QUADRANT
3400
3300
3200
2200 ADVANTAGE

Complete high-output programme.

Well coordinated – harvesting systems from CLAAS.

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 when harvesting.
Chamber dimensions from 80 x 70 cm to Eurobale size 120 x 100 cm and various rotor models with or without a chopper unit mean that the QUADRANT range is well equipped for all crop types.

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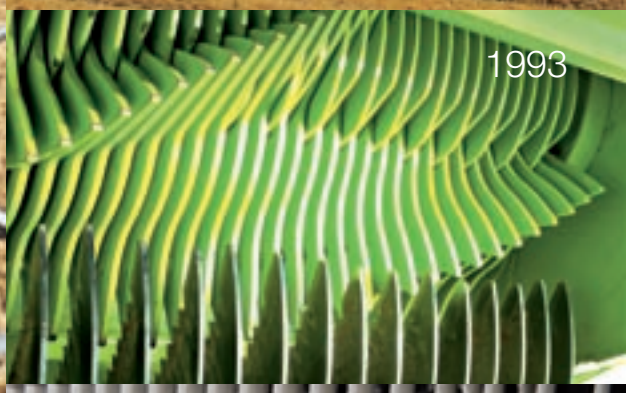
90 years of CLAAS knotters – a success story.



Milestones.

1921 CLAAS patents its knotter system.

1934 The CLAAS Pick-up Baler bursts onto the scene as the first baler to feed the crop into the machine mechanically.

1966 The MARKANT uses high pressure to produce compact, perfectly compressed bales in a 36 x 40-cm format.

1988 CLAAS introduces the first large square baler with the QUADRANT 1200.

1993 With the introduction of the ROTO CUT system, it is possible to chop crops directly in the field for the first time.

1998 CLAAS takes the market by surprise with a completely new drive-train design for the QUADRANT 2200.

2001 With FINE CUT, CLAAS introduces a 49-blade cutterbar for short straw onto the market.

2006 The QUADRANT 3400 – the highest-throughput baler ever.

2007 QUADRANT 3200 with hydraulically controlled pre-chamber.

2010 Short straw expertise: CLAAS becomes the only provider to offer a 180-knife straw chopper alongside its cutterbars with up to 49 knives.

2011 QUADRANT 3300 – the most comprehensive baler range on the market.

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 a 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 two 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.

Uncompromising quality.

The CLAAS factory in Metz is the most modern baler factory in Europe today. A dedicated team of more than 400 employees work tirelessly to achieve maximum quality, cutting-edge technology and optimum solutions. Development is followed by tough field testing around the world, since for us the harvest time lasts 12 months a year. We leave nothing to chance, and as a rule use only components we produce ourselves, such as the legendary CLAAS knotter, over two million of which are now in use worldwide.

State-of-the-art, fully automated robots weld the balers, which are then subject to stringent checks on the test stand. Real-life machine sequences are simulated and data stored for future development projects. The sum of all these production details and requirement profiles is what sets CLAAS apart – uncompromising quality that sets new benchmarks time and again.

Your perfect bale size.

Two factors are crucial when it comes to the productivity of baler operation.
Firstly: how much throughput does the baler achieve?
Secondly: how many bales can the field handling team clear afterwards?
At the end of the day, only one thing counts: hectares baled.

CLAAS is the only provider in the market to offer all customers their ideal bale size, whether it's 100 cm, 90 cm or 70 cm.

QUADRANT 3400: exclusive 120 x 100-cm bales.

In straw, hay and silage, the QUADRANT 3400 guarantees more than just high throughput per hour and day. The new CLAAS exclusive Eurobale size of 120 x 100 cm ensures that you can fully utilise the loading capacity of your field handling equipment.

QUADRANT 3200 and 2200 ADVANTAGE: the 120 x 70-cm standard bale.

CLAAS has set new standards in the square bale market with the 120 x 70-cm bale size. This shape offers the highest bale density, full trailer loads and a great bale shape. All this has made the 120 x 70-cm QUADRANT 3200 and 2200 ADVANTAGE bale the preferred bale size in professional straw handling.

NEW: QUADRANT 3300 with 120 x 90-cm bales.

CLAAS complements its product range with the new QUADRANT 3300.

Alongside the QUADRANT 3400 and 3200, the 3300 also features an hydraulically adjustable pre-chamber for producing highly compact, shape-holding bales in all conditions. The ideal set-up for perfect straw and silage baling.

The rock-hard bales of the QUADRANT 3300 set new standards in bale shape and straw quality in the 120 x 90-cm range.

Suitable for any swath.

While working, you have an excellent overview of the pick-up and rotor, and can boost the work rate as required. Depending on the crop, up to 40 percent more throughput is possible compared with conventional balers.

With its wide pick-up, the QUADRANT can easily cope with very wide and irregular swaths. The crop is gathered quickly and cleanly. The accumulator suspension means the pick-up travels evenly over the ground, while the large-sized castor guide wheels keep you safely on track. Both these features ensure optimum ground following and preservation of the grass cover, even at high working speeds and in turns.

The front-mounted roller crop press, which is standard on the QUADRANT 3400, 3300 and 3200 and optionally available on the QUADRANT 2200 ADVANTAGE, helps to compress the crop while accelerating the crop flow, and then transfers it actively to the rotor. The short distance between pick-up and rotor is the key to the efficient interplay of both components.

PFS – guarantees high performance.

The QUADRANT 3200 and optionally the QUADRANT 2200 ADVANTAGE are equipped with the POWER FEEDING SYSTEM (PFS). This boosts the crop flow by 30 percent.

The large-pitch one-piece stub auger with aggressive paddles delivers the crop far down into the rotor. In this way, the crop flow is effectively evened out and accelerated in its delivery to the rotor, significantly increasing throughput. This unique combination of roller crop press and actively powered, continuous intake auger makes your work easier, especially when it comes to uneven silage swaths.

The QUADRANT produces outstanding results with this enormous intake capacity in large swaths. The crop flow speed increases to an average of 4.7 m/s. You achieve up to 20 percent greater throughput, depending on the crop.

- Capacity for high tonnage per hour
- Enables high ground speeds
- Crop flow homogenised and accelerated
- Suitable for all swaths

With its 2.35-metre pick-up, the QUADRANT 3400 and 3300 can deal with even the very largest swaths.

Pick-up
POWER FEEDING SYSTEM.

QUADRANT 3400.

The high-performance rotor on the new QUADRANT 3400 receives the crop and feeds it into the baler using the new, hydraulically controlled packer tines. With a width of 1.3 metres and a diameter of 86 cm, this is the largest rotor on the market. This size has the following advantages:

- Extra capacity for maximum tonnages per hour
- Enables high ground speeds
- All swath densities are gathered up thoroughly
- Crop flow homogenised and accelerated
- Nine rotor blades
- Reduction of peak loadings with reduced fuel consumption
- Enormous throughput, whatever the conditions

A real heavyweight champion.

The rotor runs very smoothly, owing to its own considerable weight of half a tonne. The heavy mass allows the rotor to maintain an even speed, even for irregular swaths, and reduces the load transmitted to the tractor drive. Load peaks are avoided, thanks to the unique powerband drive. This smooth flow reduces fuel consumption and increases overall economy.

ROTO FEED – high performance without chopping.

QUADRANT 3300.

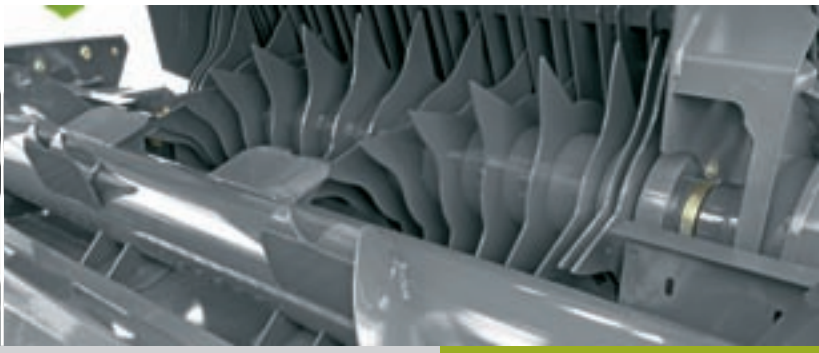
The large, 500-mm diameter of the rotor and the new arrangement of the four-arm rotor blades protect the crop enormously. The rapid speed ensures high throughput, even intake and deep delivery into the pre-chamber.

- High throughput
- Low demands on packer tines
- Low power requirement
- Low dust accumulation
- Suitability for delicate forage types such as alfalfa
- Excellent forage quality, thanks to innovative arrangement of the rotor blades

QUADRANT 3200 / 2200 ADVANTAGE.

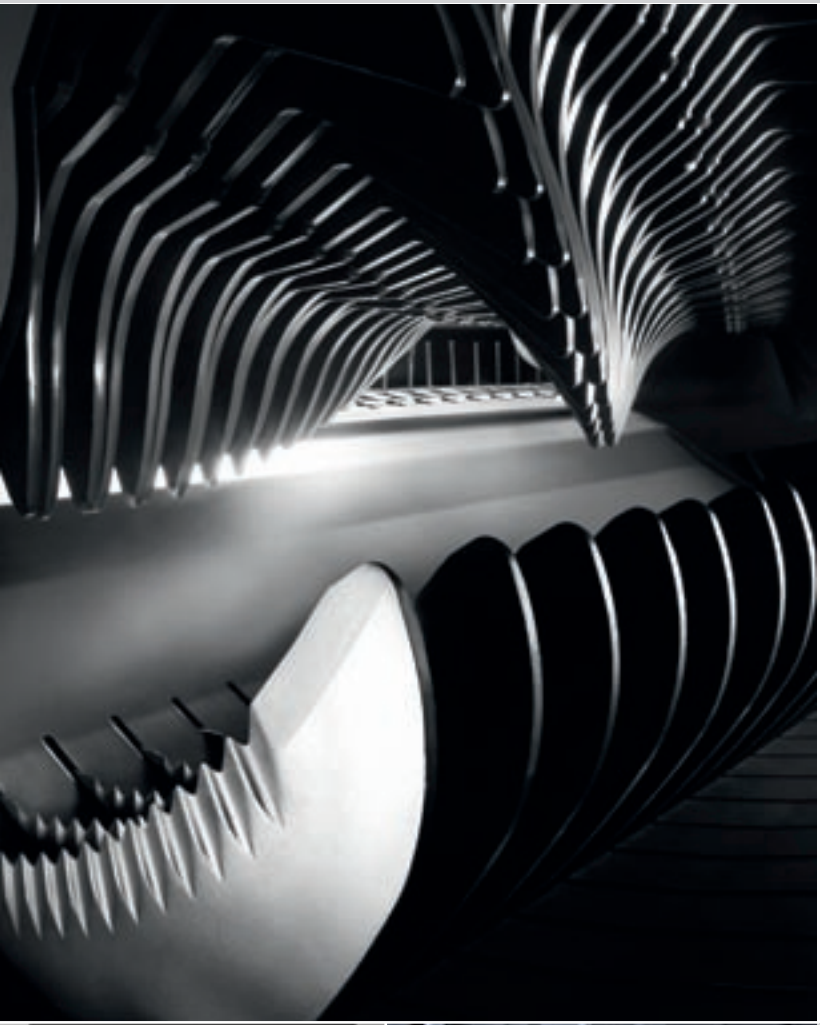
The POWER FEEDING SYSTEM feeds the crop to the rotor of the QUADRANT even faster. The rotor acquires the crop, accelerates it once again and then transfers it to the packer tines. This guarantees an improved, homogenised crop flow and a significantly higher baling capacity.

- Capacity for high tonnage per hour
- Enables high ground speeds
- Suitable for all swaths
- Crop flow homogenised and accelerated



High-performance rotor
ROTO FEED

ROTO CUT – greater milk production.

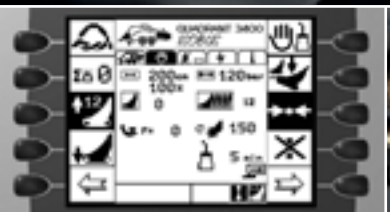


ROTO CUT with the highest chopping frequency.

Energy-rich and tasty silage with proper lactic acid fermentation is crucial for high milk production in the dairy herd. The three essential ingredients are a short chop length, high baling pressure and the exclusion of oxygen. CLAAS ROTO CUT is the system that currently has the highest chopping frequency on the market, enabling chop lengths of 45 mm.

As many blades as required.

The 25-blade chopping rotor works precisely, quickly and effectively with the double tines for a consistently good feed quality. Since the crop is cut short and precisely into small lengths, it can be compacted more densely and later broken up much more easily.



Exclusive to CLAAS – programmed knife change in groups. Depending on the crop, you can opt for 0, 12, 13 or 25 knives. Selection and control is done conveniently from the cab.

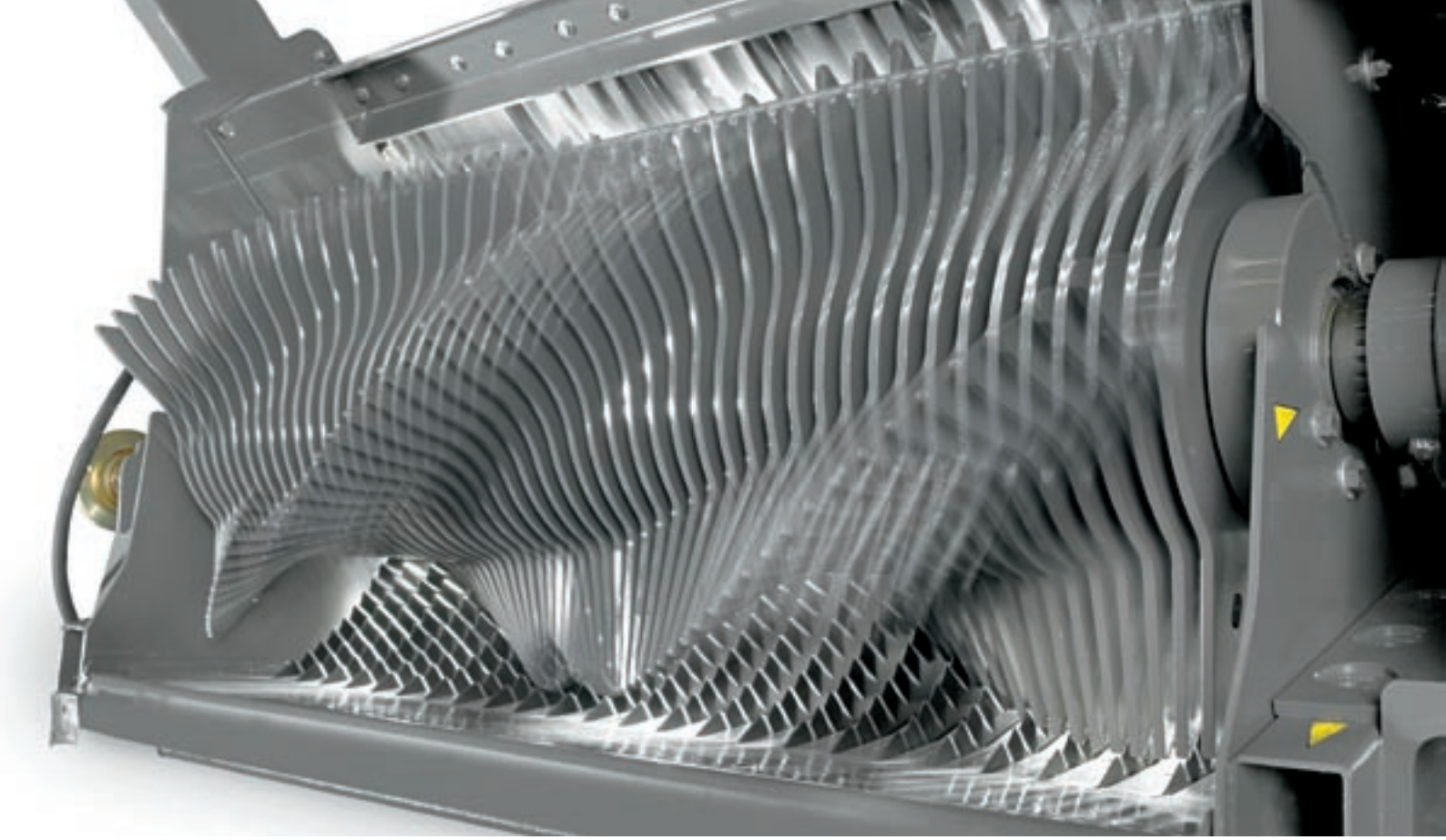
- Massive 25-blade cutting rotor made of double-hardened boron steel
- Nine rows of rotor tines for optimal crop collection
- Aggressive knives with extremely long blades for especially good chop quality
- Precise knife guidance through the spirally arranged dual tines
- Hydraulic knife engagement
- Flat, power-saving cutting angle

Two hydraulic knife guards ensure that you don't overload the QUADRANT 3400 in the event of a blockage. Thanks to the hydraulically lowerable floor, which is exclusive to CLAAS large square balers, the blockage can be conveniently cleared without leaving the cab. This feature also allows easy access to the knives.

While working, you have an excellent overview of the pick-up and rotor, and can boost the workrate as required. Depending on the crop, up to 40 percent more throughput is possible compared with conventional balers.

Pressure-control valve to secure the knives: if excess pressure builds up, the knives move down automatically and spring back into position by themselves.

QUADRANT 3400
ROTO CUT



A precise cut.

The 25-blade chopping rotor works precisely, quickly and effectively, with helical double tines for a consistently good feed quality. Since the crop is cut short and precisely into small lengths, it can be compacted more densely and later broken up much more easily.

- Massive 25-blade cutting rotor made of double-hardened boron steel
- Four tine rows for optimum crop intake
- Aggressive knives for an especially good cutting quality
- Precise knife guidance through the spirally arranged dual tines
- Individual blade protection
- Flat, power-saving cutting angle
- Knife changing in groups for exact chop lengths

Knife group changing the CLAAS way. Depending on the task in hand, you can opt for 0, 6, 13 or 25 knives.

Maximum throughput.

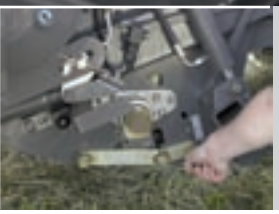
Push your QUADRANT to the limit. Clear blockages from the convenience and comfort of the cab with the hydraulically lowered chopper housing.
In the QUADRANT 3200, the chopper housing lowers automatically in the event of overload and enables the rotor to restart by itself.

In the QUADRANT 2200 RC ADVANTAGE, you can easily lower the chopper housing via the spool valve, depressurise the knives if necessary and remove the blockage. Once cleared, you can close the chopper housing, reposition the knives and continue with the task at hand.

The chopper housing can also be lowered for maintenance tasks or to replace the knives.

In the QUADRANT 3200, the hydraulically lowered floor is designed to lower automatically in the case of overload and enables the rotor to restart by itself. Blockages can therefore be cleared conveniently from the comfort of the tractor cab.

The right cut.



Knife group changing the CLAAS way.
Depending on the task at hand, you can opt for 0, 6, 13 or 25 knives.

QUADRANT 3200 /
QUADRANT 2200
ADVANTAGE
ROTO CUT

FINE CUT – short straw.

Animals that feel good, produce more. For this reason alone, short straw has asserted itself as the ideal litter in numerous poultry sheds, dairy cattle cubicles and pigsties.

It's almost entirely dust-free, since the cutting action prevents dust from getting in. Furthermore, short straw is increasingly being added to the feed mixer. Our FINE CUT straw is easily mixed, doesn't need to be mixed in advance and mixes directly with the added silage. Additionally, the cut material has the added benefit of stimulating the rumen action:

- Significantly better crop intake
- Reduced waste
- Stimulation of rumen action
- Increase of overall crop intake
- Cuts the time for replacement of food residues and cleaning of feeding stations

The extra short straw with QUADRANT 3200 FINE CUT leaves almost no stalk longer than 20 mm. Everything is chopped cleanly and free of dust, and compacted into firm bales.

The CLAAS QUADRANT with FINE CUT cutting system produces short straw lengths without waste and dust directly in the field. The new FINE CUT generation with the 49-blade cutting trough opens up entirely new dimensions of straw and cutting quality for you. The increased chopping frequency of over 35,000 cuts increases throughput and also makes the chopping process consistent.

The straw is cut with a knife spacing of 20 mm and compacted into firm bales. All 49 knives are designed with a pull-through cut, which reduces machine energy requirements significantly, cutting your fuel bill in the process.

You can quite easily reduce the number of knives for use with silage. Knives are grouped in threes for protection against foreign objects.

Fine short straw has a role in modern, caring livestock husbandry.

- Clean and dust-free – for healthy, clean animals
- Easily mixable – less power required for distribution
- Not split – far fewer animal losses in poultry husbandry as the chickens don't eat the straw
- Ideal structure agent in cattle rations – easy distribution in the feed mixer

SPECIAL CUT – short straw with 180 knives.

Chopped short straw is enormously absorbent, making it the ideal litter for dairy cattle cubicles, pigsties and horse boxes. The high absorptive capacity keeps the animals clean and reduces the consumption of straw.
Clean udders are also an important part of dairy hygiene. The milking process is speeded up, thanks to reduced outlay in udder cleaning.
Chopped straw can be mixed well with maize-rich rations. The animals are not selective and the forage ration is consumed in its entirety.

Easy-to-handle bales.

Chopped straw also allows for optimal handling in large square bales. The high bale density and precise bale shape ensure transport-stable bales even when relocated multiple times.

The high bale density of the chopped product ensures significantly higher weights per bale and thus fewer bales per hectare, reducing handling outlay.

Improved chopping.

To ensure optimal chop qualities in all conditions, the SPECIAL CUT straw chopper operates as standard with 90 serrated knives and at over 3,000 rpm at the rotor.
The straw chopper is operated at a distance from the ground of at least 250 mm. With the exclusive, helical nine-tine row arrangement, the chopper "sucks" up the straw without coming into contact with the ground or rocks, and, unlike all other models, delivers a continuous, uniform crop flow.

Depending on the straw quality, two complete knife rows, each with 45 blades, can be additionally swivelled in as shear bars in several stages, operating at a displacement of 15 mm. These shear bars work on the principle of a pull-through chopping action. This saves fuel, ensures an optimal chop quality and delivers a top-quality, short-cut product from even the toughest straw.

Optimal crop flow.

The SPECIAL CUT chopper blows the straw into the rotor along a direct route beneath the PFS auger – no swirling up or material congestion. This helps prevent dust accumulation and boosts the throughput volume for maximum operational reliability.

Efficient baling with or without chopper.

A ground clearance in excess of 500 mm with chopper disengaged allows larger swaths, too, to pass through unimpeded. This means the chopper generally doesn't have to be disassembled. A roller crop guard is fitted as standard.

The straw chopper can be assembled or disassembled in around 15 minutes. This allows the baler to be used at maximum efficiency in long straw, hay and silage.

Exclusive to CLAAS: the pre-compaction pressure can be adjusted from the cab using the CLAAS COMMUNICATOR, which means that the machine can always be run at full output.

Intelligent chamber filling.

High bale density and perfect crop flow have always been the key QUADRANT baler features in delivering uniformly shaped, rock-hard bales. The proven CLAAS packer tine principle and adjustable pre-chamber ensure that straw, hay and silage are very well prepared when they are sent into the bale chamber. In the QUADRANT 3400, four and in the QUADRANT 3300/3200 three pre-chamber baling pressure options are available, depending on the crop quality, selectable from the comfort of the cab via the CLAAS COMMUNICATOR.

Regardless of the swath and crop conditions you come across, you can bring everything under control with the adjustable, hydraulically actuated pre-chamber.

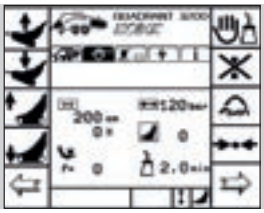
Proven packer tine concept.

The packer tines in the QUADRANT constantly extract material from the rotor. As a result, the rotor doesn't have to provide any additional conveying power, but can concentrate fully on its task of swallowing up the crop and delivering the best chop quality.

Adjustable packer tine control.

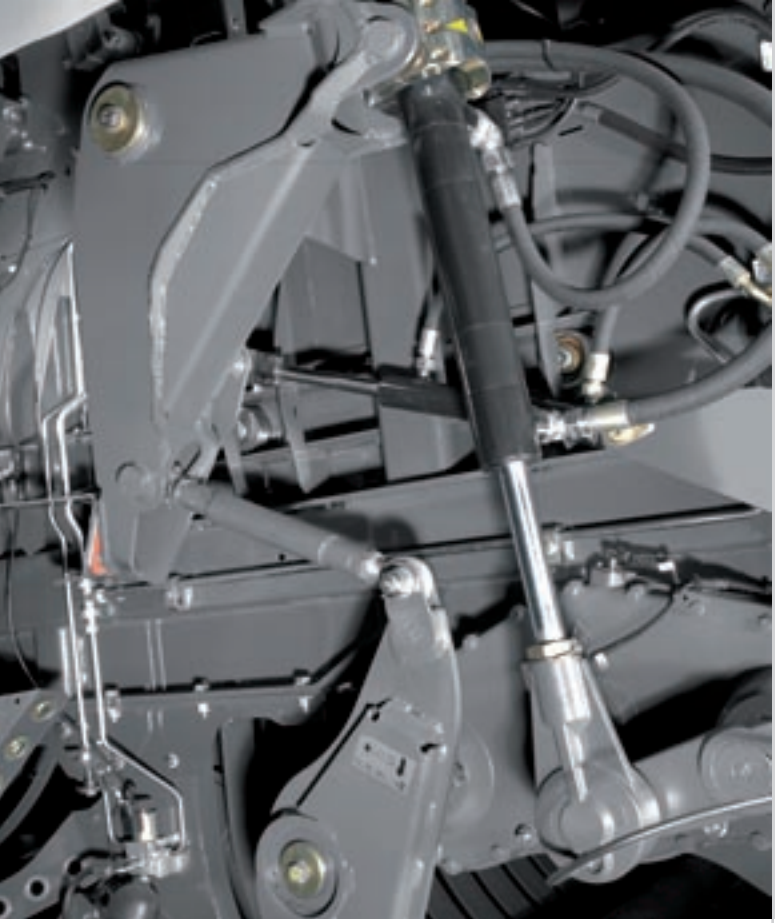
In large swaths, the QUADRANT produces bales without using the pre-chamber. The packer tines perform one raking action and one packing action per piston stroke, with each piston stroke used for compaction. In all other cases, you can activate the hydraulic (and therefore wear-free) packer tine control effortlessly from the cab. Fully adjustable, it produces excellent compaction in all conditions.

With the pre-chamber engaged, the harvested crop is collected in a single raking action of the packer tines until the pre-chamber is optimally filled, at which point the crop is forced into the chamber in a single packing action. This produces a perfect bale shape with a consistent density throughout.



Adjustable QUADRANT 3300 and 3200 pre-chamber control

0 Automatic pre-chamber for very large swaths
1 Pre-chamber engaged for small swaths
2 Pre-chamber engaged for large or uneven swaths



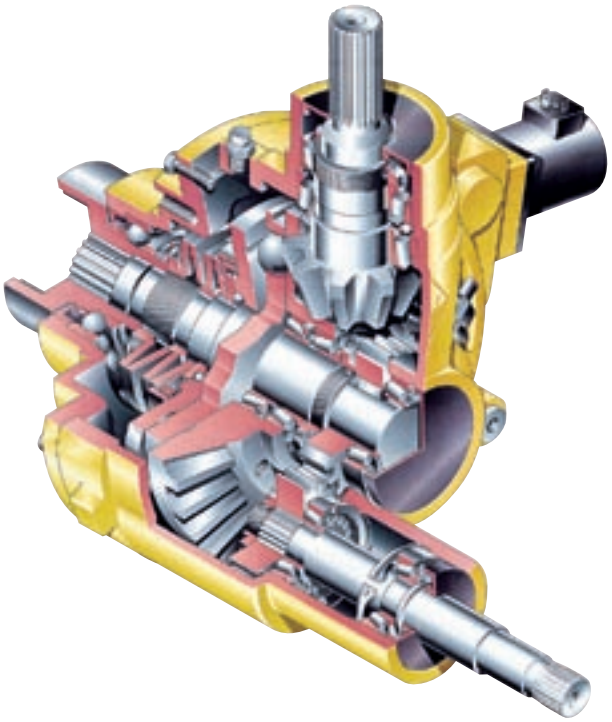
Everything properly under control.

This unique combination of permanent crop transfer at the rotor and adjustable pre-chamber is decisive in making perfectly formed bales with maximum throughput and chopping. The result is intelligent filling of the baling chamber in all conditions and for every crop type, from straw and hay to silage.

"The QUADRANT with its hydraulic pre-chamber is extremely flexible in operation. The pre-chamber can be switched on and off so it produces well-shaped and highly compacted bales when operating in even the most adverse conditions on our land."

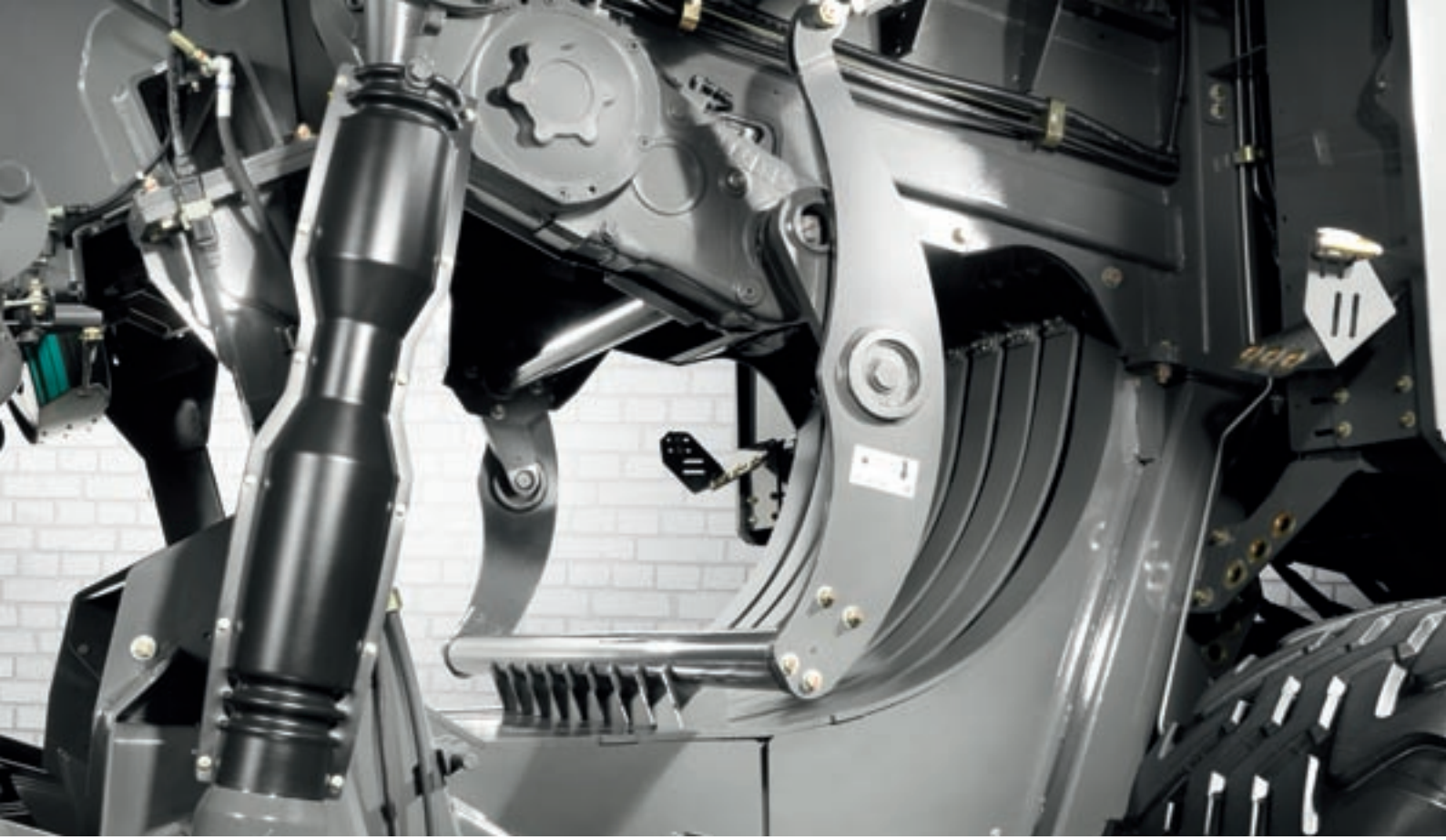
Pre-chamber
Feed rake

Endurance test passed a thousand times – the drive system.



Piston loading is electronically monitored. If an overload occurs, it is compensated by the hydraulic pressure control to protect the baling unit.

Maintenance-free safety: high-quality overload couplings with oil bath lubrication protect the QUADRANT against overload.



QUADRANT balers have impressed operators for years in daily operations with their absolutely reliable drive design. Clearly arranged and easily accessible components ensure high efficiency and a long service life.

The design ensures outstanding efficiency by transmitting all power along short, straight lines using a very large flywheel. Lowest possible energy consumption per tonne of crop is reflected in lower fuel bills.

A unique combination with interactive safety: Bondioli packer tine gearbox and Walterscheid rotor gear.

The feed rake and rotor are fitted with separate, automatic overload protection features. Whenever the packer tine clutch engages, the rotor clutch is disconnected automatically. This means the QUADRANT will never be brought to a standstill by blockages. You can quickly clear crop jams from the comfort of the tractor seat.

Outstanding features that have been setting the standard for years.

- High speeds and low torque
- Maintenance-free drives and clutches operating in an oil bath
- Maintenance-free packer tine drive with hydraulically adjustable pre-chamber
- QUADRANT 2200 ADVANTAGE: maintenance-free, 3-phase CLAAS-style feed raking
- Divided power flow: baling rams, packer tines, pick-up and rotors are powered separately
- Minimum number of moving parts

Piston loading is electronically monitored. If an overload occurs, it is compensated by the hydraulic pressure control to protect the baling unit. The driver is informed via the display and baling pressure is automatically built up again.

It's very simple: the higher the throughput, the faster the field is cleared. You bale more kilograms per cubic metre and achieve higher tonnages per hour.

In short: the productivity and cost-effectiveness of the QUADRANT is virtually unbeatable.

The three-metre-long baling chamber, together with its high friction resistance and the piston ram driven by the large main gearbox, has the potential to produce super-hard bales even at high work rates – a benefit that is particularly welcome in industrial straw applications.

The piston is guided firmly via eight large guide rollers. This, together with the up to seven cylinders for the pressure plates, ensures perfect bale density with each and every crop.
Straw, hay and silage are compacted into small bale packages in record time: 46 ram strokes per minute in the QUADRANT 3400 and 3300 and 51 ram strokes per minute in the QUADRANT 3200 and 2200 ADVANTAGE and hydraulic pressure applied from three sides ensure that the bales are evenly and highly compressed with more kilograms per cubic metre. The baling pressure can be adjusted to suit the conditions at any time via the control panel.

The extension at the end of the bale chamber affords the bale space to lengthen gradually and to slowly increase the strain on the binding. This minimises the risk of twine breakage.

More straw per bale – less time out in the field.

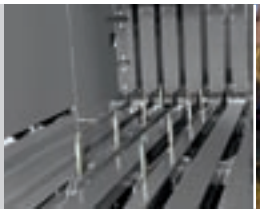
QUADRANT 2200 ADVANTAGE: even greater baling pressure available as an option.

Mechanical adjustment of the lower tailgate in the bale chamber via an eccentric cam enables even greater force to be exerted on the crop. The high baling pressure and the perfect crop flow mean that the QUADRANT delivers evenly formed, rock-hard bales every time.

Emptied out.

Important to all contract balers: with the bale ejector, the baling chamber can be fully purged of material when the last two bales are ejected.

When it comes to cleaning and preparing the baler for winter, too, nothing remains behind.



Bale chamber
Compaction

Reliable and efficient HIGH-SPEED BINDING from CLAAS.

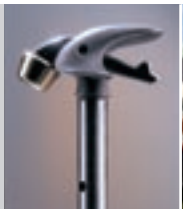
CLAAS balers would be inconceivable without the legendary CLAAS knotter.

The individual knotter was the first CLAAS patented product, and in 1921 was awarded a DLG medal. Today, CLAAS remains the only agricultural machinery manufacturer worldwide to develop and manufacture its own knotters. Expertise and quality from one source – CLAAS.

The one-way knotter is characterised by simplicity and efficiency:

- Simple configuration
- Simple threading of QUADOTEX twine developed specially for CLAAS balers
- No hazardous twine residues as by-product
- Minimal wear, since the knotter requires only one movement to make a knot
- Reliable in all operating conditions

In the past, the CLAAS knotter was fundamental in cementing the worldwide success of CLAAS balers, and today ensures secure knots in the QUADRANT 3400 and 3300 – all at a much higher throughput level than has ever been possible before, anywhere in the world.



The innovative tying mechanism with swivel-mounted knotter and eccentric drive was awarded the Gold Medal at SIMA 2007.

The challenge.

What works on 1.00-metre bales has long worked on 0.90-metre bales. The needles conveying the twine to the knotter have a greater distance to travel. The aim here was to save time.

The solution.

The knotter on the QUADRANT 3400 and 3300 features a unique eccentric drive that operates at varying speeds during tying operations. During the twine feed operation, the needles are accelerated and feed the twine in just 0.4 seconds. This produces a time saving of 30 percent. At the same time, the knotter swivels towards the needles. This allows the use of shorter needles with a steeper plunge angle, so they are protected by the piston for longer. The new, controlled twine clamp is a safety factor in the tying cycle. It holds the twine firmly throughout the cycle. The active needle retractor with separate drive shaft ensures that the needles never get stuck in the baling chamber.

The result.

Tight, well-placed knots with maximum bale density and maximum throughput. There is no unwanted twine waste as in other knotting systems, which means that the bales produced by the QUADRANT 3400 and 3300 can be used both for feeding purposes and for energy generation.

The knotters are driven directly from the main gearbox, ensuring constant synchronisation between the pistons and needles.

Twine boxes.

Large twine boxes are located behind the side panels. These can accommodate even the largest spools of twine on the market (11.5 kilograms). With the QUADOTEX 3400 twine developed especially for the QUADRANT 3400, for instance, you have about 25 percent more twine supply on board than before.

The TURBO FAN system cleans the knotter with a powerful and constant 140-km/h airflow.

Six CLAAS knotters

Successful.

Significantly higher bale weights can be achieved with six knotter units. CLAAS high-performance knotters always tie super-tight, perfectly positioned knots, while ensuring maximum bale density and highest throughput. A further benefit: the knotters do not produce dangerous twine residues that can cause animal fatalities during feeding or leave residues when the bales are burned for power generation.

The knotter is driven directly from the main gearbox. This ensures synchronisation between the piston and needles at all times.

Productive.

A total supply of 24 twine reels can be carried on the machine – enough for a long working day.

Efficient.

CLAAS baling twine is matched to the CLAAS knotter. It resists breakage under load, and is so smooth that knotter wear is reduced to a minimum. CLAAS baling twine is a cost-effective choice for the right balance between high knot tightness and efficient running length.

CLAAS baling twine is available to suit every baler as well as for different working conditions.

The knot does exactly what its inventor promises.

Unrivalled knotter cleaning. The TURBO FAN system protects the knotter from contamination with a powerful and constant 140-km/h airflow from two turbines.

Six CLAAS high-performance knotters

You'll never have to dismount again to adjust the baler: the CLAAS COMMUNICATOR with its large, clearly laid-out display and new ISOBUS technology simplifies interaction with your QUADRANT.

There are 20 job memories available to you for professional work data collection. They record the bale count, the total length, the percentage of chopped bales and the average bale length for each customer. You then have all the information you need for accurate invoicing.

You're always kept in the picture regarding your machine's operational status. What's more, you can change the most important configuration parameters quickly and easily. A touch of the finger is all it takes, and you have access to five menus, which enable you to:

- Determine baling pressure and bale length
- Control the knife group selection
- Open and close the chopper housing
- Adjust, switch on or switch off the pre-chamber

Excellent operator features.

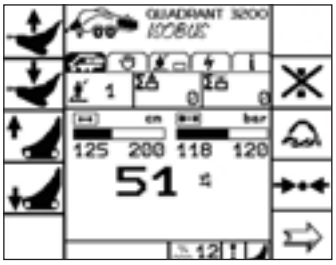
A host of additional features are available for the QUADRANT:

- Moisture sensor to indicate the material moisture content for configuring the right baling pressure
- Bale drop sensor
- Bale ramp position sensor
- QUADRANT 2200 ADVANTAGE: The turbo guard prevents the crop from slipping back into the baling chamber when operating in short crops and ensures an ideal bale shape even in small or irregular swaths

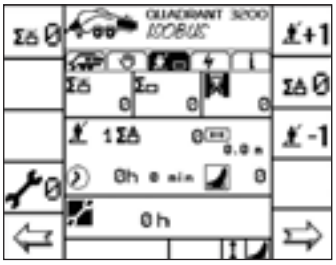
Another added convenience feature is the optional camera system. This enables the driver to monitor the baling and tying process from the comfort of the tractor cab.

A clean result.

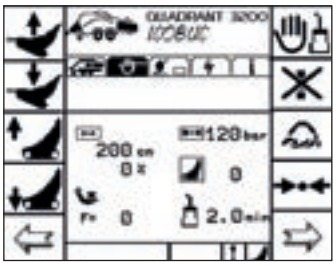
Task menu:
The perfect overview: bale length, baling pressure, package length, crop moisture content, piston strokes per minute, number of small cycles before large cycle, position of the knives, number of bales.



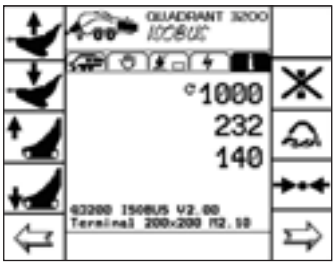
Operating menu:
Up to 20 work records can be stored – details include total hours, number of bales and bales cut, plus lots of other useful information.



Settings menu:
Pre-chamber in/out, blade cleaning, lubrication interval, baling pressure and bale length.



Information menu:
This menu provides key information on baler speeds. These include, for instance, the speeds of the main transmission, rotor and pick-up.



Another unique CLAAS feature: the pre-chamber can easily be switched on and off from the cab by means of the CLAAS COMMUNICATOR. As a result the machine can always be driven at maximum efficiency.

ISOBUS inside

CLAAS COMMUNICATOR


The biggest contender –
from CLAAS.

The experience of more than 90 years of baler design has gone into the QUADRANT 3400. We've kept the best and made the good bits better. When it comes to hay and straw, this machine has the highest throughput on the market. And since it's just as much at home in silage, this makes it the largest silage baler currently available.

QUADRANT 3400

More tonnes per hour is the name of the game.

Mechanisation on the farm has reached dimensions that were still unimaginable just a few years ago. Harvesting machines, tractors, telehandlers and skid-steer loaders have become more and more powerful with every season.

The new QUADRANT 3400 gives you a baler that fits perfectly into this chain of high-performance machinery.

The benefits for you are enormous work rates in terms of tonnes per hour, and having your fields cleared faster than ever before.

Every second counts at harvest. This is when a big baler that quickly picks up, compresses and binds everything that the combine or swather presents it with comes into its own. In conjunction with the powerful bale-handling equipment, the field is rapidly cleared and immediately ready for the tillage operation to begin.

The message is clear – you can make larger bales, and you can make them faster. More tonnes per hour are now possible than ever before. That's why we're confident when we say that the QUADRANT 3400 is defining a whole new performance category.

"With work rates of 60 tonnes of straw per hour, you can be sure of making the most of the limited time available, and the field will be cleared more quickly, ready for the tillage operation to begin."

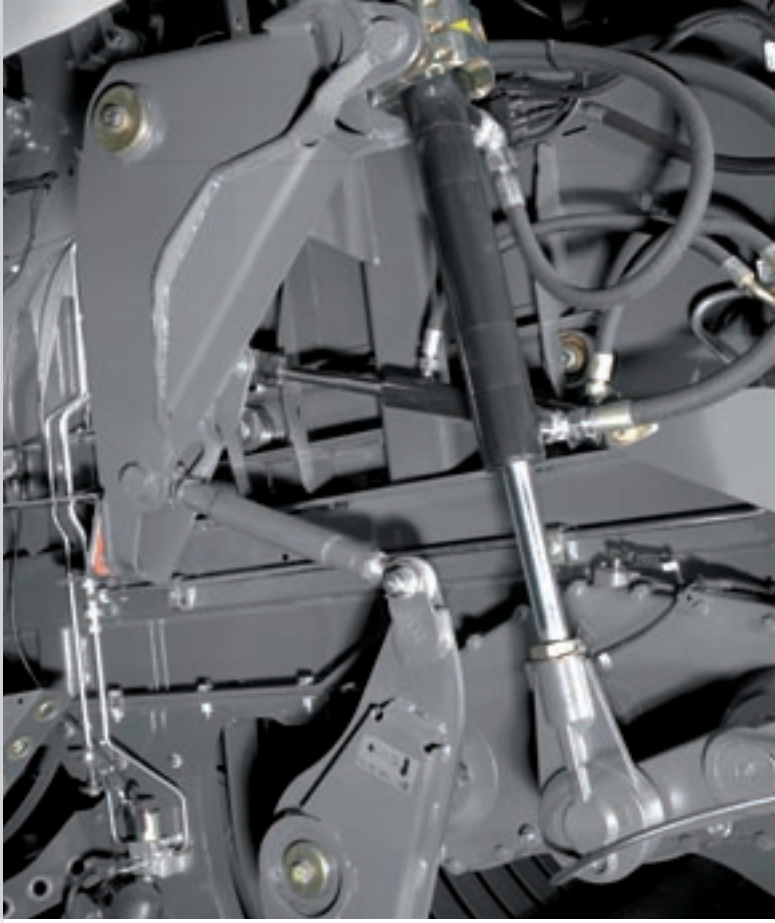
Greater productivity.

All components of the QUADRANT 3400 have been designed for speed and maximum throughput.

- The only 2.35-metre pickup with hydraulic drive.
- An aggressive high-performance rotor with 86 cm diameter increases the intake capacity.
- The CLAAS ROTO CUT system provides 28,000 cuts per minute – the highest chopping frequency on the market.
- The hydraulically controlled packer tines and the adjustable pre-chamber ensure thorough chamber filling.
- The bale chamber, with a length of 3.0 metres and with 46 strokes per minute, compresses straw, hay or silage in record time.
- The knotter system with acceleration drive for the needles and knotter swivel device binds the bales in record time.

More straw per bale: three cylinders on each side and 200-bar baling pressure ensure a very high bale density.

Simply a question of configuration.



Intelligent chamber filling.

With their high bale density and perfect crop flow, QUADRANT balers give you evenly formed, rock-hard bales every time. In order to achieve this proven bale quality in the 120 x 100-cm category, the straw, hay or silage has to be well prepared before it enters the bale chamber. For this reason, CLAAS engineers have developed a completely new solution: the INTELLIGENT FEEDING SYSTEM with large rotor, proven packer tines and adjustable pre-chamber.

Proven packer tine concept.

The packer tines in the new QUADRANT 3400 constantly extract material from the rotor. As a result the rotor doesn't have to provide any additional conveying power, but can be utilised fully for its task of swallowing up the crop and delivering the best chop quality.

Exclusive to CLAAS: the pre-compaction pressure can be adjusted from the cab using the CLAAS COMMUNICATOR, which means that the machine can always be run at full output.

Adjustable packer tine control.

In large swaths, the QUADRANT 3400 produces bales without pre-compression in the pre-chamber. Each piston stroke is used for compaction. In all other cases, you can activate the pre-chamber control effortlessly from the cab. The control adjusts the retainer bars in four steps and produces excellent compaction in all conditions. The hydraulic – and therefore wear-free – packer tines are now controlled via the retainer bars. The crop material is collected until the pre-chamber is properly filled and the retainer bars swing out. The crop is then pressed into the chamber in one stroke. This is the secret behind perfect bales with uniform density.

This unique combination of permanent crop transfer at the rotor and adjustable pre-chamber is decisive in making perfectly formed bales with maximum throughput and chopping. The result is intelligent filling of the baling chamber in all conditions and for every crop type, from straw and hay to silage.

The pre-chamber with its adjustable retainer bars can be disengaged for maximum throughput with large swaths. When switched on for small swaths, the pre-chamber ensures perfect baling aeration.

Pre-chamber
Feed rake

Several factors are crucial for the long service life of the baler.

- Main gearbox designed for over 1,100 hp
- Divided power flow: on the left the rotor drive, and on the right the packer tines and pickup
- Powerband rotor drive just like in the CLAAS LEXION and JAGUAR self-propelled machines
- Rotor drive option
- Automatic shut-off system in the event of blockages

Lubrication and cleaning system are fully automatic, allowing a reduced maintenance outlay and a longer service life.

An enduring relationship.

Powerband rotor drive.

The powerband rotor drive is well known from the CLAAS LEXION and JAGUAR self-propelled machines. It's a drive and overload protection in one. Load peaks are intelligently picked up and displayed in the COMMUNICATOR, and overloads are detected and eliminated. If an overload occurs, the powerband drive is disengaged automatically. The chopper housing can then be opened hydraulically so that the rotor can free itself up. In this way, you prevent peak loadings in the event of a blockage. This means you'll never be able to force the QUADRANT 3400 to a standstill.


Gentle baling –
secure binding.

The new QUADRANT 3300 with 120 x 90-cm bale size, yet another addition to the CLAAS machine portfolio, operates extremely gently in all forage types with well-engineered rotor technology and without cutterbar. The new innovative bale chamber enables evenly and densely compacted and securely tied bales to be produced.

QUADRANT 3300

First-class technology.

QUADRANT technology without compromise in the 90 class too.

CLAAS completes the QUADRANT range with the 3300 – a machine in high acclaim for its lightness, reliability and throughput.

Immense intake capacity from the word go.

With its 2.35-metre working width and perfect ground-contour following, the pick-up deals thoroughly with even the largest of swaths.

The QUADRANT 3300 is also equipped with the CLAAS patented and pre-fitted double-roller crop press, which compresses the crop perfectly, accelerates the crop flow and transfers it actively to the rotor.

Outstanding rotor technology.

QUADRANT – rotary, permanent intake even without the chopping system. The high speed ensures enormous throughput and high acreages. Thanks to an even intake and active delivery to the pre-chamber, the QUADRANT 3300 produces sharp-edged, evenly compacted bales.

The large 500-mm diameter rotor and the new spiral-shaped arrangement of the four-arm rotor blades crucially protect the crop.

- Low demands on feeder
- Low power requirement
- Low dust accumulation
- Suitability for delicate forage types such as alfalfa
- High standard of crop protection and thus excellent forage quality, thanks to the innovative arrangement of the rotor blades

Forage protection and performance – one and the same in the QUADRANT 3300.

Emmanuel Raimond is both a farmer and manager of a contracting company specialising in baling operations in Ecury-sur-Coole in the Marne district of France. This year, the company purchased a QUADRANT 3300 to complement its fleet, which also includes a QUADRANT 2200 ADVANTAGE and QUADRANT 3200. These machines each bale on average over 10,000 bales annually. The company's activities are largely centred on the baling of straw destined for stockbreeders or for commercial sale.

Mr Raimond settled on the use of CLAAS balers in his company's operations for several reasons: "I have always used CLAAS balers from the QUADRANT range, originally due to the perfect bale shape of these machines and the minimal maintenance outlay required when we first started out. Today, demand continues to increase for the 120 x 90-cm bale format, given its excellent suitability in both stock-breeding and truck transportation.

The introduction of the QUADRANT 3300 therefore presented a great opportunity for the contracting company, which was already very appreciative of the benefits of this new baler: "The QUADRANT 3300 is very well suited to our requirements – its ease of operation is a major plus, since we use seasonal workers who can take the machine out and use it without any problems. Furthermore, we are also extremely satisfied with the excellent throughput of the machine, especially in years like this one in which weather is highly changeable. A further major benefit is that the forage, e.g. delicate alfalfa, is protected by the rotor of the QUADRANT 3300; forage qualities as good as these are increasing sought after by our customers, in particular equestrian sports centres, in ever larger quantities."

Finally, the bale shape and density are also very important. "These attributes allow us to handle the bales with ease and transfer these between locations cleanly, in excellent condition and without significant forage losses when handling."

Expectations fully satisfied.

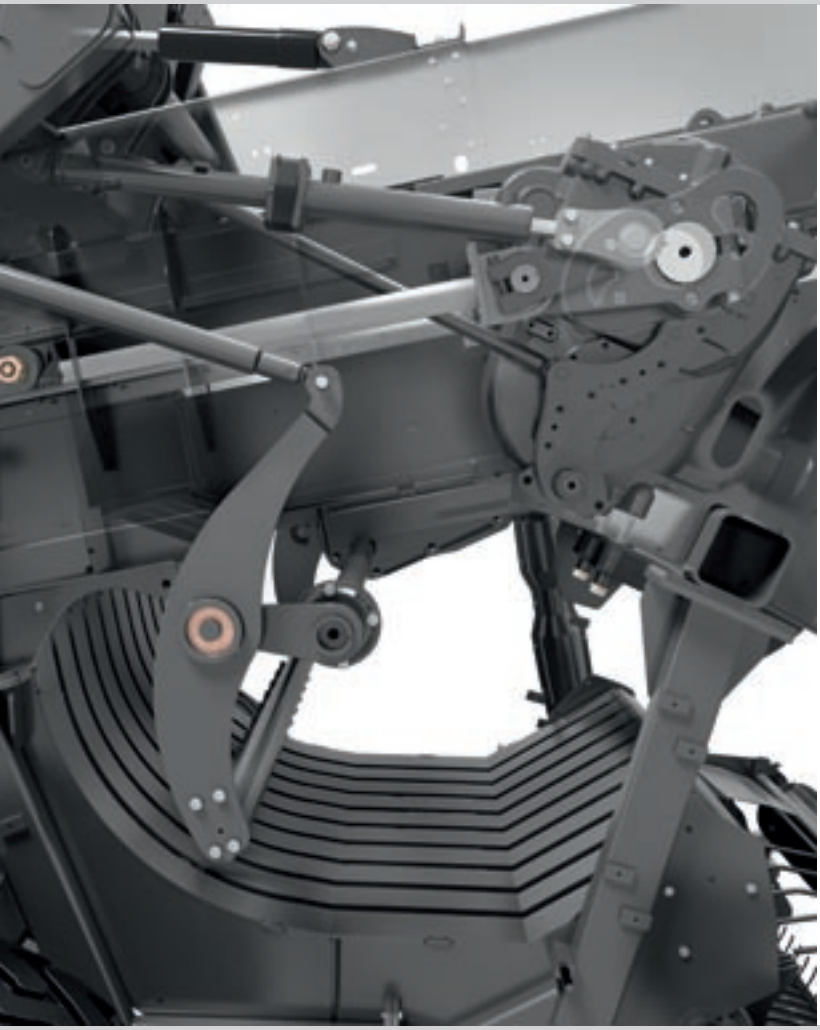
Popular 90-cm bale size.

Mr Cosson's company in Bezange-la-Petite performs various different types of contracting operation, including baling with an annual output of 10,000 bales (hay, straw and silage combined).

After baling 80,000 bales with his QUADRANT 2200, he decided to replace the machine with a QUADRANT 3300, primarily owing to the increased demand for the 120 x 90-cm bale format.

Mr Cosson has since been extremely satisfied with the machine's throughput: "Our peak output was 73 bales in 45 minutes with an average six-line winter barley weight of 420 kilograms, or 40 tonnes per hour. The 90-cm format is beneficial to us because it allows for rapid field clearance and effective coordination of our transport chain. The forage-protecting shape of the rotor and the length of the highly uniform bales are further pluses of the QUADRANT 3300, and the machine meets our expectations perfectly."

High bale density.



Unique crop flow concept.

This sophisticated combination of permanent crop transfer at the rotor and adjustable pre-chamber is decisive in making perfectly formed bales with maximum throughput. The result is intelligent filling of the baling chamber in all conditions and for every crop type, from straw and hay to silage.

Adjustable packer tine control.

In large swaths, the QUADRANT 3300 produces bales without pre-compression in the pre-chamber. Each piston stroke is used for compaction. In all other cases, you can activate the pre-chamber control effortlessly from the cab. The control adjusts the retainer bars in two steps and produces excellent compaction in all conditions. The hydraulic – and therefore wear-free – packer tines are now controlled via the retainer bars. The crop material is collected until the pre-chamber is properly filled and the retainer bars swing out. The crop is then pressed into the chamber in one stroke. This is the secret behind perfect bales with uniform density.

Performance peak.

Push your QUADRANT 3300 to the limit. The feed rake and rotor are protected via a clutch, which automatically disengages the rotor at pressures greater than 200 bar. Furthermore, information regarding the feed rake load is communicated to you via the CLAAS COMMUNICATOR, enabling you to prevent potential overloads ahead of time. This means you'll never be able to force the QUADRANT 3300 to a standstill.



HIGH SPEED BINDING.

The QUADRANT 3300 uses the same eccentric drive in the binding process as used to guarantee enormously high throughput in the QUADRANT 3400. The newly designed knotters with new twine pusher and baseplate ensure outstanding tying in all operating conditions, regardless of the bale density.

The accelerated up and down movement of the needles reduces the time required for tying by 25 percent. To ease the tension on the twine and for improving pick up by the knotter hooks, the six knotters swing against the needles simultaneously.

Active needle retraction ensures high reliability in the tying cycle, and reliably eliminates the potential for collision of needle and piston.

The result.

Tight, well-placed knots with maximum bale density and maximum throughput. There is no unwanted twine waste as in other knotting systems, which means that the bales produced by the QUADRANT 3300 can be used both for feeding purposes and for energy generation.

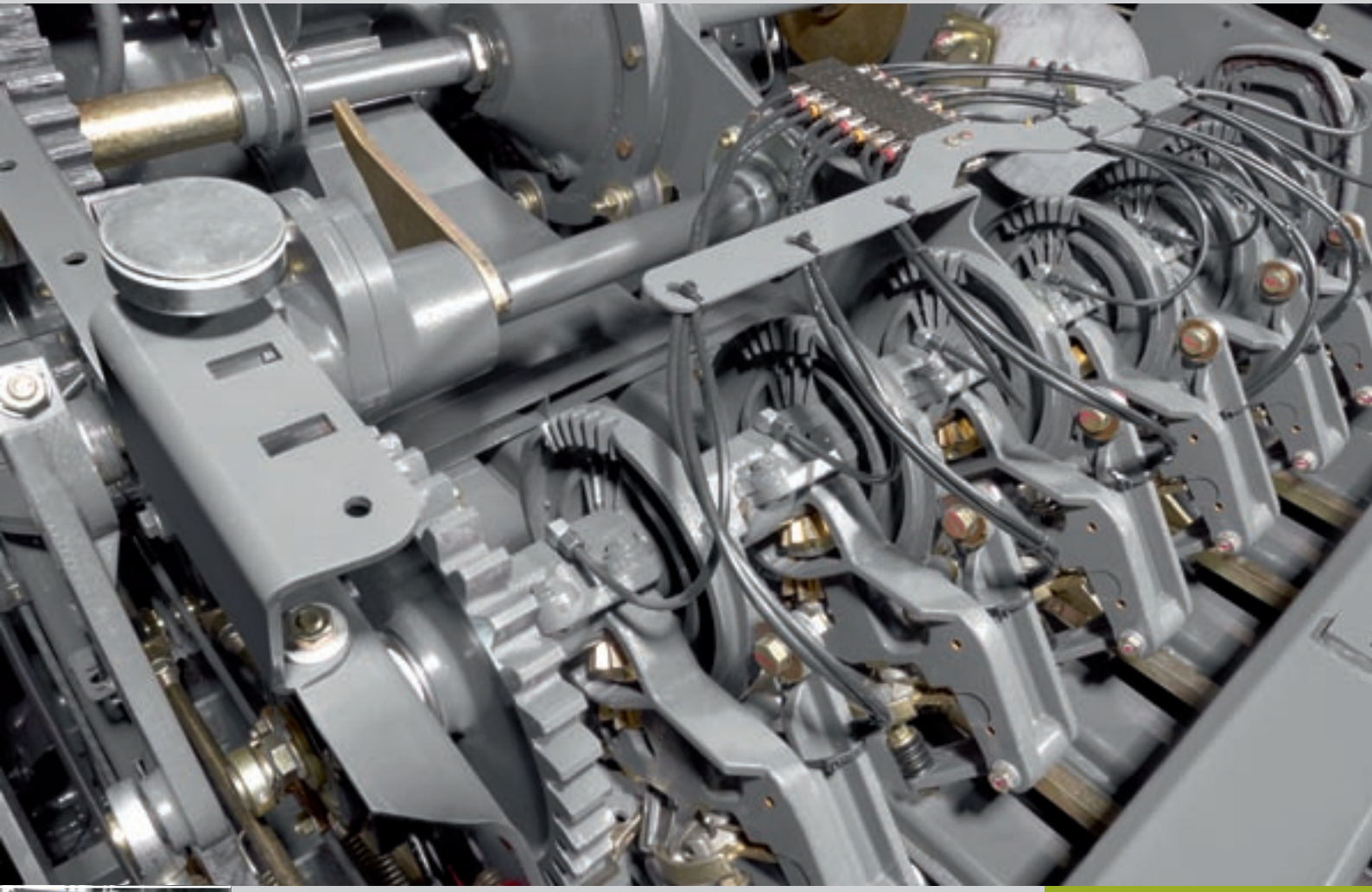
The knotters are driven directly from the main gearbox, ensuring constant synchronisation between the pistons and needles, and maintenance outlay is kept extremely low.

Outstanding knotter cleaning.

The TURBO FAN system cleans the knotter with a powerful and constant 140-km/h airflow.

Convenient and time-saving: the CLAAS COMMUNICATOR monitors twine progression automatically and keeps you informed regarding the tying process.

Unbeatable.



Four twine rollers per knotter tie together with no change necessary in between, saving time.

Six CLAAS high-performance knotters

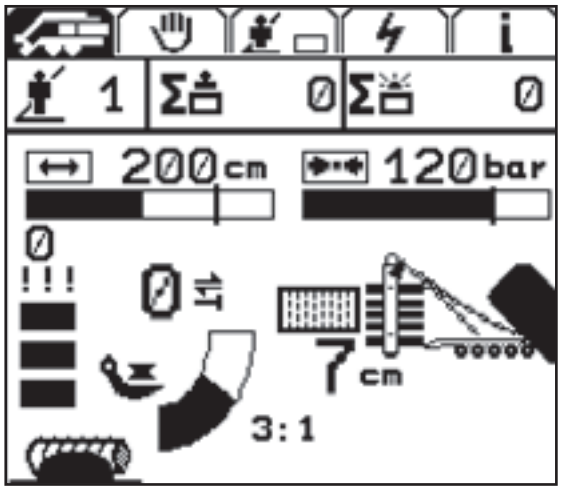
Fundamentals in focus.

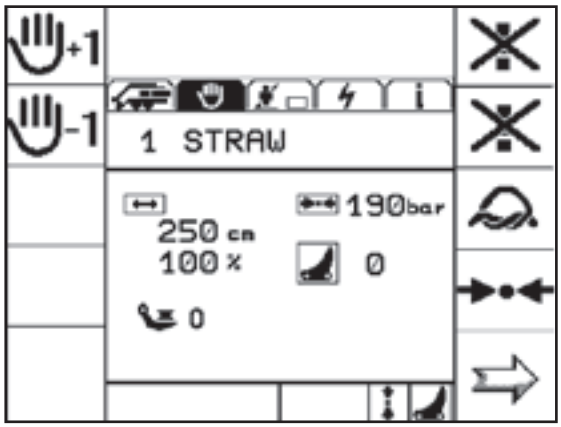
The QUADRANT 3300 is also equipped with the CLAAS COMMUNICATOR with large, clearly laid-out display and new ISOBUS technology.

There are 20 job memories available for professional job data collection. They record the bale count, the total length and the average bale length for each customer, giving you all the information you need for accurate invoicing.

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 a button is all it takes to access five menus with which, for example, you can:

- Determine pre-chamber compaction pressure and bale length
- Activate and deactivate the pre-chamber control





It couldn't be more convenient.

Two new functions have been added to the menu navigation in the QUADRANT 3300.

Information about the feed rake load is communicated to the driver via the task menu of the CLAAS COMMUNICATOR. The rotor and feed rake are protected via a clutch, which immediately and automatically stops the rotor in the event of loads above 200 bar. This prevents potential overload and allows the driver to push the baler to the limit without the risk of bringing the baler to a standstill through blockage.

You also have the option of programming nine individual advance settings (name, bale length, pre-chamber configuration, pressure) retrievable at the push of a button.


Powerful technology.
High throughput.

Over 90 years of experience in baler design have gone into the QUADRANT. It boasts the highest throughput in hay and straw in its class, and even displays its strengths in dealing with the tough silage. The QUADRANT 3200 is an all-round, full comfort machine for contractors.

QUADRANT 3200

Simply unrivalled.

CLAAS QUADRANT customers have every opportunity to tailor the baling configuration to meet their needs. Uncut, 45 mm, 20 mm or chopped – CLAAS is the only provider to offer you the full range of possibilities.

ROTO FEED – the economic alternative.

CLAAS offers the QUADRANT with ROTO FEED without knives for farms that seek to keep their crop uncut and which use their straw as bedding for stables. The special feature: CLAAS QUADRANT balers do not use a conventional feed rake in transporting the crop to the bale chamber, but instead the same high-performance rotor as used in all QUADRANT machines with chopping system.

ROTO CUT – 25-knife chopping rotor.

The CLAAS ROTO CUT system works to an extremely high chopping frequency and facilitates chop lengths of 45 mm. The spirally arranged dual tine rows of the aggressive rotor pick up the crop with no losses. Original CLAAS knives with an extremely long and aggressive cutting edge chop the crop into precisely cut slices for an ideal silage quality.

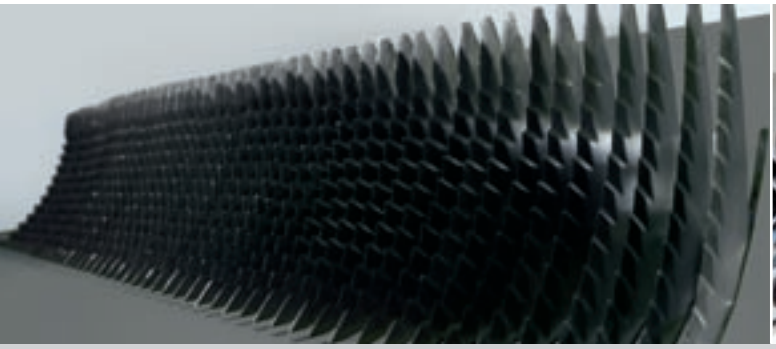
FINE CUT – 49-blade fine chop.

The FINE CUT 49-blade chopper housing opens up entirely new dimensions of straw and cutting quality. The increased chopping frequency of over 35,000 cuts increases throughput and also brings consistency to the chopping process.

SPECIAL CUT – 180 blades on the go.

The Krassort SPECIAL CUT straw chopper is an integral part of the QUADRANT 3200 and 2200 RC ADVANTAGE crop flow concept.

Nine rows of knives chop the crop at 3,030 rpm to an especially short length in a fuel-efficient pull-through action. The 90 spirally arranged chopper blades with two-stage pivoting shear bars each equipped with 45 knives work to a theoretical chop length of 15 mm. In conjunction with the unique PFS of the QUADRANT, the material is actively conveyed and dust accumulation reduced.



The highest bale density, perfect bale shape and maximum throughput – these are the qualities that have given CLAAS QUADRANT balers the top market position for years. Today, the QUADRANT's rock-hard 120 x 70-cm bales are the benchmark for professional straw handling and silage harvesting.

The CLAAS ROTO CUT chopping system enables chopping lengths of 45 mm with an outstanding chop quality. The rotor speed increase of 30 percent allows for a further 4,000 chops per minute.

The QUADRANT 3200 builds on all of the features of its predecessors and then takes these one step further. Like the QUADRANT 3400 and 3300, it features an additional hydraulically controlled pre-chamber, which it uses to produce perfect, highly compacted bales in all conditions. This makes the QUADRANT 3200 the ideal choice for silage collection, since only densely packed silage has the qualities that are required in efficient modern dairy operations.

The machine is equipped with a floor that can be hydraulically lowered. In the case of overload, it automatically lowers and enables the rotor to restart by itself. Blockages can thus be conveniently cleared without having to leave the tractor cab.

Top performance in silage.

Two options for extra driving comfort: the tandem axle (up to 40 km/h) and the steered tandem axle (up to 60 km/h) both improve the smoothness of travel and reduce ground pressure. Tyre sizes up to 22.5 inches spread the weight over a large area, resulting in minimal ground damage.

Perfect in hay, straw and silage


2200
QUADRANT

Custom engineered.

With the QUADRANT 2200 ADVANTAGE and QUADRANT 2200 RC ADVANTAGE, CLAAS introduces an entirely new approach. Choose how you equip your QUADRANT to suit your own needs.

QUADRANT 2200
ADVANTAGE

The right machine for every application.

QUADRANT 2200 ADVANTAGE.

The new QUADRANT ADVANTAGE stands out for its ability to make rock-hard and securely tied bales, while being easy to equip and offering great value for money. It can be customised to manage even the largest crop quantities. Tailor the QUADRANT to your exact requirements using a range of modular add-ons.

Pick-up.
Three different pick-up versions neatly collect the crop – regardless of whether it's short hay, wet silage or straw:
- Pick-up with crop guard
- Pick-up with double-roller crop press
- Pick-up with double-roller crop press and POWER FEEDING SYSTEM

Crop feed.
The QUADRANT ADVANTAGE is available as a ROTO FEED machine or as a ROTO CUT machine with a 25-blade cutterbar.

Bale ejection.
One of three different bale chutes guide the square bales safely to the ground.
- Depositing chute
- Mechanically folding roller bale chute
- Hydraulically folding roller bale chute with ejector

Operation.
The CLAAS MEDIUM TERMINAL, fitted as standard on ROTO CUT machines and optionally available for ROTO FEED machines, keeps you constantly in the know during baling operations.

Additional options.
- Moisture sensor to indicate the material moisture content for configuring the right baling pressure
- Bale deposit sensor
- Roller bale chute position sensor
- The turbo guard prevents the crop from slipping back into the baling chamber when operating in short crops and ensures an ideal bale shape even in small or irregular swaths

The Krassort SPECIAL CUT straw chopper is an integral part of the QUADRANT 2200 RC ADVANTAGE crop flow concept. A total of 180 knives chop the crop to a particularly short length in a fuel-efficient pull-through action.

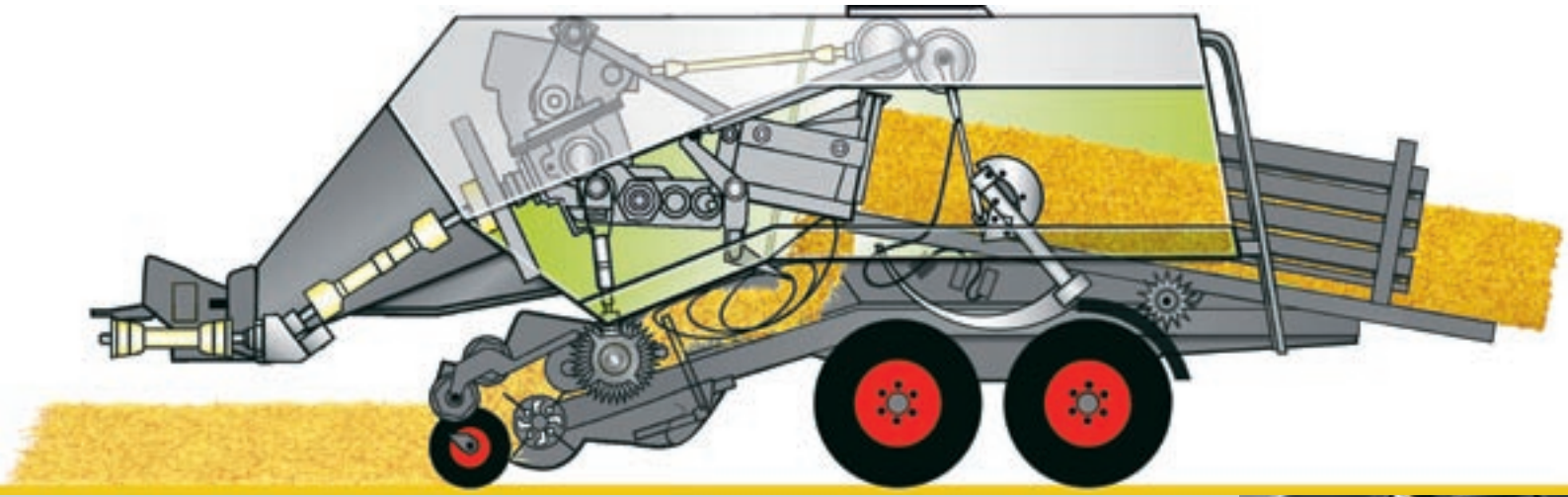
A winner: the main gearbox.

The same main gearbox as in the QUADRANT 3200 gives 20 percent more power transfer. This increases the machine's throughput while also ensuring effective power transfer.

The sturdy components that typify the QUADRANT design have also been fitted to the new QUADRANT ADVANTAGE. They ensure high efficiency and a long service life.

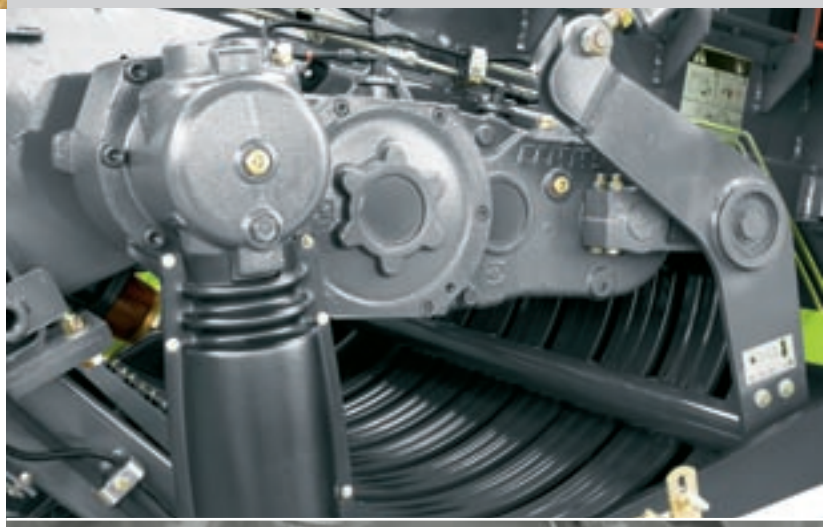
Our efficiency: second to none.

The design ensures outstanding efficiency by transmitting all power along short, straight lines and by using a very large flywheel – that means low energy consumption per tonne of crop.



Typically outstanding CLAAS quality.
The QUADRANT ADVANTAGE is supplied with hydraulic oil via the oil pump at the gearbox input. Functions such as enlarging the chopper housing, activating the roll chute or the parking jack are all hydraulically actuated via the tractor spool valve.

Total reliability.



Setting trends: the drive train.

- High speeds and low torque
- Maintenance-free drives and clutches operating in an oil bath
- Maintenance-free, 3-phase CLAAS-style feed raking
- The minimal number of moving parts ensures maximum reliability

Unique to CLAAS: the interactive safeguard feature.

The feed rake and rotor are fitted with separate, automatic overload protection features. Whenever the packer tine clutch engages, the rotor clutch is disconnected automatically. If necessary, the chopper housing can be lowered via the tractor hydraulics.

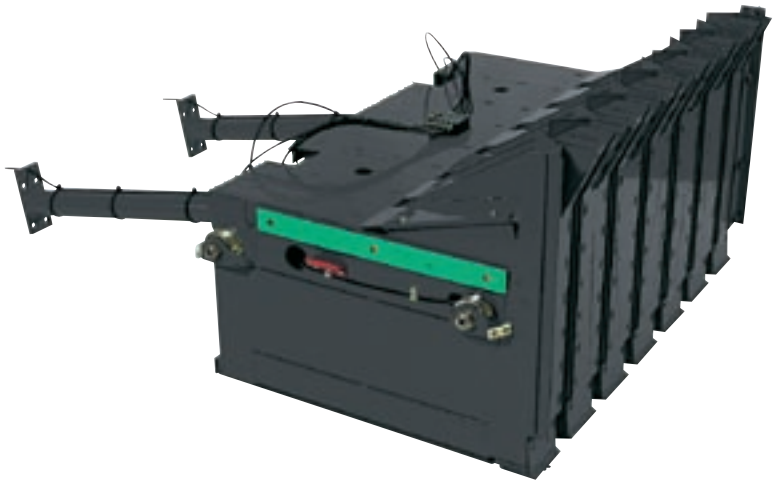
This means the QUADRANT will never be brought to a standstill by blockages. You can quickly clear crop jams from the comfort of the tractor seat.

Maintenance-free for peace of mind. High-quality overload clutches immersed in an oil bath conveniently protect the QUADRANT against overload.

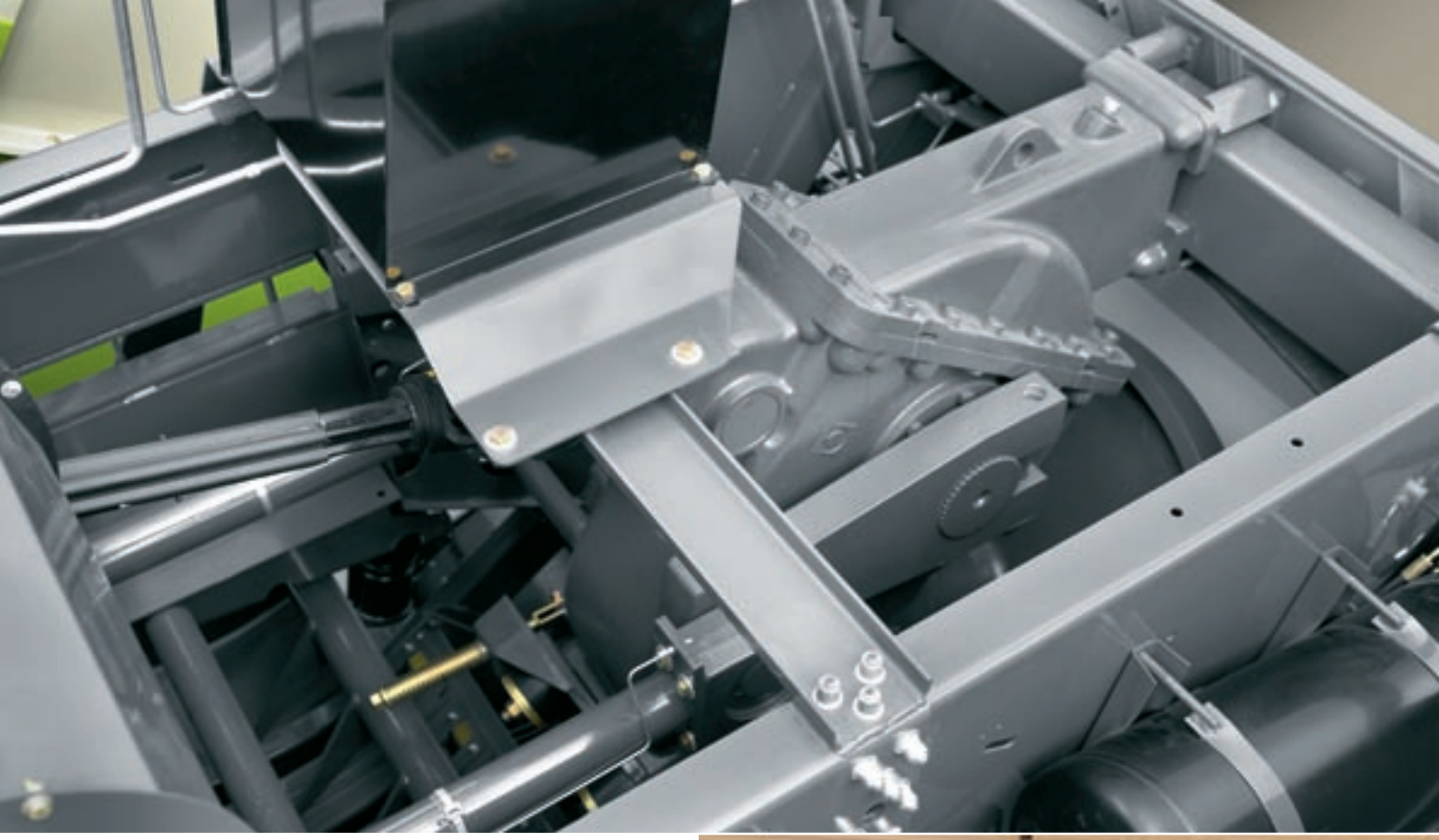
Rock-hard compaction.

Guaranteed high bale density.

A total of 51 ram strokes per minute have a visible effect – it's obvious that thin slices are easier to compress, guaranteeing rock-hard bales. With a chamber length of 3.0 metres, CLAAS balers provide more frictional resistance in the bale chamber. This means super-tight bales even at high throughput rates. A major advantage, particularly when working with industrial straw.



Reliable compression. CLAAS quality through and through. The heavy roller-mounted ram is guided securely on the hardened tracks. Special cleaners keep the contact faces clean.



Higher throughput guaranteed.

A higher bale density leads to more tonnes produced every hour. The QUADRANT has a very large main gearbox with bevel gears to transmit the baling force onto the heavy pressure plate via two strong piston rods. Some 51 piston strokes per minute and hydraulic pressure applied from three sides ensure that the bales are evenly and highly compressed with more kilograms per cubic metre. You end up with fewer, much denser bales per hectare, which is beneficial in terms of quick field clearance and reduced storage space.

Even greater baling pressure available as an option.

Mechanical adjustment of the lower tailgate in the bale chamber via an eccentric cam enables even greater force to be exerted on the crop. The high baling pressure and the perfect crop flow mean that the QUADRANT delivers evenly formed, rock-hard bales every time.

User-friendly alternative: the CLAAS MEDIUM TERMINAL.

Having to climb down from the cab too often not only curbs your enthusiasm for work, but also decreases your daily output. For this reason, we've made sure that you can monitor the critical settings of the QUADRANT from the comfort of the cab.

You'll never lose track of your progress with the integrated control terminal.

- Baling pressure display
- Integrated bale counter informs you of the bale total achieved and the number of bales per customer
- Error symbols for overload on feed rake and rotor, twine breakage or twine end

The CLAAS MEDIUM TERMINAL (CMT) also facilitates the following additional functions:

- Moisture content sensor
- Bale drop sensor
- Bale ramp position sensor

The CMT enables you to control the opening and closing of the chopper housing and the swinging in and out of the knives via a pre-selection function and actuation of the dual-acting spool valve.

The full picture.

Well informed at all times.

A dual-acting hydraulic ram controlled from the tractor cab places even more pressure on the crop via an eccentric cam.

The large-size pressure-gauge dial informs the driver about bale density at a glance.

An optical warning signal at the front of the machine indicates critical rotor and packer tine speeds or twine errors.

Every bale at just the length you want it.

The star wheel reliably measures the bale length and ensures uniform measurements.

Improved comfort – reduced outlay.

The QUADRANT large square baler offers you incredible performance in the field and all the attributes of a CLAAS machine: minimal maintenance and maximum operational reliability.

Operation
Maintenance
Service

Save time with a self-lubricating machine.

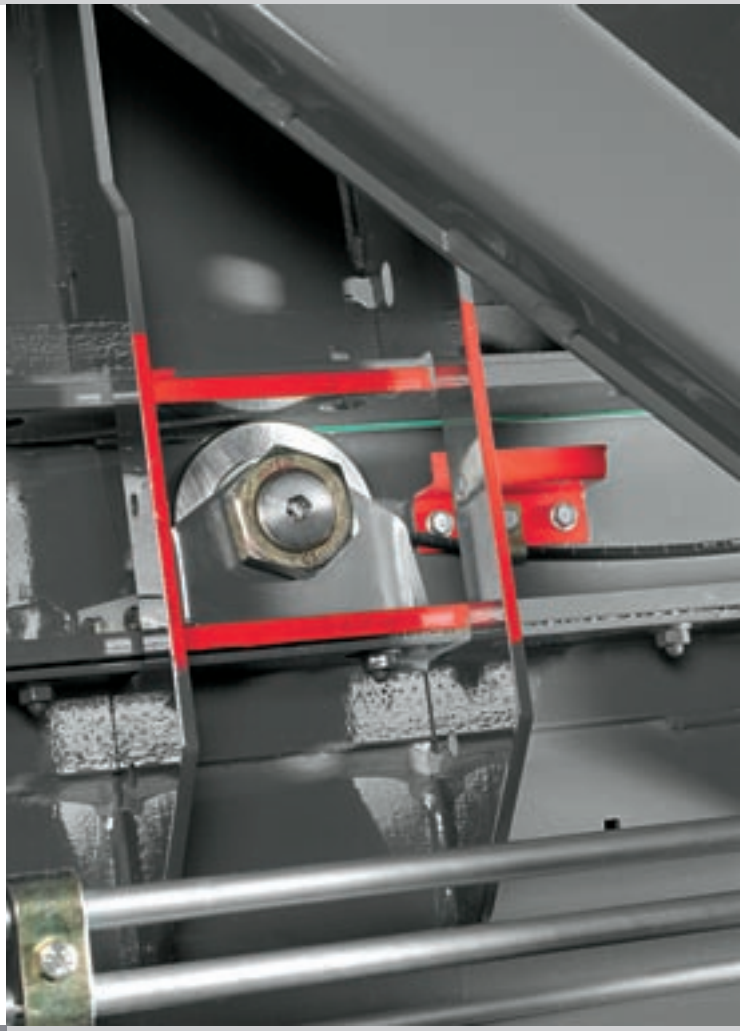
In principle, we could skip the topic of maintenance because it simply isn't an issue for QUADRANT owners. The long life and reliability of our balers is legendary.

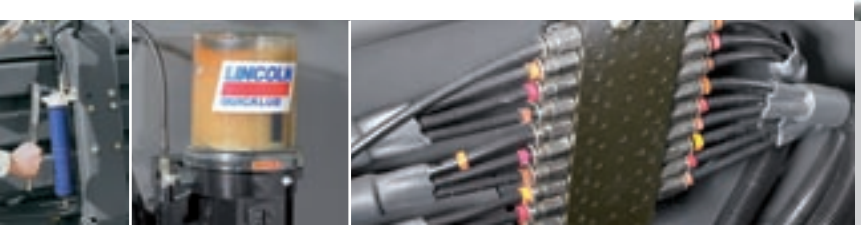
In the QUADRANT 3400, 3300 and 3200, everything is designed either to be easy to maintain or to require no maintenance at all.

- All important lubrication points have continuous central grease lubrication
- Drives and overload clutches operate in an oil bath
- The hydraulically controlled packer tines are entirely maintenance-free
- The drive has only a minimal number of moving parts

The QUADRANT 2200 ADVANTAGE is equipped for solid, continuous operations.

- Manual lubrication
- The optional central lubrication reliably supplies all main lubrication points, whenever you wish
- The optional automatic and continuous central grease lubrication supplies 45 lubrication points, available with or without CMT





Exclusive to CLAAS: the steered tandem axle is also supplied via the central lubrication.

Wide is good.

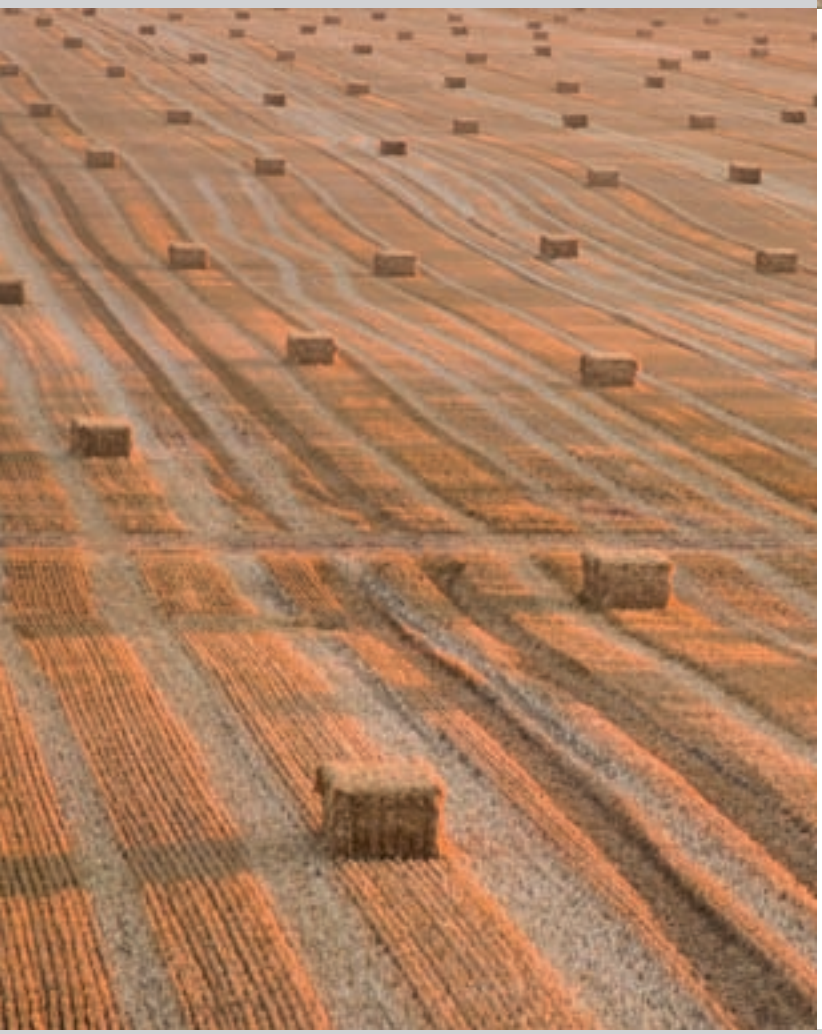
Various axles are available for the QUADRANT with a selection of large tyres for minimal ground pressure, optimal turf protection and excellent smooth running. Both variants provide a massive footprint to minimise damaging ground pressure, even on very light or wet soil.

QUADRANT 3400:
- Tandem axle with 500-mm tyres, 20.0 inches as standard
- Steered tandem axle with 620-mm tyres, 22.5 inches or 26.5 inches optional
- Steered tandem axle with 710-mm tyres, 26.5 inches optional

QUADRANT 3300:
- Single axle with 710-mm tyres, 22.5 inches as standard
- Tandem axle with 500-mm tyres, 20.0 inches optional
- Steered tandem axle with 620-mm tyres, 22.5 inches optional

QUADRANT 3200 and 2200 ADVANTAGE:
- Single axle with 600-mm tyres, 22.5 inches as standard
- Single axle with 700-mm tyres, 22.5 inches optional
- Tandem axle with 500-mm tyres, 20.0 inches optional
- Tandem axle with 520-mm tyres, 17 inches optional
- Steered tandem axle with 500-mm tyres, 20 inches optional
- Steered tandem axle with 620-mm tyres, 22.5 inches optional

Maximum energy with minimum fuel consumption.



The QUADRANT 3400 large square baler delivers maximum throughput, caters to the widest range of crops and ensures maximum operational reliability, together with low fuel consumption per tonne.

How you benefit.

You can concentrate entirely on the job you earn your living by – baling, baling, and more baling – and not just hay, straw or silage, but also renewable raw materials such as hemp or miscanthus.

The QUADRANT 3400 opens up completely new areas of use and sources of income. Farmers and farm contractors can make economical use of their baler all year round.

"Maximum capacity utilisation per annum pays off. After the straw harvest, you put it to work in the hemp – not into the barn."

The large rotor picks up thick-stemmed crops with ease, and the large-sized packer tines fling the material at very high velocity into the bale chamber.

The CLAAS high-performance knotter ties bales quickly and without the unwanted twine waste that other knotting systems leave behind. This has advantages not only in terms of livestock, but also for combustion and industrial use of bales, ensuring that synthetic residue is not burned or reprocessed together with the crop material.

Suitable for a wide range of crops

How you benefit.

Just as with the QUADRANT 3400, you can work efficiently all year round with the 3200 model too. The machine efficiently bales renewable materials such as hemp and miscanthus in addition to hay, straw and silage, opening up all-new income opportunities for farmers and contractors alike.

For miscanthus, it's harvest time all year round.

Miscanthus is a plant which was originally grown in Africa and East Asia. It's becoming more important in Europe, thanks to its high calorific value and carbon neutrality. It can be used as a renewable source of biomass, fuel or construction material.

For the contractor, this robust grass offers attractive opportunities to significantly extend the harvest time. Since miscanthus can be grown all year round, it creates an additional harvest period from winter to spring.

Farmers and contractors who decide to take up the challenge of growing miscanthus can turn the QUADRANT 3200 into a baler for economic year-round operation. With standard heavy-duty configuration, the QUADRANT 3200 is the right choice for miscanthus: it's been beefed up to ensure a steady flow of dense and rigid bales in this rough crop with an end product that stays in shape right up to the point of use.

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

During the harvest, every minute counts. Downtime costs money and must be avoided as much as possible. If the worst comes to the worst, you can be sure that we will supply your balers with the spare parts you need round the clock.

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.

FIRST CLAAS SERVICE® Teams.

The people behind the technology are just as important as the equipment itself. Our FIRST CLAAS SERVICE® teams are there for you whenever you need them. They know your baler from the inside out, are highly trained, equipped with the proper tools and are familiar with how you work. For them, service readiness means not looking at the clock when there is a need, but driving out and helping. And only knocking off work once you've knocked off. Not a minute sooner – and during harvest time, not at all.

CLAAS uses diagnostics systems that allow for rapid troubleshooting and machine function updates directly in the field.

QUADRANT 2200 ADVANTAGE

51 ram strokes per minute

Interactive protection between feed rake and rotor

6 high-performance knotters with TURBO FAN knotter cleaning

Visual and acoustic early warning system

Bale chamber 120 x 70 cm, length 3.00 m

Maintenance-free, 3-phase CLAAS-style feed raking

Single axle or tandem axle

QUADRANT 3200

Hydraulically controlled and connectable pre-chamber, configurable from the cab

6 high-performance knotters with TURBO FAN knotter cleaning

51 ram strokes per minute

Bale chamber 120 x 70 cm, length 3.00 m

Pre-chamber control adjustable from the cab

CLAAS COMMUNICATOR with ISOBUS technology

Single axle, tandem axle or steered tandem axle

Double-roller crop press with POWER FEEDING SYSTEM

Packer-tine control adjustable in three stages

ROTO CUT: 25-blade cutting rotor made of double-hardened boron steel

Drop floor for blockage clearance for QUADRANT 3200 FC and RC

QUADRANT 3300

Electronic monitoring of packer tines

Hydraulically controlled and connectable pre-chamber, configurable from the cab

Straight-line drive with outstanding efficiency

Interactive rotor
and feed rake protection

CLAAS COMMUNICATOR with new
ISOBUS technology

2.35-m pick-up with double-roller crop press and
friction clutch

New rotor shape for high throughput with
equally high material protection

Plenty of muscle with six swivel-mounted CLAAS high-performance knotters

TURBO FAN knotter cleaning

Maintenance made simple

46 ram strokes per minute

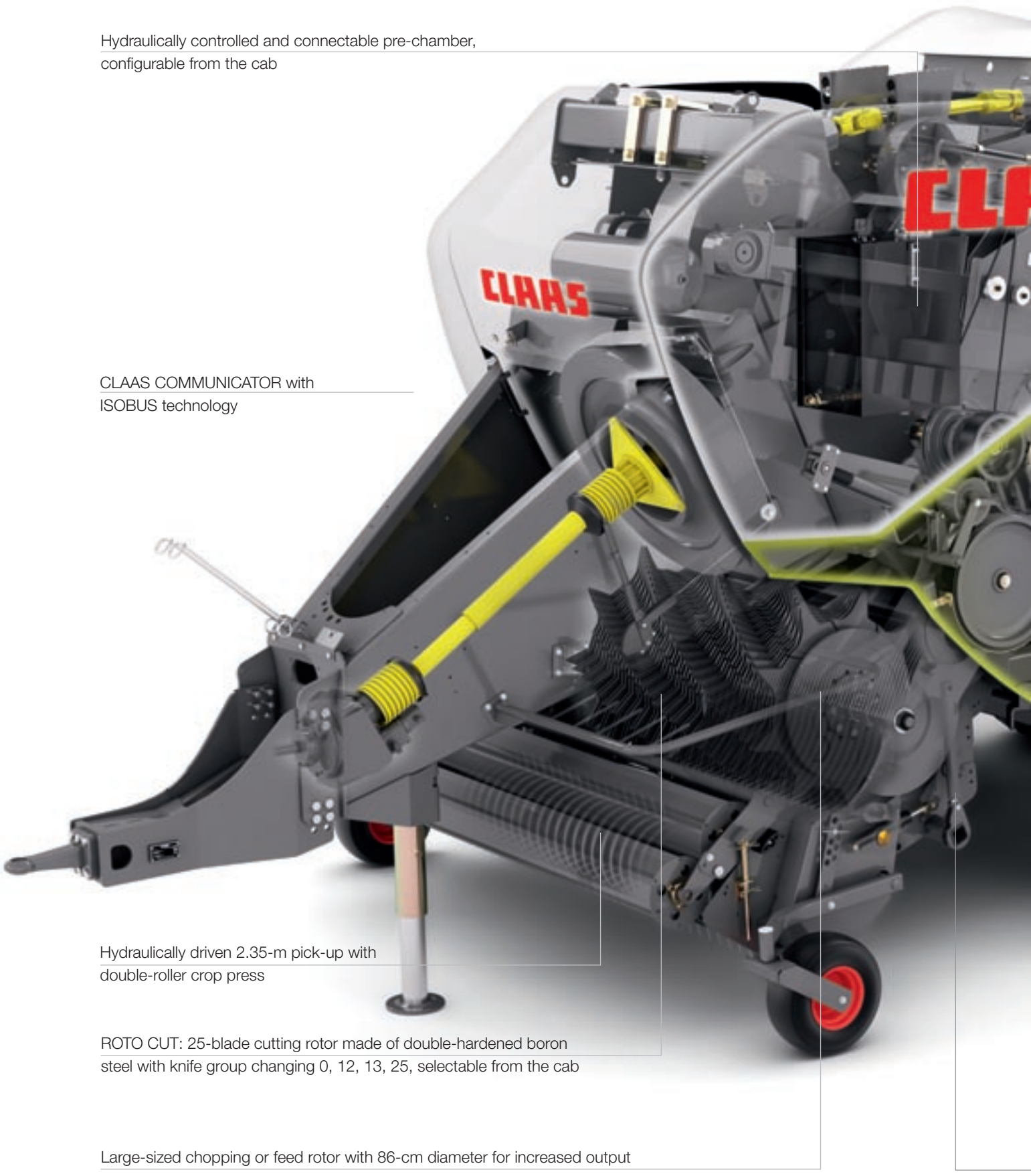
Bale chamber 120 x 90 cm, length 3.00 m

Three different axles:
Single axle 710/40 R 22.5
Fixed tandem axle 500/55 R 20.0
Steered tandem axle 620/50 R 22.5

QUADRANT 3400

Hydraulically controlled and connectable pre-chamber, configurable from the cab

CLAAS COMMUNICATOR with ISOBUS technology



Hydraulically driven 2.35-m pick-up with double-roller crop press

ROTO CUT: 25-blade cutting rotor made of double-hardened boron steel with knife group changing 0, 12, 13, 25, selectable from the cab

Large-sized chopping or feed rotor with 86-cm diameter for increased output

Plenty of muscle with 6 swivel-mounted CLAAS high-performance knotters

TURBO FAN

Bale chamber 120 x 100 cm, length 3.00 m

Tandem axle or steered tandem axle

Packer-tine control adjustable in four stages

Drop floor for blockage clearance

QUADRANT

		3400 RF / RC	3300 RF
Hitching			
PTO shaft speed	rpm	1000	1000
Hydraulic jack		●	●
Ball hitch		○	○
Pick-up			
Width	m	2.35	2.35
DIN raking width	m	2.15	2.15
Number of tine bars		4	4
Ground tracking via two oscillating pick-up castor guide wheels		●	●
Hydraulic connection*		2 single-acting and 1 open return line	2 single-acting and 1 open return line
Crop feed			
Rotor		ROTO FEED / ROTO CUT	ROTO FEED
Number of knives		– / 25 (0, 12, 13, 25)	–
Two-phase packer tines		●	●
Switchable pre-chamber (adjustable)		0–4	Automatic, small swath, large swath
Bale chamber			
Ram strokes	rpm	46	46
Max. baling pressure	bar	200	200
Bale ejector		●	●
Bale deposit sensor		○	○
Moisture sensor		○	○
Bale chamber dimensions			
Length	m	3.00	3.00
Width	m	1.20	1.20
Height	m	1.00	0.90
Bale length	m	0.50 to 3.00	0.50 to 3.00
Control terminal			
CLAAS COMMUNICATOR		●	●
Wrapping and tying			
Number of knotters		6	6
Number of twine reels in the twine box		24 x 11.5 kg	24 x 11.5 kg
TURBO FAN Knotter cleaning		●	●
Axles and tyres			
Single axle		–	710/40 R 22.5 (●)
Tandem axle		500/55 R 20 (●)	500/55 R 20 (○)
Steered tandem axle		620/50 R 22.5 (○)	620/50 R 22.5 (○)
		620/55 R 26.5 (○)	
		710/50 R 26.5 (>3.00 m) (○)	
Dimensions and weights			
Width	m	2.97–2.99	2.76–2.98
Height	m	3.37–3.39	3.36–3.42
Weight (tandem axle)	kg	12,560 / 12,860	10,860

● Standard ○ Optional – Not available

* Additional 1 x single-acting for steered tandem axle

QUADRANT 2200 ADVANTAGE options: manual or automatic central lubrication, turbo guard

QUADRANT

		3200 RF / RC / FC	2200 RF / RC ADVANTAGE
Hitching			
PTO shaft speed	rpm	1000	1000
Hydraulic jack		●	●
Ball hitch		○	○
Pick-up			
Width	m	2.10	2.10
DIN raking width	m	1.90	1.90
Number of tine bars		4	4
Ground tracking via two oscillating pick-up castor guide wheels		●	●
Hydraulic connection*		2 single-acting and 1 open return line	1 dual-acting and 1 single-acting
Crop feed			
Rotor		ROTO FEED / ROTO CUT/FINE CUT	ROTO FEED / ROTO CUT
Number of knives		– / 25 (0, 6, 13, 25) / 49	– / 25 (0, 6, 13, 25)
Phase packer tines		2 ●	3 ●
Switchable pre-chamber (adjustable)		Automatic, small swath, large swath	–
Bale chamber			
Ram strokes	rpm	51	51
Max. baling pressure	bar	200	200
Bale ejector		●	○
Bale deposit sensor		○	○ (only with CMT)
Moisture sensor		○	○ (only with CMT)
Bale chamber dimensions			
Length	m	3.00	3.00
Width	m	1.20	1.20
Height	m	0.70	0.70
Bale length	m	0.50 to 3.00	0.50 to 3.00
Control terminal		CLAAS COMMUNICATOR	CMT (○) / CMT (●)
Wrapping and tying			
Number of knotters		6	6
Number of twine reels in the twine box		24 x 11.5 kg	24 x 11.0 kg
TURBO FAN Knotter cleaning		●	●
Bale drop onto field			
Depositing chute		●	● / –
Mechanically folding roller bale chute		–	○ / ○
Hydraulically folding roller bale chute		○	○ / ●
Axles and tyres			
Single axle		600/50 R 22.5 (●)	600/50 R 22.5 (●)
		710/40 R 22.5 (○)	710/40 R 22.5 (○)
Tandem axle		520/50 R 17 (○)	520/50 R 17 (○)
		500/55 R 20 (○)	500/55 R 20 (○))
Steered tandem axle		500/55 R 20 (○)	–
		620/50 R 22.5 (○)	–
Dimensions and weights			
Width	m	2.52–3.00	2.52–2.96
Height	m	2.55–2.65	2.56–2.60
Weight (single axle)	kg	7970 / 8170 / 8220	6920

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