

# LELY WELGER

Fixed chamber balers



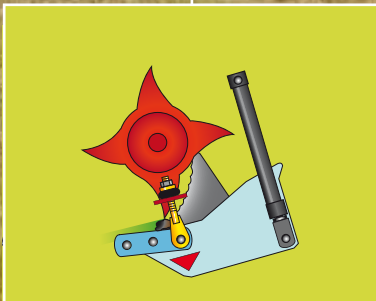
Cutting edge baler technology



[www.lely.com](http://www.lely.com)

*innovators in agriculture*

# It's a pleasure opening each new bale!



## Reliable throughput

Output is decided by the space that is available for the crop to flow into the machine. Blockages are avoided due to the Hydroflexcontrol system.



## Wide pick-up for maximum output

The 2.25 m, camless pick-up easily picks up wide swaths, even in sharp bends. The five tine bars ensure excellent crop pick-up as well as smooth crop intake eliminating any loss of crop.





#### High bale density every time

High bale density saves film as well as transport and storage costs. Mechanical locking of the baling chamber ensures exceptionally heavy, firm, consistent and evenly shaped bales.



## Gentle handling of the grass is essential for high grade forage

The proof that round bales make excellent quality silage, is the low ammonia content. Opening a fresh bale and breathing in the fresh smell indicates the outstanding quality of the silage.

Round balers provide the benefit that the crop is picked up, chopped, packed and consolidated by the wrapper which instantly seals in the quality. A good chopping mechanism makes packing the bale easier because the crop can be compacted more effectively thanks to the shorter stem length.



#### Special rollers for a long life span

The ten ribs of each roller are pressed into the thick-walled tube (3.2 mm) in a special production process. Each roller is constructed from seamless tube with a minimum number of welds ensuring unrivalled reliability.



#### Good chopping provides many benefits

A timely change of blades ensures an effective chopping action. Thanks to the Xtracut system the second bank of blades can be engaged from the tractor seat ensuring consistently high output.

# What you feed is what you get!



## Harvest results.

A million cows are milked daily by Lely robotic milking systems but it's not only the Astronaut that makes robotic milking such a success. It's the knowledge and experience of our employees that help farmers to achieve the best results with their herds.

That's why we know – more than anybody else – that good quality roughage is the basis of your success. It ensures good animal health, maximum fodder intake and avoids additional cost for concentrates and additives...

Your forage harvesting is the start for good and efficient milk and meat production.







## New pick-up for modern baler

The new free running pick-up of Lely Welger RP balers has been designed as a result of the increased output from these machines. Improved crop throughput to the bale chamber has eliminated the need for the specific movement of a conventional pick-up. With no cam track the pick-up consists of fewer moving parts. It is more reliable, less sensitive to wear, quiet and maintenance free.





## More tine bars – cleaner pick-up

Due to the additional space created through the absence of a cam track five tine bars are now fitted to the pick-up. Along with the 64 mm interspace of the tines this allows a 25% increase in pick-up capacity resulting in an even better and cleaner pick-up of the crop.

## New pick up – new tines

The tines are the most crucial part of a pick-up and therefore a completely new tine has been developed for the camless pick-up:

- The angle of the tine has been adjusted to ensure the cleanest possible crop pickup under all conditions.
- The longer tine is more flexible and features improved adaptation possibilities.
- The tine is made of material with a 5.60 mm thickness favouring tine life. Due to the larger coil, the tine remains flexible.
- Improved tine fixation prevents tine breakage as the tension within the material is more evenly spread.

## Closer to the rotor – improved crop throughput

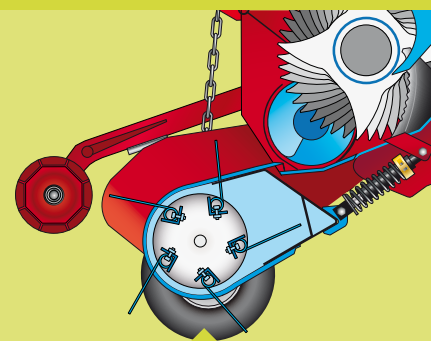
Due to its compact design the new pick-up is positioned closer to the rotor. This ensures an improved crop flow to the bale chamber, well shaped uniform bales and increased baling output.

## Wear-resistant and maintenance-free

Since the new free running pick-up does not have a cam track, the pick-up unit consists of fewer moving parts. This is more reliable, less sensitive to wear, quiet and maintenance-free. The result is clear to see; lower maintenance costs and a higher trade-in value!

### Strong tines

The Heavy Duty Tine of 5.60 mm is fitted as standard on the free running pick-up.



### No camtrack

The pick-up has a rotor with 5 fixed tine bars and therefore fewer moving parts.



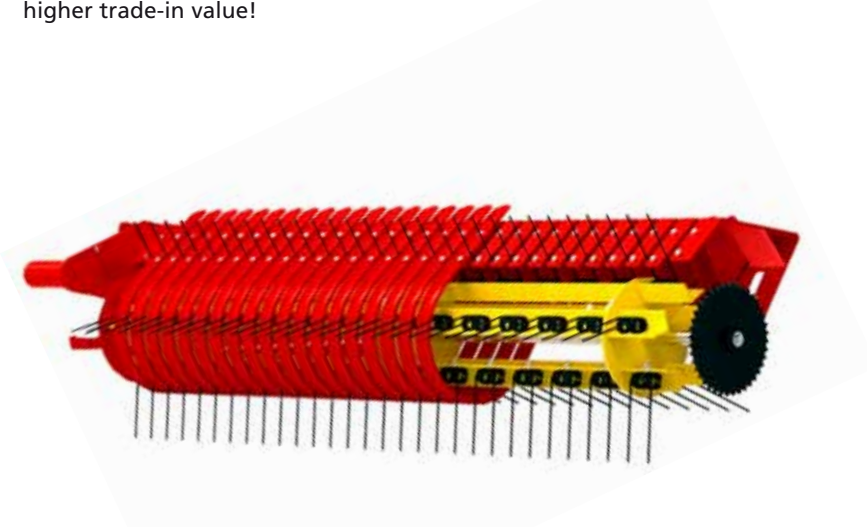
### Closer to the rotor

Due to its more compact design the new pickup is closer to the rotor.



### Crop press roller

The Crop press roller is reinforced to avoid damage when it is raised by the crop flow.





## Chopping silage improves your results in many ways

Lely Welger offers many options when choosing a chopping system for your baler. Initially this may seem like an additional investment but chopping the crop will help improve the quality of your forage and thereby your results in so many ways that you actually need more reasons not to choose one.



## Chopping for higher density bales

Chopped hay, straw and silage crops are much easier to bale due to the reduced length and easier compaction of the forage. This ensures heavy dense bales are produced leading to a reduction in handling, transport and twine/net tying costs.



## Chopping to improve feed intake

Silage that has been cut well will ferment much better due to the sugars in the crop being readily available. This results in tastier fodder, which has a positive effect on the roughage intake of animals. In addition, short crops are generally digested better.



## Chopping saves time through easier distribution at feeding time

Chopping the crop will avoid the build up of material and prevent blockages on moving parts of diet feeders, forage boxes and straw choppers etc. Shorter material is also easier and faster to distribute.



## Xtracut – extra output and additional comfort

To ensure optimum performance when chopping, Lely Welger have designed the Xtracut<sup>17</sup> and Xtracut<sup>25</sup> chopping units with selectable knife banks. The operator can select from the E-link control box in the cab various knife bank selections when baling different crops, which is ideal for contractors. When the baler is equipped with a BCE control box, the groups are selected manually on the machine.



## Chopping lengths that can be easily adjusted

Both Xtracut versions have two sets of knife banks that are hydraulically protected. So on the Xtracut<sup>17</sup> you have an option of not chopping, or 8 or 9 or 17 knives engaged. With Xtracut<sup>25</sup> you have a choice of not chopping, or 12 or 13 or 25 knives engaged. For the Xtracut<sup>25</sup> this means a chopping length of 45 mm when all knives are engaged, or 90 mm when using 12 knives.



## Always sharp knives

Consistently sharp knives ensure proper chopping action and prevent excessive fuel consumption. The Xtracut option offers flexibility to the operator using one of the two banks of knives. When necessary the other bank of knives can be engaged in one simple operation from the tractor cab ensuring continuing high output with a new sharp set of knives.



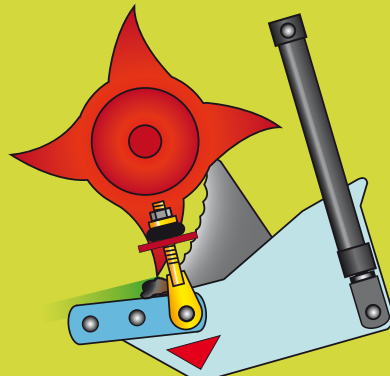
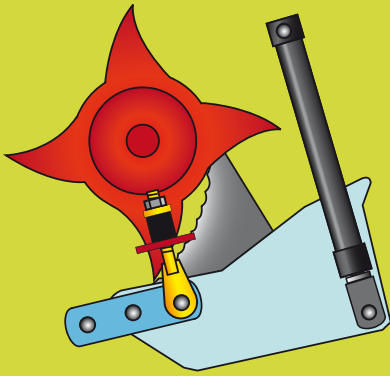




## Hydroflexcontrol – unique advantage

Quite often, time for harvesting is limited and sometimes operators overstep a balers limits in terms of overload capacity. These limits are determined by the space the crop has to flow through in the machine, which is decisive for its output. With balers, the space underneath the rotor is the critical factor. The Hydroflexcontrol anti blockage system increases this room in the case of a peak load, whilst at the same reducing downtime as a result of an incorrect forward speed or resolving a blockage.





## Flexcontrol + Hydroflex = increased baling output with less downtime

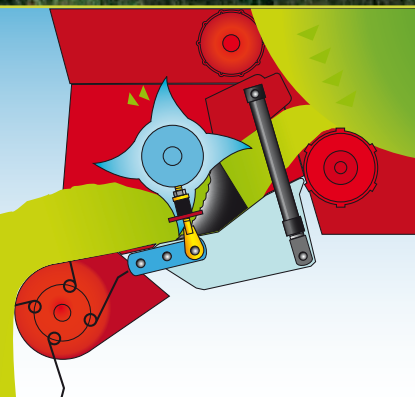
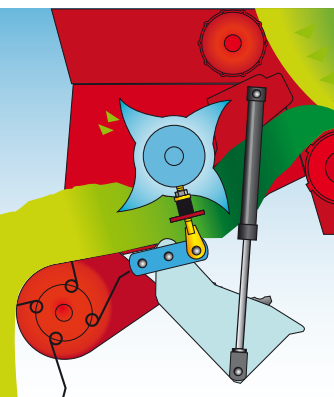
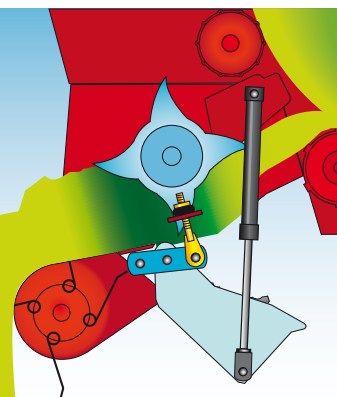
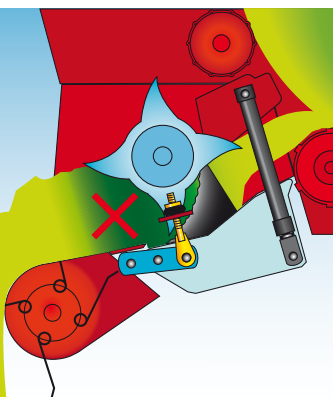
The two functions that are hidden in the name Hydroflexcontrol relate to the Hydroflex floor which is underneath the rotor. The flex part avoids blockages; the hydro part solves blockages as and when they may occur. All Lely Welger balers with a chopping unit can be fitted with the Hydroflexcontrol system.

## Flexible floor deals with peak loads

Flexcontrol is situated under the rotor where the feed passage is at its narrowest. It allows movement of the front part of the feed chamber floor to flex up and down via a rubber suspension unit – hence the word ‘flex’. If a small foreign object or a wet lump of material is picked up from the swath, this flexing action smoothes out the crop flow reducing the risk of blockages in the feed area.

## Dealing with blockages from the tractor cab

The second feature is the hydraulic stage, whereby the rear of the feed table floor can be lowered hydraulically from the tractor seat to clear the rotor of any blockage. When lowering the feed table floor the fact that all knives are also withdrawn ensures the blockage has passed into the bale chamber without any crop wastage before the operator re-engages the machine.



**Step 1**  
Blockage.

**Step 2**  
Feed table floor opens completely and knives are withdrawn.

**Step 3**  
Drive is engaged and blockage passes into the bale chamber.

**Step 4**  
Feed table floor is closed, proceed baling!



## Saving time and money...

Net/twine tying, wrapping, transport and storage are all costs associated with baling. Less bales means lower costs. The bale chamber of a Lely Welger round baler produces the heaviest bales in today's market place thus saving you time and money.





## Bale rotation and pressure are critical for bale density

The bale chamber which is fitted with 18 Powergrip steel rollers is critical for bale density. It is of paramount importance that all rollers keep a firm grip on the bale at all times. The number of bale rotations and the pressure exerted on the bale will directly influence final bale density. Therefore the bale chamber needs to have a perfect round shape and be fitted with rollers all around with the bare minimum of space between rollers to ensure maximum contact between the rollers and the bale. The mechanical tail gate locking system ensures that consistently sized bales with the highest density are produced every time.

## Powergrip – maximum grip ensuring maximum bale rotation

The 18 Powergrip steel rollers ensure the highest bale compaction and excellent baling performance and rotation under all operating conditions. In a special manufacturing process the ten longitudinal ribs on each roller are pressed into the thick walled 3.20 mm tube. With each roller being seamless, the material structure gives the rollers an unequalled strength and a lifetime that is truly unrivalled in the market place. This unique Powergrip design is a patented feature of Lely Welger round balers and enables the balers to work with all types of materials in virtually every condition.

## Mechanical tail gate locking system – perfectly closed ensuring maximum pressure

All Lely Welger round balers feature a mechanical tail gate locking system. Two heavy-duty hooks secure the tail gate once it is fully closed and ensure that it remains completely closed throughout the baling process. These hooks are linked up with high-grade rubber blocks which increase the pressure that the bale chamber exerts on the bale. Bale density is determined through accurate measuring of the position on the tail gate hooks.

This mechanical system can withstand the highest of pressure and it is not liable to the loss of pressure as in hydraulic systems. The result is evenly-sized, high density stable bales with little or no crop loss. Opening the tailgate goes fast and is very easy as only a single-acting hydraulic connection is required for opening the tail gate.

### Roller bearings with 'self-cleaning effect'

Any intruding material is discharged through slots in the side wall of the roller chamber.

### E-link

Bale density can be easily adjusted from the tractor cab with the E-link handset.



### Permanent tail gate guide

A special mandrel ensures that the tailgate always closes perfectly closed, even when operating on extreme slopes.





## Effective tying saves costs and time

Making a perfect bale is one thing – preserving the bale for a longer period of time is a different matter... A variety of methods for storing, preserving and feeding bales necessitates a flexible tying system. Correct use of tying material limits costs, reduces the time required for tying the bales which in turn increases output per hour.



## Varionet – for perfect bale coverage every time

We don't just accept high-density bales, they should also look good.

The Lely Varionet net wrapping system works perfectly with all standard net widths. Thanks to exhaustive testing, the well-proven tensioning system and a special net spreading device, the net wrap is consistently applied across the bale. Wide net wrap will even reach over the edges of the bale. This means that not only do the bales look great; they are also completely protected against bad weather conditions and crop losses. This process also eliminates any unnecessary air pockets thereby improving feed quality.

## Varionet wrapping with Easy Load System (ELS)

The well-proven net wrapping system has ELS which allows easier loading of the net roll from ground level from the left-hand side of the machine. After loading the new net roll is simply tipped backwards with the storage container, lifted into the operating position via the spindle and then locked into position. A spare net roll can then be located in the frame ready for use. It couldn't be any easier and will save you time and effort.

## Variotwin – secure, fast, economically viable

The unique feature of this twine tying system is the variable speed control. This device allows for a sufficient number of twine rotations at the bale edges, enabling the bale to be tied quickly and ensuring that the ends do not fall apart. In this way even the lightest of crops can be tied quickly and securely in a cost effective manner.

## Combination wrapping – double tying, double protection

All Lely Welger balers are designed to allow simultaneous twine and net-tying. This can result in up to 30% savings in wrapping material costs while in addition minimising crop losses.



The curved spreading tube conveys the net material up to and just around the edges of the bale.



Cost effective tying with the combined function.



# Lely Welger – experience and innovation result in the strongest and most reliable balers in today's market place

## Unique roller bearings eliminate undue wear and tear

'Flexibility' is key when it comes to absorbing major forces in various directions. By ensuring that the rollers and the bale chamber can move in respect of one another, a major axial load onto the bearings of the rollers is eliminated. For this reason, Lely Welger round balers use unique bearing housings. On the drive side the bearing housings fitted allow the bearings to move slightly so that aligning of the gears always remains intact. However on the non-drive side the bearings can move in their housings; thus, the movement of the bale chamber is absorbed. Consequently, the pressure that the bale exerts on the side walls of the chamber constitutes a very minimal axial-load for the bearings, which greatly increases their lifespan. Just like the bearing housing on the drive side, these special bearing housings can be fitted with a lubrication system ensuring a moving action even in the most aggressive and wettest of conditions.



## Roller lubrication – guaranteed performance and output

Wear and tear caused by adverse weather and working conditions while baling silage is most effectively counteracted through regular lubrication of the rollers. This is made easy with the centralised and easily accessible location of the greasing block for the rollers.



## Environmentally friendly chain lubrication

Small swaths and wet crops constitute the heaviest conditions for a baler's drive chains. The automatic chain lubrication system ensures that all baler drive chains are constantly lubricated with oil ensuring a long lifetime. The quantity of oil can be adjusted for each chain and brushes apply the oil directly on to the chain. The large capacity of the oil reservoir means oil does not have to be replenished on a regular basis.



## Powersplit – split power drive concept... designed for outstanding performance

Machines with a massive throughput need a drive system that is able to withstand the consequent high loads. The Powersplit transmission equally divides the amount of power required by the rotor and the bale chamber. This split drive train reduces the amount of horsepower required.





## Our experience can't be bought – that's why you get it for free!

You work with our machines in the great outdoors, an environment that is greatly influenced by the soil, weather and other external factors. New challenges are presented to machines every day. If you run into a problem it is essential that any breakdowns resulting from damaged parts are limited to an absolute minimum. It is for this reason that our dealers are geared up to respond rapidly, so that your activities can be resumed as soon as possible. They hold stocks of the most essential parts and have the expertise needed to get the machine in question performing optimally again. Furthermore, they can rely on the back-up of the Lely organisation seven days a week. So opting for Lely entails more than just choosing a machine. We ensure that your forage harvesting goes smoothly.













# Lely Welger

## RP 202

### Lely Welger RP 202

This is an ideal machine for medium sized operations. It is characterised by its simple operation and low horse power requirements, but feature many similarities to the Lely Welger RP 245. This is the ideal machine for all those who do not want to chop their crops. This model is available with either a 1.50 m wide pick-up ('Classic' model) or a 2 m wide pick-up ('Special' model).

#### TECHNICAL SPECIFICATIONS

WELGER	RP 202 Classic	RP 202 Special
Roll chamber diameter (m)	1.25	1.25
Roll chamber width (m)	1.23	1.23
Roll chamber volume (m³)	1.50	1.50
Pick-up width (m)	1.50	2.00
Pick-up rake width (m)	1.15	1.60
Dimensions L x W x H (m)	4.30 x 2.30 x 2.42	4.30 x 2.30 x 2.42

## RP 245

### Lely Welger RP 245

This new and comprehensive range of 1.25 m diameter fixed chamber balers offers a number of options from a standard chopper baler up to the Lely Welger Profi model for large scale silage operations and contractor use. There is a choice of three chopping units from 13 to 25 knives and the machine can be fitted with twine tying or net tying. The RP 245 Profi model is the baler with the highest specification in today's market place.

#### TECHNICAL SPECIFICATIONS

WELGER	RP 245	RP 245 Profi
Bale chamber diameter (m)	1.25	1.25
Roll chamber width (m)	1.23	1.23
Roll chamber volume up to approx. (m³)	1.50	1.50
Pick-up width (m)	2.25 / 2.00	2.25 / 2.00
Pick-up rake width (m)	1.86/1.60	1.86 / 1.60
Dimensions L x W x H (m)	4.98 x 2.32-2.70 x 2.76	4.98 x 2.32-2.70 x 2.76



## Lely Welger RP 202 – simple and robust balers for high-density bales

The Lely Welger RP 202 non chopper baler feeds the crop straight into the bale chamber ensuring a well formed high density bale. This range offers excellent possibilities to farmers or contractors who have no need for chopping but wish to make high-density bales. The option of fitting the machine with a wide pick-up ensures it is also suitable for the wide swaths of combine-harvesters.





## Lely Welger RP 202 Classic – the simplest baler for high performance

The first model of the Lely Welger RP 202 series can be rightly called a true Classic due to its 1.50 m wide pick-up and five tine rows. The pick-up feeds the crop directly and effortlessly into the bale chamber, eliminating the need for a rotor. The ample feed passage on the RP 202 Classic model ensures excellent performance, even when working in heavy crops.

The basic model can be upgraded with various options including additional pick-up wheels, a short crop plate, oil lubrication for chains plus a choice of wheels to suit individual requirements.

- 1.50 m pick-up.
- Bale chamber with 18 rollers.
- Balercontrol E.
- Mechanical tail gate locking system.
- Self-cleaning bearing housing.

## Lely Welger RP 202 Special – simple design with wide pick-up

Due to its 2 m wide pick-up, the Lely Welger RP 202 Special model is the ideal machine for baling all materials in wide swaths. Effective machine support and ground contour following ensure clean pick-up of crops. This baler is also fitted with a 1.25 m diameter bale chamber and 18 rollers. By fitting this machine with twine and net tying this simple yet strong and reliable baler becomes even more versatile.

## High output due to massive crop throughput

The feed rotor on this machine plus two heavy-duty augers on the pick-up ensure a good and steady flow of crop from the wide pick-up to the bale chamber. Due to the use of high-grade material, the open star-shaped rotor can cope with any foreign objects.



2 m wide pick-up, suitable for wide swaths.



Large feed rotor for optimum throughput.

### Balercontrol E – anything a user may need

The Balercontrol E unit is a simple yet highly efficient system that informs the operator as soon as the bale has reached its correct density. Thereafter, the operator can choose a set up for automatic or manual start of tying. Bale density is adjusted on the baler itself. The Balercontrol E unit also indicates the number of bales produced per day as well as the total bale count.



### Robust and reliable

The Special model is fitted with the constant chain lubrication system ensuring durability even in the heaviest of conditions. As standard, the roller bearings on the drive side feature central lubrication. If operating under exceptionally heavy conditions, the baler can also be fitted with a central lubrication point for all roller bearings.

- 2 m pick-up.
- Star-shaped feed rotor.
- Automatic chain lubrication system.
- Bale chamber with 18 rollers.
- Balercontrol E.
- Mechanical tail gate locking system.
- Self-cleaning bearing housings.



## Technical specifications

WELGER	RP 202 Classic	RP 202 Special
Roll chamber diameter (m)	1.25	
Roll chamber width (m)	1.23	
Roll chamber volume (m³)	1.50	
Tying material sisal twine running length (m/kg)	200 or 330	
Tying material plastic twine running length (m/kg)	400-700	
Tying material net running length (m)	2,000 or 3,000	
Tying material width (m)	1.23 or 1.30	
Tying material consumption/bales/twine (m)	47-120	
Tying material consumption/bales/net approx. (m)	10	
Pick-up width (m)	1.50	2.00
Pick-up rake width (m)	1.15	1.60
Pick-up tine spacing (mm)	64	
Dimensions L x W x H (m)	4.30x2.30x2.42	4.30x2.34x2.42
Required tractor power (kW/Hp)	33/45	36/50
PTO shaft (rpm)	540	
Permitted maximum speed unbraked (km/h)	25	
Permitted maximum speed with compressed air brake (km/h)	40	
Balercontrol E	S	S
Balercontrol III	X	X
Height-adjustable drawbar	S	S
Pick-up 1.50 m with guide wheel	S	X
Pick-up guard plate/Standard pick-up	O	O
Pick-up 2.00 m/2.25 m with 2 guide wheels	X	S/X
Short crop plate	X	S
Variotwin two-thread twine-tying	S	S
Additional twine box (only for twine-tying)	O	O
Varionet net wrapping	O	O
Compressed air brake system for 40 km/h	X	X
Hydr. brake system (observe Road Traffic Licensing Regulations)	X	X
Tyres 11.5/80 R15.3 Impl	S	S
Tyres 15/55 R17	O	O
Tyres 19/45 R17	O	O
Tyres 500/60 R22.5	X	X
Universal joint with WW joint	S	S
Universal joint with free-wheel + WW joint	O	O
Universal joint with cam clutch, free-wheel and WW joint	X	O
Automatic chain lubrication	O	O
Lubrication system for roller bearings	O	O
Bale thrower	O	O

S = Standard / O =Option / X = Not available on this machine



## Lely Welger RP 245 – cutting edge baler technology

The Lely Welger RP 245 series constitutes the next step in our world renowned range of fixed chamber balers. This range has always led the field in terms of durability, bale density chopping quality and output. Thanks to the vast experience gained bailing silage worldwide the RP 245 range offers a large number of possibilities ensuring the best performing baler can be selected for any conceivable situation.



## The comprehensive range of options are among the major features of this range of balers

On a global scale, the differences between silage are huge. Climatic and field conditions will determine what is the ideal spec of your 245. There are a number of options available when it comes to chopping units, tying systems and lubrication systems as well as control facilities. The heart of the baler is constituted by the well proven 1.25 m diameter bale chamber with 18 Powergrip steel rollers. The bearings of these rollers can be tailored to all operating conditions. Choose a 245 to suit your requirements and experience many years of pleasant and highly efficient operation.

## Wide pick-up – large swaths

The RP 245 model has a 2.25 m wide free running pick-up with five tine bars. Pick-up capacity is huge; the long 5.60 mm tines have large coils and are therefore ideal to retrieve the crop from high stubble. Due to their great flexibility, the tines can easily adjust to uneven ground contours, thus eliminating contamination. Suspension of the pick-up is adjustable and perfect ground contour following is ensured in combination with the height chains and pick-up wheels.

## The benefits of an efficient chopping device

- Lower costs per bale due to increased bale density.
- Increased forage intake by animals due to better conservation and feed quality.
- Time saving through ease of distribution at feeding time.

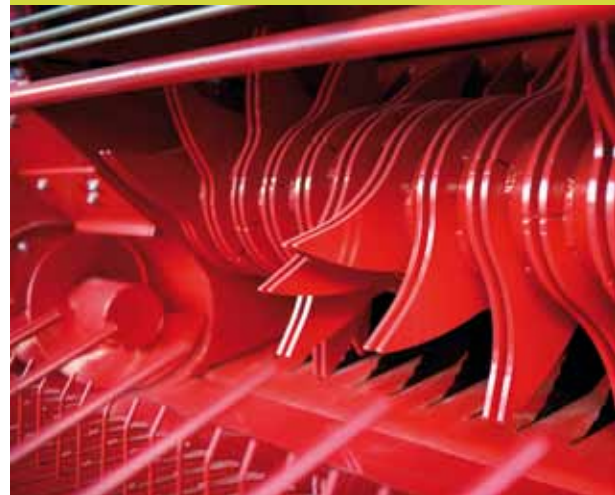
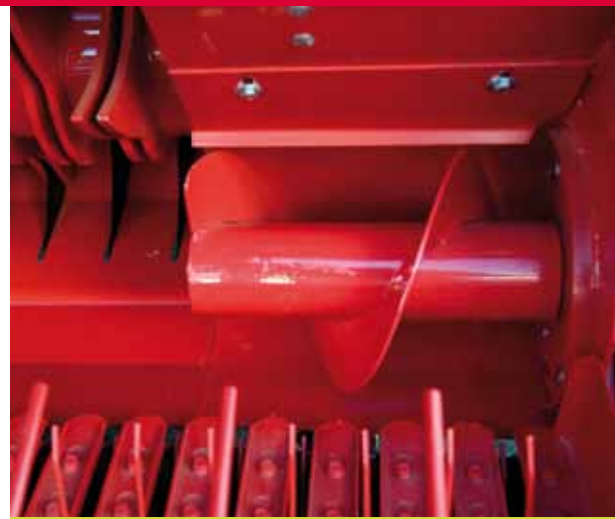
The additional investment in a chopping system is always worthwhile and therefore the Lely Welger RP 245 range offers three configurations with 13, 17 or 25 knives (Profi model).

## Mastercut<sup>13</sup> – affordable and rigid

The comprehensive range of state-of-the-art chopping units starts with the Mastercut<sup>13</sup> – 13 extra-long knives, reaching deep into the ring of the rotor, ensure consistent chopping of the crop. Crops can be chopped to a bare minimum of 90 mm. The two-star rotor guarantees an impressive throughput assuring optimum output even in the heaviest of crops.

## Xtracut<sup>17</sup> – high throughput and ease of operation

The 17 knives of this chopping unit are divided in two groups of eight and nine knives which can be selected by the operator from the tractor cab. The 500 mm diameter chopping rotor has an exceptionally open construction ensuring that the spirally configured tines have a large grip of the crop. Due to this rotor construction, crop throughput to the bale chamber is massive ensuring high output when baling high volume crops.



### **Lely Welger RP 245 – extra-heavy bearings where loads are heaviest**

The bale chamber is equipped with 18 rollers and the three main rollers feature 50 mm thick shafts onto which double-row bearings are fitted. Since all bearing housings allow lubrication, this baler is even more suited to baling silage.



### **Spring-loaded, carried and limited for the cleanest possible crop pick-up**

It is not the only function of the two single-acting hydraulic rams behind the pick-up to lift or lower the pick-up; these rams – fitted with adjustable springs – also constitute the pick-up's suspension. Due to these springs, the pick-up floats over the ground with a minimum weight, whereby the pick-up wheels operate as adjustable gauge wheels to ensure the correct working depth. At the moment when the pick-up needs to be lifted, the wheels can easily push the pick-up upwards. The maximum downward stroke is limited by two heavy-duty chains.

## **Worldwide experience generating the highest quality machines**

With over 100 years of baler experience Lely Welger RP balers set the standard in terms of quality and reliability. Some convincing examples: the rollers and intelligently engineered bearing housings which – even after years of baling heavy dense bales – require the least amount of maintenance.

### **Lely Welger RP 245 – impressive silage operations**

When operating in wet conditions and needing to bale large quantities of grass for silage this model exceeds all current standards. Exceptional performance and reliability are ensured by the Xtracut<sup>17</sup> chopping mechanism with its huge appetite and by the 50 mm diameter roller shafts and heavy bearings (optional). The strength of

these shafts ensures precise alignment of the sprockets minimising chain wear. The rollers which experience the heaviest loads are fitted with double race bearings on the drive side.

### **Lubricated bearing housing for optimum performance, year after year**

The unique bearing housing on the Lely Welger RP fixed chamber round baler ensures stable alignment of all driving gears on the drive side of the machine thus eliminating undue wear and tear of chains. On the non-drive side, the sealed bearings can shift in their housings so that the lateral forces exerted by the pressure onto the bale chamber are perfectly absorbed. The unrivalled bearing system of these balers ensures lowest possible maintenance costs and supreme reliability.





Standard equipment on the Lely Welger RP 245 model includes:

- 2.25 m wide free running pick-up.
- Master ring-type feed rotor.
- Automatic chain lubrication system.
- Bale chamber with 18 rollers.
- Balercontrol E.
- Mechanical tail gate locking system.
- Self-cleaning bearing housings.
- Varionet net tying including Easy Load System.



## Options

- Mastercut<sup>13</sup> chopping device.
- Xtracut<sup>17</sup> chopping device.
- Hydroflexcontrol anti blockage system.
- 50 mm bearings on all rollers.
- Greasable bearings on both sides.
- Variotwin twine tying (may be combined with net tying).
- Automatic greasing system.
- E-link control (page 29).
- Short crop plate or windguard roller for pick-up.
- 2 pick up guide wheels.
- Caster action pick up guide wheels.
- Bale discharge ramp.



Short crop plate.



Windguard roller for pick-up.



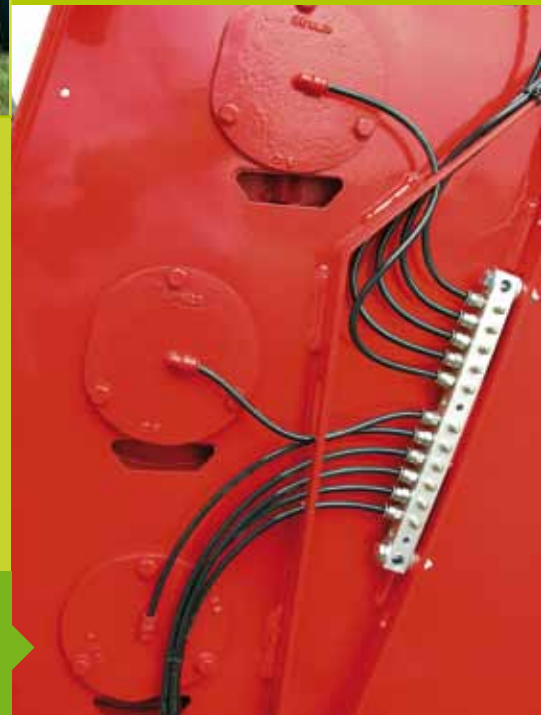
Hydroflexcontrol anti blockage system.



Caster action pick up guide wheels.



Greasable bearings on both sides.





## Technical specifications

WELGER	RP 245
Bale chamber diameter (m)	1.25
Bale chamber width (m)	1.23
Bale chamber volume (m³)	up to approx. 1.50
Tying material net/running length (m)	2,000 or 3,000
Pick-up width (m)	2.25/2.00
Spacing between the outer tines (m)	1.86/1.60
Tine spacing (mm)	64
Dimensions Length x Width x Height (m)	4.98x2.32 (max. 2.70) x max. 2.76
Required tractor power (kW/PS)	50/68
PTO shaft (rpm)	540
Permitted maximum speed unbraked (km/h)	25
Permitted maximum speed braked (km/h)	40
Balercontrol E/E-link	S/O
Height-adjustable drawbar	S
Universal joint with free-wheel and cam clutch	S
Pick-up 2.25 m with guide wheels	S
Pick-up 2.00 m with guide wheels	O
Pick-up guide wheels, suspended	O
Power split gear transmission	S
Hydroflexcontrol baler channel	O
Mastercut <sup>13</sup> crop chopping unit	O
Xtracut <sup>17</sup> crop chopping unit	O
Xtracut <sup>25</sup> crop chopping unit	X
Variotwin twine-tying system	S
Varionet with ELS net wrapping	O
Additional net roll holder	O
Automatic chain lubrication	S
Permanent roller lubrication	O
Baler roller bearing, can be lubricated both sides	O
Compressed air brake system	O
Hydraulic brake system	O
Tyres 11.5/80-15.3	S
Tyres 15.0/55-17	O
Tyres 19.0/45-17 (500/40-17)	O
Tyres 500/60-22.5 (only up to 25 km/h)	O
Tyres 500/55-20	O
Tyres 505/50-R 17	O
Tyres 425/55-R 17 Allground	O
Bale thrower	O

S = Standard / O = Option / X = Not available on this machine



## Lely Welger RP 245 Profi – designed specifically for high output, large contractor use

With heavy duty greasable bearings as well as the Xtracut<sup>25</sup> chopping unit, the Lely Welger RP 245 Profi is the premium baler model for silage. The Profi rotor has an excellent grip on all crop types and is renowned worldwide for its outstanding output. The highly transparent E-link control and Hydroflexcontrol ensure maximum efficiency of both man and machine.





## Xtracut<sup>25</sup> – maximum comfort and optimum chopping facilities

The Lely Welger 245 Profi features an Xtracut<sup>25</sup> chopping system with selectable knife banks that was specifically designed for this model. The 25 knives can be split into different groups allowing various possibilities in terms of chopping length. The operator can select 25, 13 or 12 knives from the E-link handset in the tractor cab without having to physically remove the knives saving both time and effort.

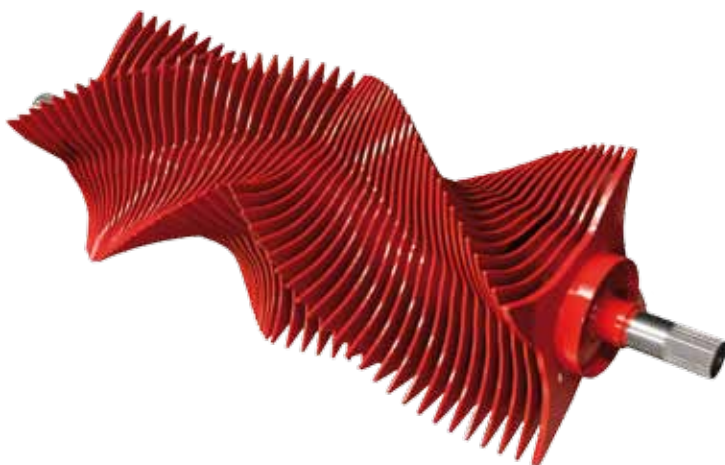


## Profi rotor – never lets you down

Due to the large number of tines (four on each ring) the Lely Welger Profi rotor has a tremendous grip on the crop ensuring year-round silage operations. This high-grade rotor guarantees non-stop performance and superior chopping quality in all crop types and weather conditions.

## Roller bearings in “Profi” dimensions

The Lely Welger round baler RP 245 Profi is fitted all round, driven and non-driven side, with extra strong 50 mm diameter roller shafts. The strength of these shafts ensures precise alignment of the sprockets, thus minimizing chain wear. In addition, exceptionally large and sustainable roller double race roller bearings are fitted to withstand the heavy loads of the silage bales.



## Everything on display – everything under control

As standard, the Lely Welger RP 245 Profi comes with the easy-to-operate E-link Balercontrol. This electronic control keeps the tractor driver informed about all operator functions of the machine. In addition, it allows easy pre-selection for hydraulic functions or adjustment of the different operating parameters as bale density, netlength or the selection of knife banks. Information as bale count and time can be stored individually.



### Options

- Variotwin twine tying (may be combined with net tying).
- Automatic greasing system.
- Short crop roller for pick-up.
- Swivel wheels for pick-up.
- Bale discharge ramp.

### Automatic bearing lubrication

To ensure ideal lubrication of roller bearings, an automatic greasing system is available.

### As standard, the Lely Welger RP 245 Profi model includes:

- 2.25 m wide free running pick-up.
- Profi star-type feed rotor.
- Xtracut chopping mechanism with 25 knives.
- Flexcontrol & Hydroflexcontrol anti blockage system.
- 50 mm shafts and heavy duty bearings on all rollers.
- Greasable bearings on both sides.
- E-link control.
- Double roller bearings on the drive side.



## Technical specifications

WELGER	RP 245 Profi
Bale chamber diameter (m)	1.25
Bale chamber width (m)	1.23
Bale chamber volume (m³)	up to approx. 1.50
Tying material net/running length (m)	2,000 or 3,000
Pick-up width (m)	2.25/2.00
Spacing between the outer tines (m)	1.86/1.60
Tine spacing (mm)	64
Dimensions Length x Width x Height (m)	4.98x2.32 (max. 2.70)x max. 2.76
Required tractor power (kW/PS)	50/68
PTO shaft (rpm)	540
Permitted maximum speed unbraked (km/h)	25
Permitted maximum speed braked (km/h)	40
Balercontrol E/E-link	S/O
Height-adjustable drawbar	S
Universal joint with free-wheel and cam clutch	S
Pick-up 2.25 m with guide wheels	S
Pick-up 2.00 m with guide wheels	O
Pick-up guide wheels, suspended	O
Power split gear transmission	S
Hydroflexcontrol baler channel	O
Mastercut <sup>13</sup> crop chopping unit	O
Xtracut <sup>17</sup> crop chopping unit	O
Xtracut <sup>25</sup> crop chopping unit	X
Variotwin twine-tying system	S
Varionet with ELS net wrapping	O
Additional net roll holder	O
Automatic chain lubrication	S
Permanent roller lubrication	O
Baler roller bearing, can be lubricated both sides	O
Compressed air brake system	O
Hydraulic brake system	O
Tyres 11.5/80-15.3	S
Tyres 15.0/55-17	O
Tyres 19.0/45-17 (500/40-17)	O
Tyres 500/60-22.5 (only up to 25 km/h)	O
Tyres 500/55-20	O
Tyres 505/50-R 17	O
Tyres 425/55-R 17 Allground	O
Bale thrower	O

S = Standard / O = Option / X = Not available on this machine



*We are committed to a sustainable, profitable and enjoyable future in farming.*

- *Live Life Lely*