The high guide plates and the guide rollers ensure that the bales remain securely positioned on the wrapping table.

- Optimal bale guidance, even when working on slopes
- Even, reliable film application

The professional wrapping table with the lateral support rollers and the large rear guide roller enable unrestricted use on any terrain.

Optional: hillside fittings with additional guide roller and tapered supports for reliable bale guidance from above.



CLAAS Stretch Film PRO: the silage film specially designed for round bales with 2,000-metre rolls – ideal for long working days.





Bale twister.

With the bale twister, the wrapped bales can be placed on their ends. This is to minimise the damage from hard stubble, since the top and bottom faces 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.

CMT – the wrapper control terminal.

Using the CMT II attached to the wrapper, you can program the wrapper for specific conditions before use. When carrying out maintenance, such as changing a roll of film, you can manually activate the wrapping and film cutting functions on the spot. What's more, the wrapper control unit is used to select the number of layers of stretch film or mode. The baling and wrapping mode can be altered to baling only.

Each of the two wrapping arms is equipped with a sensor to monitor correct operation. If the film tears, the wrapping speed is reduced automatically and the driver is alerted.



ROLLANT 455 RC UNIWRAP
ROLLANT 454 RC UNIWRAP



The CLAAS COMMUNICATOR.

The CLAAS COMMUNICATOR, with its large, clearly laid-out display and ISOBUS technology, greatly simplifies working with the ROLLANT.

You're kept clearly in the picture regarding your machine's operational status. What's more, you can quickly and easily change key configuration parameters. A touch of the button is all it takes to access five menus with which, for example, you can:

- Determine the MPS baling and closing pressure
- Control the knife group selection
- Open and close the extendable floor
- Open and close the tailgate
- Review the bale status (bale fill level indicator)

There are 20 job memories available for professional job data collection, with which you can record the bale count, percentage of chopped bales, working hours and amount of net used for each customer. This gives you all the information you need for accurate invoicing.

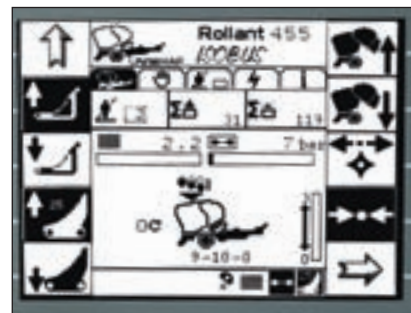
Every ROLLANT can be controlled via the ISOBUS module, with the advantage that it can be operated from any ISOBUS-compatible terminal.



Nothing to distract you from your work.

Task menu:

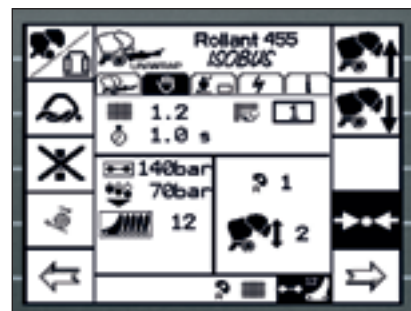
This display lets you monitor all the machine functions. Speed indicator, bale fill level indicator, bale size indicator, bale status display, lowerable floor control.



Settings menu:

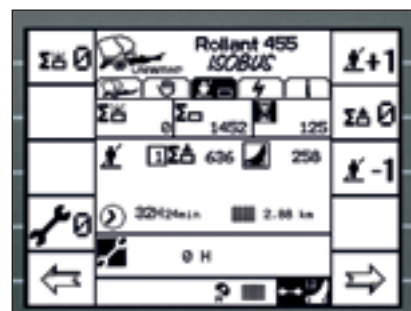
Configuration of the extent of net wrapping as well as automatic configuration of knife cleaning, tying and electromagnetic net brake, MPS pressure, net volume, readjustment of the hydraulic baling pressure.

Exclusive to CLAAS: automatic tailgate opening and configuration.



Operating menu:

20 work record memories record the name of the customer and work results, e.g. number of bales, hours worked, number of bales produced with ROTO CUT.



The best-selling baler.





The ROLLANT 300 range balers are the prime choice for cost-effective silage, hay and straw baling – their reliability is legendary. The bales are dense, well shaped and firmly wrapped or tied for ease of transport and storage.

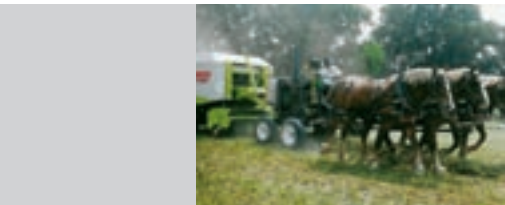
ROLLANT 375 RC COMFORT
ROLLANT 375 RC UNIWRAP
ROLLANT 375 RC
ROLLANT 374 RC / 374 RF



Various countries, one baler – the ROLLANT is the best-selling silage baler in the world.

The ROLLANT 375 range machines are specially equipped for professional heavy-duty silage applications. The ROLLANT 375 RC is also the base model for combination with UNIWRAP. The UNIWRAP concept combines baling and wrapping in one machine, operated by a single driver from a single tractor.

The ROLLANT 374 is your entry ticket to professional baling. The heavy-duty design so successful on the ROLLANT 375, but without MPS, makes the 374 ideal for silage harvesting.



The right bale density for different crops is set independently by adjusting the hand wheel.



Heavy-duty specs for professional operations.



The right amount of pressure.

Even at low pressure, the large hydraulic cylinders are able to achieve a high bale density, thus preventing the hydraulic system from becoming damaged and minimising mechanical wear.

New central lubrication unit.

Three central grease distributors keep the roller bearings constantly lubricated. This function can also be carried out by the optional central lubrication unit. Since the rotor does most of the work, CLAAS naturally ensures that its bearings, too, are kept constantly lubricated. The lubrication intervals of the optional electric central lubrication of the ROLLANT 375 RC COMFORT and 375 RC UNIWRAP can be configured via the CLAAS COMMUNICATOR.



For the toughest conditions.

Heavy-duty drive components and tried-and-tested long-life chains are standard issue to ensure trouble-free operational reliability in the long term.

Automatic chain lubrication.
The 3.0-litre lubricator supplies enough oil for even the longest of working days.



In operation
Heavy-duty drive line

Redefining ease of handling.

CLAAS MEDIUM TERMINAL II.

Changes of driver and changing harvesting conditions are often the norm during harvesting periods. The CMT II is intuitive to use, meaning just about anyone can start using the baler quickly and efficiently.

With the CLAAS MEDIUM TERMINAL II (CMT II), you can configure all of the main functions even prior to use. Select the type of tying – net wrap or twine – and set the automatic tying start function to suit your requirements. You also have the option of initiating the tying operation manually when you need to pick up the end of the swath. Meanwhile, the CMT lets you control, with a very high level of precision, all the operations taking place behind the tractor during the baling and tying processes. The terminal also provides you with exact information on the number of bales made per day, the total number of bales and the aggregate time in hours.



Baling at any time of day. With the optional spotlight, even working in the dark is no problem.

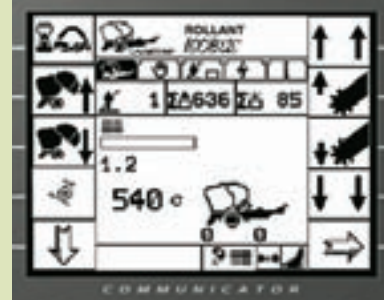


The CLAAS COMMUNICATOR.

The premium ROLLANT 375 RC COMFORT and 375 RC UNIWRAP models are equipped with the CLAAS COMMUNICATOR terminal. With its large display, the clearly laid-out terminal keeps you constantly informed about the machine's operational status. What's more, you can access any of the five menus at any time and change the main set-up parameters very quickly with just one hand. Functions include wrapping, open tailgate, bale ejection, tailgate closing – the CLAAS COMMUNICATOR can manage all these processes and more.

Task menu:

Monitoring of all machine functions. Raising and lowering of the pick-up, control of lowerable floor in PRO machines, bale status indicator, speed indicator.



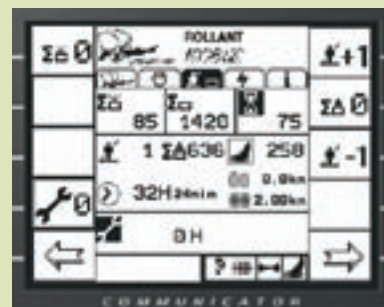
Setting menu:

Setting the number of the turns for net and twine as well as the automatic setup of knife cleaning, automatic tailgate opening, tying and readjustment of the hydraulic baling pressure.



Operating menu:

20 job lists contain information about results, e.g. number of bales, hours worked, number of bales produced with ROTO CUT, as well as the amount of netting or twine used.



Another added convenience feature is the optional camera for wrapper combination available through our Parts Service. This enables the driver to monitor the wrapping process from the comfort of the tractor cab.

CLAAS MEDIUM TERMINAL II
CLAAS COMMUNICATOR



Perfectly stretch-wrapped.

As an option, the film is now prestretched with 82% overlap, reducing film costs by up to 15%. The adhesive effect is used to its full advantage to ensure the bale is airtight. This also increases the effective supply of film and reduces handling costs.

Unbeatable wrapping performance.

CLAAS has designed the UNIWRAP with dual 750-mm wrapping arms. This enables a bale to be stretch-wrapped with six layers of stretch film and a 52% overlap in just 35 seconds. This high speed means that the wrapper always finishes its job before the next bale is ready. The ROLLANT can continue at full speed despite the wrapping process.

All-terrain.

The bale is rotated gently on the wrapping table while the two wrapping arms rapidly encircle the bale. This means that the bale is kept steady when crossing slopes and the film is applied evenly and securely over the entire bale. With four lateral guide rollers and a large guide roller at the rear,

Back-up wrapping function.

If either of the two rolls of film runs out before the wrapping cycle is complete, the unfinished bale is carefully finish-wrapped at half speed using the other film roll.

Unbeatable wrapping performance.

the wrapping table is designed for high-performance operation with unrestricted function in any terrain.

Baling without wrapping.

The UNIWRAP is quickly transformed into a bale accumulator.

Comprehensive monitoring.

Each of the two tensioning arms is equipped with a sensor to monitor correct operation. The driver receives warning of any tears in the film.

The wrapper control terminal.

The number of layers of stretch film, manual control or mode selection are all set by the wrapper control unit. The "baling and wrapping" mode can also be altered to "baling only".



The high guide plates and the guide rollers ensure that the bales remain securely positioned on the wrapping table even when working on slopes.

UNIWRAP

Maximum convenience, minimum maintenance.

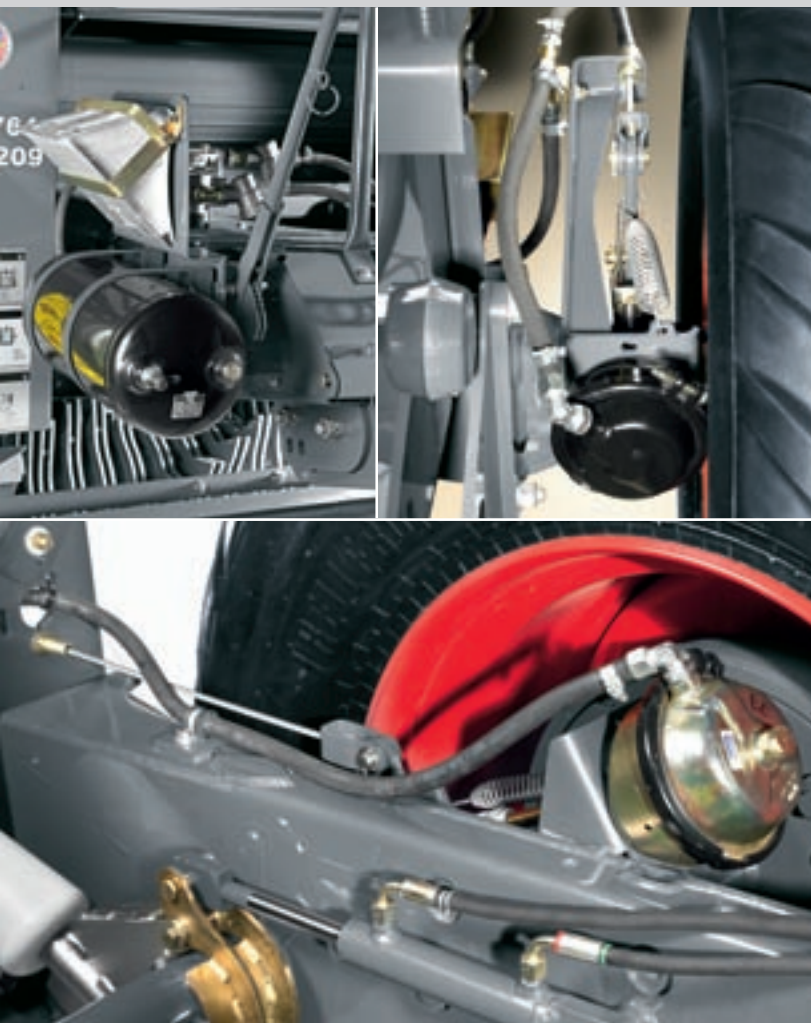




In addition to its speed and impressive throughput, the new ROLLANT excels with a minimum of maintenance and maximum operational reliability. Simply drive off and you can tackle any number of bales.

Brakes
Tyres
Maintenance
Service

Guaranteed faster.



Road safety is a priority.

For those who need to cover long stretches of road between fields, use smaller tractors over hilly terrain, or simply want to take advantage of their tractor's top speed, the ROLLANT can be equipped with different braking systems. The final choice depends on the local regulations.

- Pneumatic brakes.
- Hydraulic brakes.
- Hydroactive brakes (ROLLANT 455/454).

The permissible road speed for 400 range balers is 50 km/h, and for 300 range balers 40 km/h.

The easy-to-operate parking brake is included in all braking systems.





Wide is good.

Three different sizes of large tyre are available for minimal ground pressure, the greatest possible degree of turf protection and smooth running. These enable you to maintain a maximum contact area and keep the vehicle firmly on the ground even on delicate terrain or in wet conditions, but without getting dug in when pulling hard.

CLAAS supplies a range of tyres with large footprint for the ROLLANT with UNIWRAP wrapper unit. These minimise damaging ground compaction even on very soft or wet ground. When used in conjunction with the tried-and-tested single axle, the valuable grass cover can be protected even when following tight curves.

ROLLANT 375 RC COMFORT / 375 RC / 374 RC / 374 RF



15.0/55-17 10 PR 19.0/45-17 10 PR 500/45-22.5 12 PR

ROLLANT 455 RC / 454 RC



15.0/55-17 10 PR 19.0/45-17 10 PR 560/45-22.5 16 PR

ROLLANT 375 RC UNIWRAP
560/45-22.5 8 PR

ROLLANT 455 RC UNIWRAP / 454 RC UNIWRAP
550/60-22.5
620/55 R 26.5



Brakes
Tyres



Save time with a self-lubricating machine.

The long service life and reliability of our balers is legendary. In the new ROLLANT, everything is designed to be easy to maintain or require no maintenance at all.

- Drives and overload clutches operate in an oil bath.
- 6.0-litre oil supply in 400 range and 3.0-litre supply in the 300 range for automatic chain lubrication over long working days.
- Continuous supply of grease to the bale roller bearings via three central grease distributors – central lubrication unit optional.

Stretch film supply.

There are large storage compartments located to the left and right, behind the tightly shut side panels. In the 400 range, each compartment can accommodate six rolls of film, and in the 300 range five rolls, giving you 20% more film on board than before.

The two film compartments can be opened hydraulically at the touch of a button – each side independently. This makes life much easier for you when it comes to loading and unloading the UNIWRAP with new rolls of film.

Back-up netting.

You always have a back-up roll for when the current roll of netting has run out. The baler can be loaded conveniently via the side net ramps.



It makes sense to be familiar with this baler inside and out – especially when evening comes.

When you give your best every day, you deserve the best service.

You can rely on the professional and reliable support of the FIRST CLAAS SERVICE® team at all times. Worldwide, CLAAS importers and dealers provide fast spare parts supply and round-the-clock customer service in the harvest.

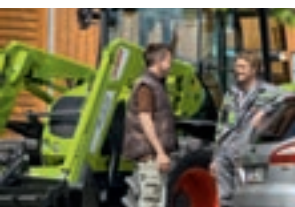
We are there for you, wherever you are.

You can always rely on us to provide you with the necessary spare parts – ORIGINAL CLAAS parts, characterised by top quality, superb function and a long service life.

Our central spare parts warehouse delivers all ORIGINAL CLAAS parts quickly and reliably all over the world. Your local CLAAS dealer is there to make sure that they reach their destination as soon as possible – wherever you may be.

We speak the same language.

CLAAS dealers include some of the world's most efficient agricultural machinery companies. They are highly trained, equipped with specialist tools and have intimate knowledge of how farmers and contractors work. They understand your expectations and can meet your requirements when it comes to professional support and reliability.



Maintenance
FIRST CLAAS SERVICE®

ROLLANT 455 RC UNIWRAP / 454 RC UNIWRAP ROLLANT 455 RC / 454 RC

New, reinforced compaction rollers

Large-sized, long-life chains

ISOBUS control and monitoring
via CLAAS COMMUNICATOR

Steel-roller rolling
chamber with hydraulic
MPS PLUS compaction
system

Wrapping process accelerated by over 30%; just
23 seconds for six layers of film

12 seconds for bale transfer (from
opening to closing the tailgate)

High-speed wrapping-arm
drive up to 36 rpm

2.10-m pick-up

Secure transfer of bale by tilting the wrapping
table towards the bale chamber

ROLLANT PRO with
lowerable floor

67% or 82% pre-stretching for airtight bale wrapping and
reduced film consumption

Large tyres
550/60-22.5 or
620/55-26.5 optional

Left and right guides for slope compatibility



ROLLANT 375 RC UNIWRAP / ROLLANT 375 RC / 374 RC / 374 RF



ROLLANT

	375 RC UNIWRAP	375 RC	374 RC	374 RF
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	○	○	○	○
Ground tracking via two oscillating pick-up castor guide wheels	●	●	●	●
Hydraulic connection				
One-way spool valve for pick-up lift and dual-acting spool valve for tailgate cylinders	–	●	●	●
Single-acting spool valve and open return line	●	–	–	–
Crop feed				
Rotor	ROTO CUT	ROTO CUT	ROTO CUT	Heavy Duty ROTO FEED
Number of knives	16	16	16	–
Lowerable PRO cutting floor	●	●	●	●
Bale chamber				
Number of compaction rollers	16	16	16	16
Automatic chain lubrication	●	●	●	●
Manual central lubrication for baler bearings	●	●	●	●
Autolube for baler bearings	○	○	○	○
Electric central lubrication for baler bearings	○	–	–	–
Air brakes*	●	○	○	○
Hydraulic brakes*	●	○	○	○
Active hydraulic brake system*	●	○	○	○
Bale ejector	–	●	●	●
Bale chamber dimensions				
Width	m 1.20	1.20	1.20	1.20
Diameter	m 1.25	1.25	1.25	1.25
Control terminal				
CLAAS MEDIUM TERMINAL II (CMT II)	–	●	●	●
CLAAS COMMUNICATOR	●	–	–	–
Wrapper				
Film stretcher	mm 2 x 750	–	–	–
Film capacity	12 rolls	–	–	–
Overlap	% 52	–	–	–
Pre-stretching	% 67 (82 ○)	–	–	–
Tyres				
15.0/55-17 10 PR	–	●	●	●
19.0/45-17 10 PR	–	○	○	○
500/45-22.5 12 PR	–	○	○	○
560/45-22.5 8 PR	●	–	–	–
Overall dimensions				
Length	m 6.69	4.72	4.72	4.72
Width	m 2.98	2.33–2.77	2.33–2.77	2.33–2.77
Height	m 2.83	2.31	2.31	2.31

Additional equipment

ISOBUS connection cable, spotlights (ROLLANT 375 RC UNIWRAP), load sensing

● Standard ○ Optional – Unavailable * Subject to national regulation

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.

ROLLANT

		455 RC UNIWRAP	454 RC UNIWRAP	455 RC	454 RC
Hitching					
PTO shaft speed	rpm	1000	1000	1000	1000
Drive chains		Heavy duty	Heavy duty	Heavy duty	Heavy duty
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		●	●	●	●
Hydraulic connection					
2 x single-acting spool valve and open return line		●	●	●	●
Crop feed					
Heavy-duty cutting rotor		●	●	●	●
25 (0, 12, 13, 25) knives		●	●	●	●
Lowerable PRO cutting floor		●	●	●	●
Bale chamber					
Number of compaction rollers		16	16	16	16
MPS PLUS		●	–	●	–
Automatic chain lubrication		●	●	●	●
Manual central lubrication for baler bearings		●	●	●	○
Automatic central lubrication for baler bearings		○	○	○	○
Electric central lubrication for baler bearings		○	○	○	○
Air brakes*		●	○	○	○
Hydraulic brakes*		●	○	○	○
Active hydraulic brake system*		●	○	○	○
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
Control terminal					
CLAAS COMMUNICATOR		●	●	●	●
CLAAS MEDIUM TERMINAL II (wrapper)		●	●	–	–
Wrapping and tying					
Net wrapping		●	●	●	●
Wrapper					
Film stretcher	mm	2 x 750	2 x 750	–	–
Film capacity		14 rolls	14 rolls	–	–
Overlap	%	52	52	–	–
Pre-stretching	%	67 (82 ○)	67 (82 ○)	–	–
Tyres					
15.0/55-17 10 PR		–	–	●	●
19.0/45-17 10 PR		–	–	○	○
550/60-22.5		●	●	–	–
560/45-22.5 16 PR		–	–	○	○
620/55 R 26.5		○	○	–	–
Overall dimensions					
Length	mm	6990	6990	4250	4250
Width	mm	2955	2955	2955	2955
Height	mm	3250	3250	3250	3250

ROLLANT 455 RC UNIWRAP options: load sensing, toolbox, slope equipment, spotlights, blanked-off knives, HD knives, ISOBUS cable, ball-head attachment, bale twister

ROLLANT 454 RC / 455 RC options: load sensing, blanked-off knives, HD knives, ISOBUS cable, ball-head attachment

● Standard ○ Optional – Unavailable * Subject to national regulation

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