



# Comprima X-treme

Round balers  
Round baler wrappers



Comprima EN

[www.krone.de](http://www.krone.de)

# Comprima X-treme

Uncompromising baling



- Fixed chamber for 1.25 - 1.30 m (4'1" - 4'3") bales
- Semi-variable chamber for 1.00 - 1.50 m (3'3" - 4'11") bales
- Variable chamber for 0.90 - 1.50 m (2'11" - 4'11") bales
- Extra strong and camless EasyFlow pick-up with casting gauge wheels
- Extra strong XC cutting system with lowering knife drawer – 17 or 26 selectable knives
- Extra strong and grippy NovoGrip belt-and-slat elevator
- Extra strong drivelines
- Active net & film wrap system for highest quality silage
- Comprima CF 155 XC and CV 150 XC – high-performance baler wrappers for up to 1.50 m (4'11") diameter bales





Comprima X-treme – made for continued performance and longevity. A Comprima X-treme measures up to any challenge.

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# EasyFlow pick-up

Camless efficiency

- Impeccable work
- Extremely powerful, extremely quiet
- Unmatched longevity, lowest maintenance



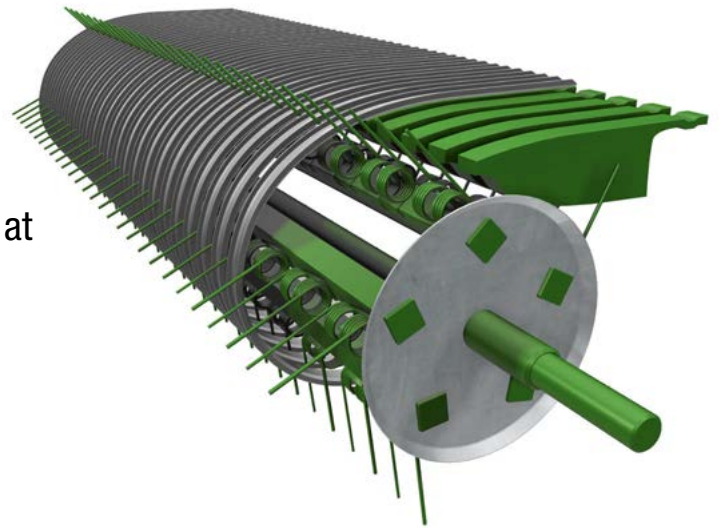
## EasyFlow – more efficient and more effective

Working at a width of 2,150 mm (7'1") (DIN 11220) and mounted in a rugged frame, the camless EasyFlow pick-up on Comprima X-treme revolves at high speeds and features 6 mm (0.2") tines to take on the very extreme challenges of harvesting. When the challenge is big windrows, heavy crop and high work rates, the KRONE EasyFlow pick-up is the solution that delivers.



# Costs down, output up

The EasyFlow pick-up is simple by design and does without cam track and with fewer moving parts for extremely quiet running. Less wear helps reduce costs for service and maintenance. EasyFlow works at higher speeds and gives cleaner rakes.



## Extra strong tines

The durable rotor features galvanized stripper plates and 6 mm (0.2") tines, the latter being arranged in five rows and spaced 55 mm (2.2") apart to pick up even short crop.



## Castering gauge wheels

Gauge wheels on either end of the pick-up caster on pneumatic tyres and adjust in height without tools. They give excellent tracking in every turn, avoid scuffing and offer best protection of the sward, running very quietly on flotation tyres. The wheels can be made rigid to suit requirements.



## Heavy-duty gears

The pick-up is driven by an automatically tensioned drive chain, which has a star ratchet clutch that gives overload protection and peace of mind during those sudden impacts.



## Feed augers

Massive augers feed the material from the ends of the pick-up to the middle, gathering the crop from a large pick-up width into a narrower stream for a smooth flow into the smaller bale chamber.



# EasyFlow

Go with the flow

- Consistent crop feed  
Standard crop press roller
- Huge intake capacities
- Pivoting attachment  
Lateral contour following
- Plenty of ground clearance in road travel
- Automatic overload protection

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## The crop press roller

This roller eliminates the risk of pushing up crop in uneven windrows. Its special attachment provides for plenty of clear space to lift the baffle plate, a design that guarantees maximum intakes and outputs along with a consistent flow of crop.

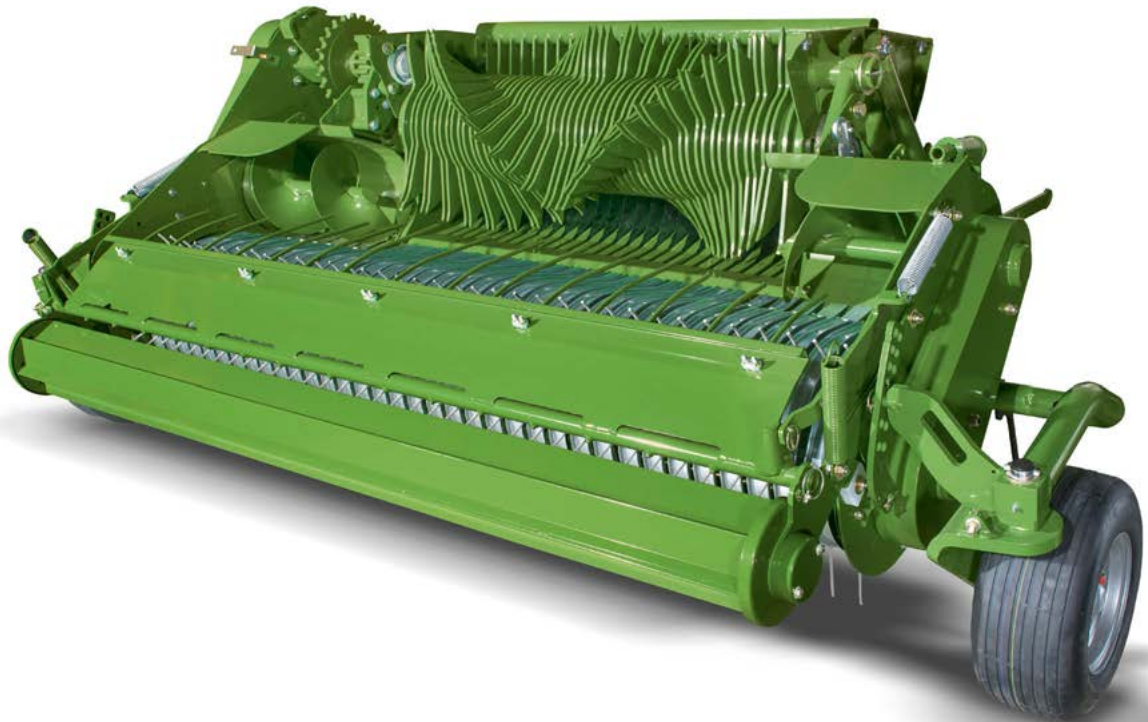
## Ground hugging

EasyFlow moves sideways to follow every ground contour not only in direction of travel but also across the work width to leave nothing behind. After all, crop that is lost is money lost.



# Optimizing the crop flow

The EasyFlow pick-up on the X-treme models was beefed up to cope with the most difficult and challenging conditions. The pick-up and the rotor cutter have merged to form one compact and integrated unit. The large intake and the close arrangement of the pick-up and the rotor cutter combine to boost the machine's overall intake capacity and ensure a consistent flow of crop in wet silage, hay, straw and short material.



## High ground clearance

EasyFlow raises 30 cm (11.8") clear of the ground, providing for a generous ground clearance for the rotor cutter – enough space to remove a potential blockage.

## Adjustable ground pressure

The ground pressure is adjusted on coil springs, which are controlled by chains. When the chains are short, there is no need to use the gauge wheels.



# KRONE X-Cut

## Cutting edge

- Best results by controlled cuts
- 42 mm (1.7") cuts from up to 26 knives  
64 mm (2.5") cuts from up to 17 knives
- Large-diameter rotor cutter for consistent crop feed and maximum intake capacity
- Welded V-shaped double tines on the rotor cutter for a top-notch quality of cut and top-notch distribution

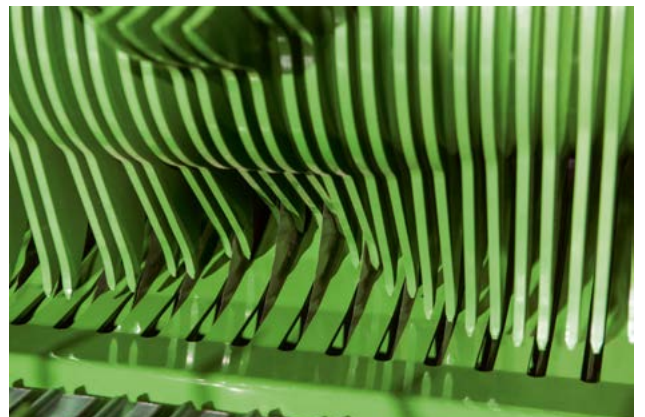


### Smooth cutting

Comprima knives cut the material across the full length of the cutting edge. Pulling the grass over the blades means less power is required. The wavy edges retain their sharpness for a long period of time and Tungsten carbide coated knives are available to ensure maximum durability in the most extreme conditions.

### Finest quality cuts!

The double tines pull the crops consistently through the knives. As the clearance between the knives and the double tines is very small the crop cannot escape. These controlled cuts are clean and precise and a KRONE speciality.





# Cutting faster

Measuring 530 mm (1'9") in diameter, the rotor cutter is able to handle massive amounts of material. Its two-fold task is to cut the material and take care of pre-compression. The three rows of tines are welded to the rotor in chevron formation. Their task is to provide continuous cuts and distribute the material across the entire width of the bale chamber.



## Powerful driveline

The rotors are driven by massive spur gears which withstand even the highest loads and provide a positive and dependable drive even in less than uniform windrows.



## X-Cut 17:

This rotor cutter features a maximum of 17 knives which are very narrowly spaced at 64 mm (2.5"), a setup that provides for easy bale break-up and spreading. The knives, which are arranged in one row, ensure the best quality cut.



## X-Cut 26:

26 knives spaced at 42 mm (1.7") make for even shorter cuts. X-Cut 26 is the formula for top-notch silage quality and high bale densities. These bales are also easier to break up in the feed passage.



# KRONE X-Cut

More than a cutting system

- Hydraulic knife floor
- Central knife selection in sets of 0, 8, 9, 17 or 0, 13, 13, 26  
Manual or hydraulic (option) control
- Individual knife protection

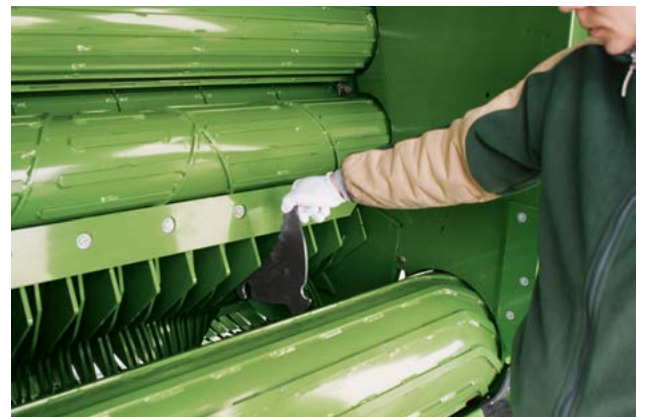


## Individual protection

All knives are individually protected by coil springs and break back when a foreign object passes the system. Once the object has passed, the knives return automatically to their previous position.

## No tools required

To replace individual knives, lower the knife bank and release all knife springs in one operation to remove the knives conveniently and without bending over.



# Trouble-free functionality

The situation is familiar to every farmer – fail to pay attention for a moment in uneven windrows and suddenly the machine blocks up. On a Comprima XC X-treme, it is no problem at all to remove the blockage. Simply lower the knife floor to increase the cross section of the passageway and allow the crop to pass smoothly. If the machine is specified with the optional hydraulic knife selection system, the knives will fold to the rear as the floor is lowered. This gives you more space to remove the blockage, saving time and reducing machine wear.



## Manual knife selection

The system allows operators to select a specific set of knives that provide various cutting lengths. You can select 8, 9, 17 knives to obtain 64 mm (2.5") or 128 mm (5") knife spacings or 13 or 26 knives for 42 mm (1.7") or 84 mm (3.3") spacings. When set to '0', all knives are in cutting position.



## Hydraulic knife selection

The optional hydraulic system swings 50% of the knives into and out of working position. When set to 0, all knives retract from the feed chamber.



# NovoGrip

The strong and grippy novelty

- Heavy-duty for extremely high loads
- Unmatched bale densities
- Quiet and smooth running
- Low power input
- Absolutely maintenance-free



## An out and out robust system

These super strong and extremely durable belts are made of three plies of polyester and polyamide fabric and have rubber layers vulcanised to either side of the multi-layer fabric. The double tread profile gives each belt its superior elasticity and strength.

## Endless belt

Layers of fabrics form an endless belt and have rubber vulcanised to it at the end of the process, which creates belts that take full loading in any spot.



# NovoGrip – sheer brilliance

NovoGrip is a new and unique baling concept, which has been developed during years of research and development. NovoGrip combines the best of two worlds – the effective bale feed obtained from chain and slat elevators and the quiet running of belt systems. To form high-density and well-shaped bales, NovoGrip relies on an endless elevator, the slats of which mounting in rubber/ fabric belts. The extra wide and strong fabric belts that are used on the Comprima X-treme models provide the durability and load capacity necessary to handle the heaviest silage.



## NovoGrip:

The robust and endless rubber fabric belts with metal slats offer an ideal system to achieve highest densities in straw, hay and silage. The system relies on an extremely high belt tension that applies the drive power to the bale.



## Durable and strong

The slat holders bolt dependably in bushes, which also serve as distancers and make for a fail-safe threaded assembly. The slat holders mount well protected between the rubber lugs.

## Enormously tear resistant

We constantly test the belts for resistance to tear and their fabric layers for a potential tendency to separate from the rubber that is vulcanised to them. In practical operation, the belts are exposed to only 10% of their rated tear.



# NovoGrip

Has more, gives more

- Effective bale roll  
Less fragmentation
- Extra wide and strong fabric belts – ideal in heavy crops
- Dependable slat attachment
- Extra strong 1.5" drive chains
- Purpose made for heavy silage, hay and straw

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## Strong drive chains

The strong 1½" chains withstand extreme loads. Spring-loaded chain tensioners are in place to reduce maintenance and enhance the service life of the chains.



## Handling extremely high loads

The belts receive positive guidance by wide pulleys and large-diameter drive rollers. These pulleys and rollers contribute to the capacity and longevity of the NovoGrip system.



# NovoGrip – in perfect shape

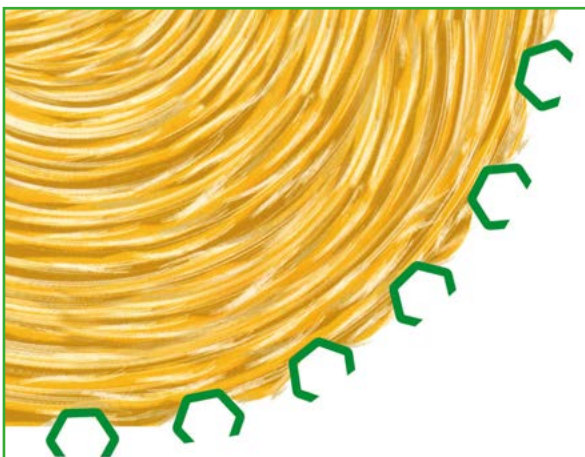
Round balers are versatile machines that harvest a variety of material like straw, hay or haylage without hiccups. The challenges are well-known: Fragmentation is a risk in straw and hay where the crop was exposed to sustained drought, whereas haylage may actually be wet and heavy after periods of sustained rain. Another issue is ‘stickiness’ in high-sugar crops. In all these conditions, the KRONE NovoGrip elevator operates absolutely dependably, being both gentle and firm on the crop. As the slats ‘mesh’ with the bale, they keep it rolling while the belts provide the high pressure.

Baling straw, hay and silage



## Keep rolling

As the slats mesh with the crop, they provide a positive bale feed – at all times and in all conditions, even in dry and brittle straw.



# Fixed chamber

## Comprima F 125 XC X-treme

- Extremely robust build that suits daily harvests of heavy crop
- 1.25 - 1.30 m (4'1" - 4'3") diameter bales  
Adjustable tailgate hooks
- Few drive chains, simple design
- NovoGrip translates into highest bale densities and quiet running



### Bale ejector

The optional ejector pushes the bale clear of the tailgate. There is no need to reverse the tractor at the end of a wrapping cycle.

### The main gearbox in the middle

The central gearbox (540 rpm) transfers the power to short and direct driveshafts on either side for optimum distribution of the power flow.

### Strong driveline

Few 1.5" drive chains reduce Comprima F 125 XC X-treme's tractor input and operating costs and enhance its operational reliability.





# Successful baling

Get a headstart with the fixed chamber round baler Comprima F 125 XC X-treme. These machines feature the effective and camless pick-up unit, the high-density NovoGrip baling system, a straightforward and durable build and are low in maintenance – benefits that will pay off quickly.



## High pressure

As baling continues, the slat elevator transfers the pressure to the springs, the tensioning bars and their rolls. The degree of coil spring tension indicates the current level of compression. Yet, due to the geometries it has no effect on the bale diameter.



## Adjustable bale diameters

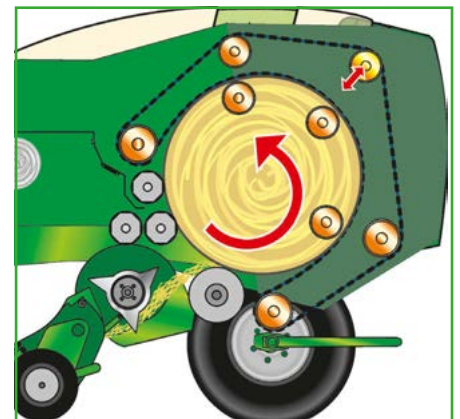
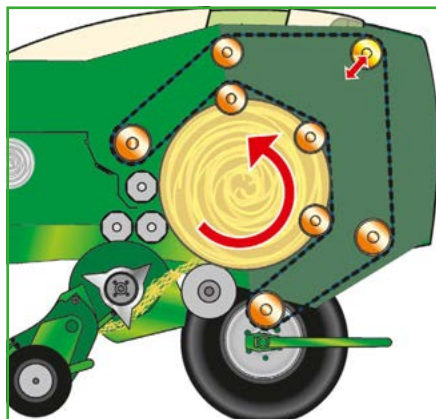
Adjustable tailgate hooks alter the bale diameter between 1.25 m (4'1") and 1.30 m (4'3"). The system is a response to customer demands that asked for bigger silage bales.

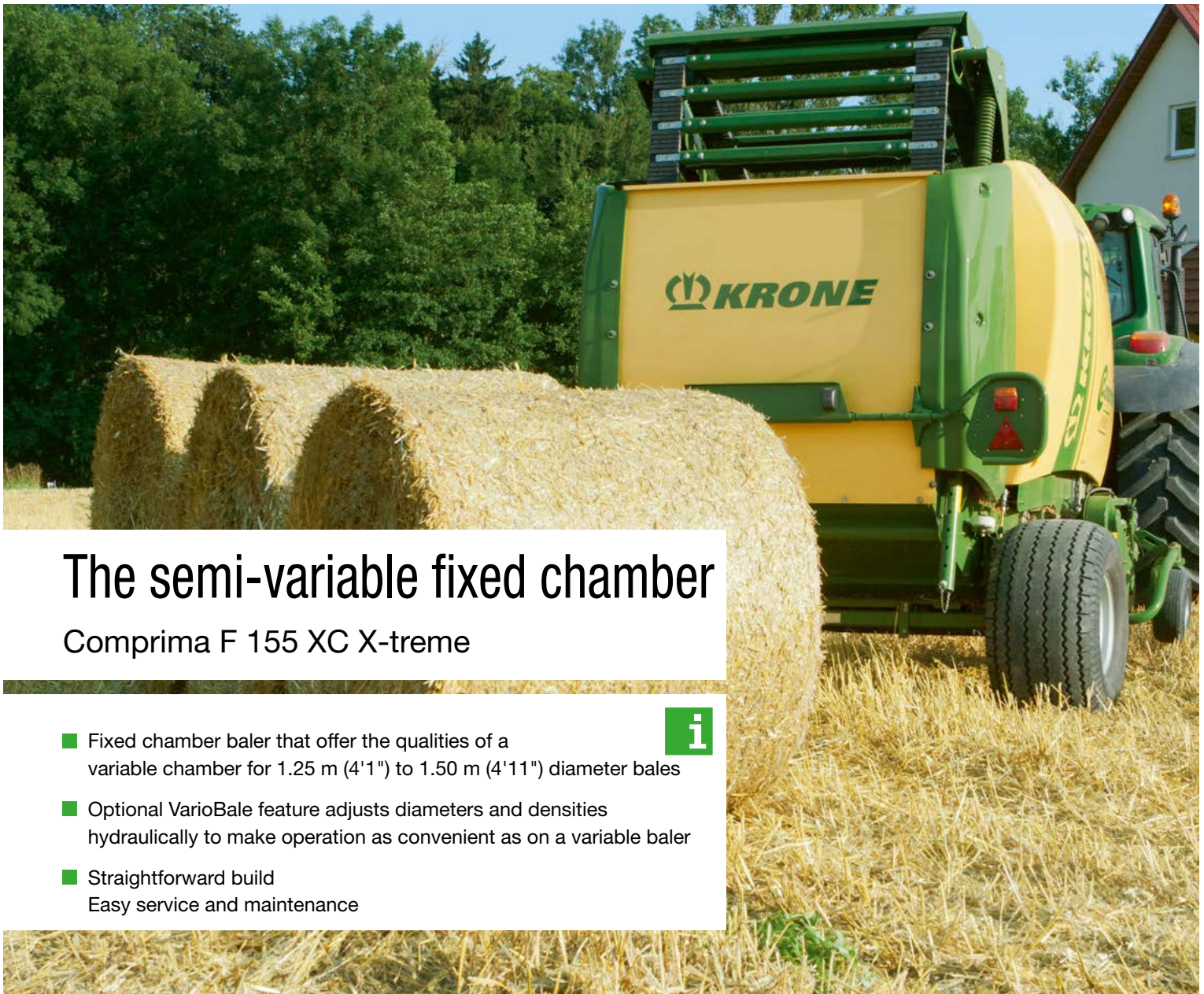
## Early bale start

As the baling cycle starts, the NovoGrip elevator is running on guide rolls and forming a polygon chamber initially, which exerts a milling effect and leads to a high pre-compression in the early stage of baling.

## Finishing the bale

As baling density increases, the elevator belts follow a different path and the rubber fabric belts take off from the inner guide rolls and forming a circular chamber, the diameter of which determines the eventual diameter of the bale.





# The semi-variable fixed chamber

## Comprima F 155 XC X-treme

- Fixed chamber baler that offer the qualities of a variable chamber for 1.25 m (4'1") to 1.50 m (4'11") diameter bales
- Optional VarioBale feature adjusts diameters and densities hydraulically to make operation as convenient as on a variable baler
- Straightforward build  
Easy service and maintenance



### How it works

During the initial phase of the baling cycle, the NovoGrip belt and slat elevator is running on guide rolls, forming a polygon chamber.

As more and more material is entering the chamber, the NovoGrip belt-and-slat elevator alters its path, thereby forming a round bale. The fabric belts continue running on the guide rolls until the bale diameter is 1.20 m (3'11").

As soon as the bale diameter is 1.20 m (3'11"), the belt-and-slat elevator lifts off from the guide rollers. As it does so, the tensioning bar moves down against spring-loaded stop rods, easing the restraint on the elevator and allowing it to expand and produce a larger-diameter bale.



# A KRONE exclusive

The semi-variable Comprima F 155 XC X-treme round baler is a fixed-chamber machine and produces high-density bales of 1.25 m (4'1") to 1.50 m (4'11") diameters. Its straight-forward build reduces costs and maintenance and makes the machine easier to service. These bales are well shaped and consistently high in weight. Unlike the traditional fixed chamber, the semi-variable chamber ensures that the soft core does not grow in diameter as the bale gains in size.



## Variable bale diameters

Refit the pins in these telescopic rods to restrain or release the tensioning swing and ultimately set the bale diameter from 1.25 m (4'1") to 1.50 m (4'11") in 5 cm (2") increments.

## An ingenious system

The spring-loaded and telescopic stop rods on either side of the tailgate restrain the tensioning swing and thereby the elevator as it lifts off its guide rolls. The swing touches the rods when the bale has reached its target diameter.

## VarioBale:

The optional hydraulic density and bale diameter adjusting system offers superior operator comfort and compares with the functionality of a 'real' variable chamber round baler.





# The variable chamber

## Comprima V 150 XC X-treme

- Extremely robust build that suits daily harvests of heavy crop
- Variable bale diameters from 1.00 m (3'3") to 1.50 m (4'11")
- Adjustable bale densities
- Compression increases progressively as the bale grows in diameter
- Soft core kit



### Tailoring bale diameters to suit

The variable chamber round baler Comprima V 150 XC X-treme is designed to operate in contracting and machinery ring applications and in the heaviest of crops. This machine meets all user requirements. It allows operators to select the bale diameter steplessly

from 1.00 m (3'3") to 1.50 m (4'11"). Smaller bale sizes are often preferred in grass silage whilst larger bales are typical in hay and straw. The chamber rolls the bale in a counter-clockwise sense, which ensures high throughputs and a continuous crop flow from the bale start.



# A perfect system

Comprima V 150 XC X-treme is the first choice for those who look for high throughputs and high densities. However, it is not only about density, quality of work and level of specification but also about a host of innovations, such as the double swing that guides the two belt-and-slat elevators, the camless pick-up and the optional X-Cut knife bank that lowers for blockage removal.

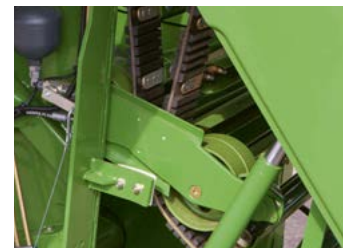


## The power of two

Two belt-and-slat elevators with extra strong rubber/fabric belts achieve highest bale densities and a most effective bale roll.

## Full belt wrap

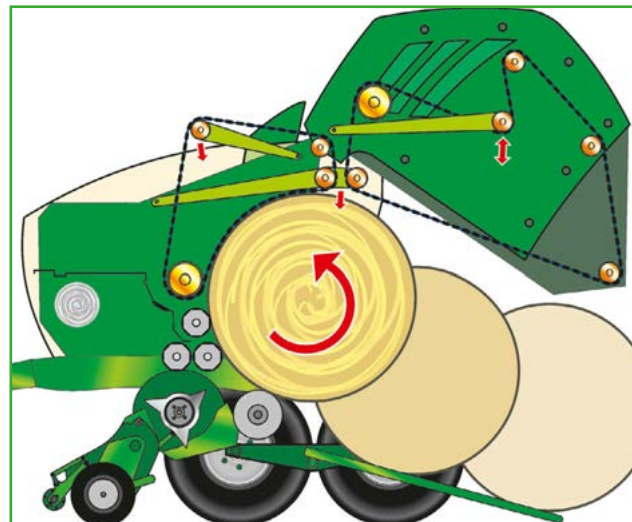
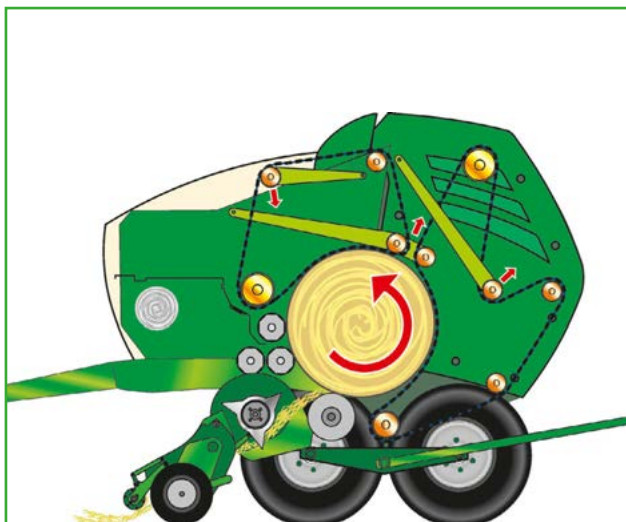
Both elevators are controlled by the same double swing. They wrap the entire bale from the core forming stage to the finishing stage of baling.



## Variable baling

As more material enters the bale chamber, the two NovoGrip elevators press layer by layer to form dense and well-shaped bales. The pressure is supplied by a hydraulic ram via the front double swing and the rear

tensioning rods. As soon as the bale reaches its preset diameter, net wrapping is triggered. Then the tailgate opens and the bale drops from the chamber.





### **Versatile**

Comprima V 150 XC X-treme not only excels in straw and hay but also in silage where it cuts the crop with 17 or 26 knives.



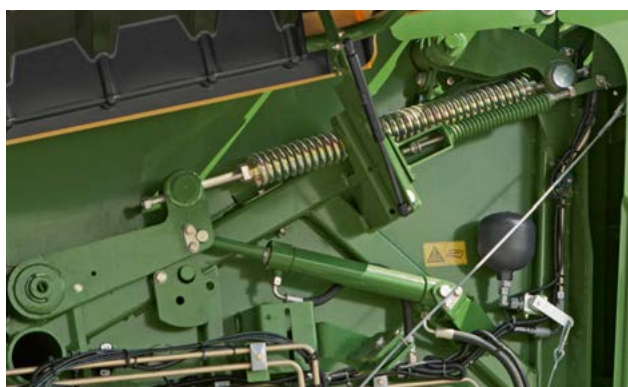
### **Bale ejection guaranteed**

The optional ejector is linked to the tailgate and tilts as the gate opens, thereby ejecting the bale, which rolls onto the ground and clear of the closing tailgate. There is no need to reverse the tractor at the end of a wrapping cycle.



### **Adjustable bale densities**

This pressure valve controls bale density by operating hydraulic rams that tension the NovoGrip belts – a quick, easy and accurate system. The operator can read the current baling pressure on the gauge.



#### **The pressure increases as the bale grows**

As the bale grows and ram geometries change inside the baler, the pressure on the bale increases, which leads to very high densities on the outer layers of large-diameter bales as well.



#### **Soft core kit**

The diameter of the softer bale core is changed by altering the path of the double swing. For a large soft core it is necessary to have a large diameter bale chamber in the early stage of baling.



#### **Quality hay through and through**

Sufficient ventilation is essential for a round hay bale to dry evenly and efficiently. Here, a soft core offers great benefits, because the air can flow from the inside to the outside as it ventilates the core.

# The net wrapping system

Perfect wraps for perfect bales

- Short wrapping cycles, higher outputs per hour
- Bales break up quickly and easily in animal buildings
- Active net feed and dependable net application

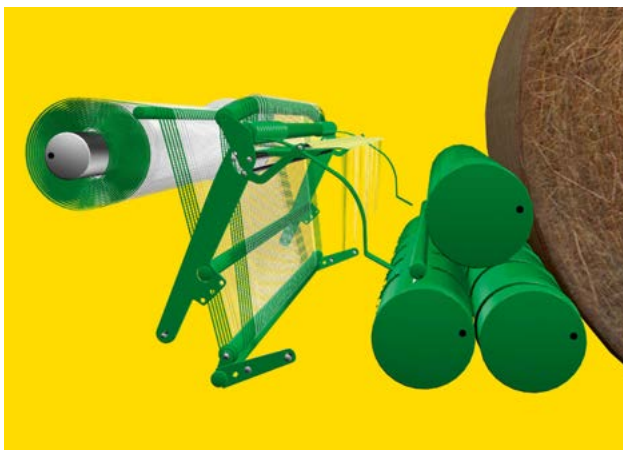


## The starting position

The guide plate is in a raised position during baling, with the net hanging approx. 20 cm (8") from its serrated edge. The knife is still in cutting position and the net brake is applied.

## Net feed position

The swing moves the guide plate together with the net to the feed roller. This feeds the net into the bale chamber, where it is picked up by the bale. The net brake is released and the knife is swung out.





# Simple and effective

The net wrapping system is simple by design and offers great functionality. Unlike twine wrapping, netting offers the advantage of shorter wrapping cycles and higher outputs per hour. As the swing and feeder roller feed the net directly into the bale chamber, it is not necessary to be picking up material to start the net wrapping cycle. The net wrap system accepts net rolls with a capacity of up to 3,600 m (2.2 miles).



## Electric control

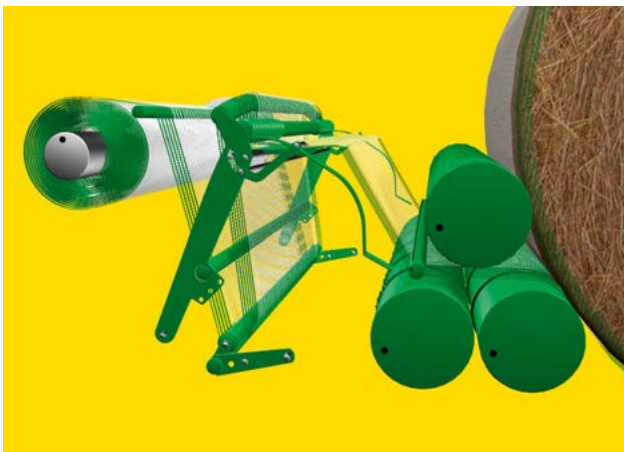
At the end of the baling cycle, the electric motor triggers net wrapping – either automatically or manually. The motor actuates a swing, which moves the serrated guide plate together with the net into the bale chamber.

## Net wrapping position

The swing then returns the plate into wrapping position. The brake tensions the net. The bale pulls the net over the stretchers and the guide plate and on into the chamber. The wrapping cycle begins.

## Net cutting position

The guide plate moves all the way up and a latch on the cut-and-tie system is released. The knife swings into the tensioned net, cutting it as it does so.



# The net wrapping system

A quick and dependable system

- Automatic starts
- Accepts RoundEdge net as well as all common types of net
- Clear operator view of the front-mounted system



## For long working days

The spacious and water protected storage box offers space to store two 3,600 m (2.2 miles) net rolls. The rolls are fixed in position by a bracket.

## Well-shaped bales

The adjustable net brake wraps the bales tightly and ensures they retain their integrity in transport.



# Easy fitting

The net wrap system is located at the machine's front end. This position offers many benefits, such as a shorter passage into the baling chamber and therefore a more



dependable net feed. In addition, this position allows operators to watch the net as it is being fed into the chamber. Twine or net replacement is convenient and safe, because the operator can stand upright when reloading. To replace an empty roll, simply swing out the shaft and slide the fresh roll onto it.

## Clean cuts

The knife spans across the full width of the net. Once a latch is released the knife swings in to cut the tensioned net, cutting it as it does so.



## Bale watch

A system of a star washer and sensor determines the number of wraps and sends the data to the cab computer. Once a specific number of wraps has been applied the net is cut automatically.

## Full-width application

A stretcher system ensures the film is spread across the bale's full width and even beyond its edges (RoundEdge Net). Full-width application eliminates the risk of air pockets and is the secret behind quality silage.



# Film wrapping

The warranty for excellent forage

- Best quality silage by providing an additional oxygen barrier
- Easy break-up in animal buildings
- Easy film removal at freezing temperatures
- Loss-free outdoor storage
- Film wrap system also suits nets

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## Full-width application

The KRONE excellent RoundWrap is 1.28 m (4'2") wide, 1,500 m (1 mile) long and 20 µm thick and covers the bale across its full width. The sticky side of the film

compresses the finished bale and prevents it from expanding. The film is applied by the same system that applies net wraps.



# Packing in quality

Applying a 'base coat' of very tight-fitting sticky stretch film onto the barrel of the bale is the perfect method for producing highest-quality silage bales. The application of a sticky film rather than a net or twine offers the advantage of a firmer surface of the bale, fewer air pockets and less damage during handling and outdoor storage. The application of two film wraps rather than one net wrap and one film wrap makes for easier and more cost-effective waste disposal.



## No losses

The KRONE film wrapping system operates loss-free and economically. At the end of the wrapping cycle, the film is cut across the full bale width and is available at full bale width for the next bale, saving film and money.



## Dual efficiency

Apply a base coat of film first and then the actual film wrap. This concept wraps the entire bale nearly consistently. Wrapping a bale with a coat of sticky film

first does away with the need to apply two layers of film on the wrapping table. In addition, the film is easy to remove when breaking up the bale.



# Comprima X-treme

High output, low maintenance

- Easy access for easy maintenance
- Auto chain lubricator
- Auto chain tensioner

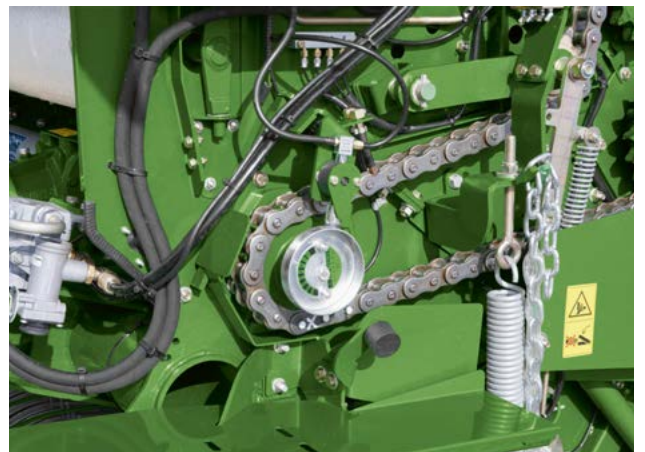


## Longer service life

The central chain lubricator, a large oil reservoir and an eccentric pump reduce maintenance and make Comprima X-treme even more economical.

## Automatic chain lubrication

An eccentric pump supplies oil to the chain drives at a rate that is set on the eccentric shaft.



# Easy maintenance, fewer costs

Comprima stands out for more than just highest densities and outputs. It also stands out for an uncluttered build and easy access to all service points. Service and maintenance on Comprima is as easy as it can get, with lubrication banks and an auto chain lubricator minimizing effort and downtime.



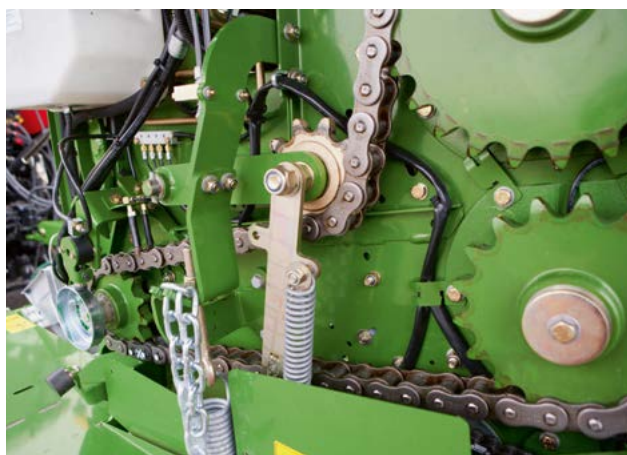
## Cleanliness is key

Comprima V 150 XC X-treme, Comprima CF 155 XC X-treme and Comprima CV 150 XC X-treme feature an oil filter that indicates the current level of oil contamination, a precaution that eliminates any risk of downtime due to contaminated oil and warrants optimum dependability.



## Running smoothly

Spring-loaded and automatic tensioners reduce maintenance and enhance longevity. After all, longevity is a key concept in the KRONE philosophy.



## Top operator comfort

All service points are grouped into easy-access lubrication banks, making service and maintenance less time-consuming and more convenient.



# Round baler wrappers

Comprima CF 155 XC X-treme

Comprima CV 150 XC X-treme

- Extremely robust
- Extremely easy to operate via an on-board hydraulic system
- Camless EasyFlow pick-up
- XC cutting system with 17 or 26 optional knives



## Extremely efficient – unloading the bales in pairs of two

The Comprima X-treme baler wrapper is an extremely versatile combination that also produces hay and straw bales without applying film wrap. These up to 1.50 m

(4'11") bales simply drop onto the wrapping table and wait here to be unloaded in pairs for easier collection and boosted efficiency.





# A formula that works

The Comprima X-treme baler wrappers finish two jobs in one operation, doing away with one tractor and operator and applying a film wrap to silage bales immediately after baling. This way, the bales will not sit in the field, waiting to be wrapped and losing on quality.

On top of this, the bales have no contact with the ground and hence are not exposed to any risk of contamination. The individual machine functions are perfectly timed and sequenced by a separate hydraulic system. A standard tandem axle provides soft treading and leaves fewer wheel marks.



## Separate hydraulic system

The on-board hydraulics ensure a constant supply of oil to the individual assemblies and systems independently of the tractor hydraulics. The sump housing is transparent so operators can clearly read the current oil level.



## The main gearbox

The baler is driven by a main gearbox and the hydraulic system by a slip-on gearbox with oil pump. Both drivelines disconnect easily for the hydraulic system to continue operation should the main gearbox block up.

## More throughput – excellent cuts

It's all about high performance – the extra strong EasyFlow pick-up has gauge wheels on either side and features the robust XC cutting system with 17 or 26 knives as an option. A Comprima X-treme stands out for its huge appetite.



# The semi-variable fixed chamber

## Comprima CF 155 XC X-treme

- Delivers six different bale diameters from 1.25 m (4'1") to 1.50 m (4'11")
- Automatic bale/wrap management
- Extremely compact and short build
- Bales drop rapidly by their own weight onto the table



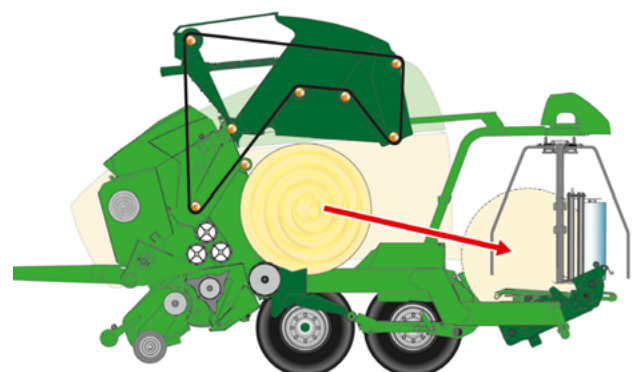
### Fully automated

When the bale reaches its preset diameter and the baling pressure reaches the target level, the machine signals the operator to stop the tractor. Then either the net or film is actively fed into the bale chamber and applied to the bale.



### Transferring the bale

The bale chamber opens and the bale drops on the wrapping table by its own weight. A handle bar may give the bale a sensor triggered 'nudge' in sloping fields.



# A KRONE exclusive!

The Comprima CF 155 XC X-treme is the only baler wrapper on the market that uses a semi-variable fixed chamber for 1.25 m (4'1") to 1.50 m (4'11") bales.

The machine's compact build and extremely short passageway from the chamber to the wrapper provide for a fast bale transfer and an extremely high efficiency. The extra strong pick-up, the extra wide fabric belts, the high-speed wrapper and the tandem axle combine to deliver excellent results in demanding large-scale business operations.



## Transferring the bale quickly

A nearly integral design allows the bale to simply drop from the chamber onto the table. Should this be a problem in undulating terrain, the bale will get a 'nudge' from a handle bar.



## Baling and wrapping

As the baler resumes baling, the wrapper starts wrapping and stops automatically when the preset number of wraps has been applied.

## Unloading the bale

Next time the combination stops because the current baling cycle is completed, the wrapping table tips to the rear to lower the bale to the ground using a rubber mat.





# The variable chamber

Comprima CV 150 XC X-treme

- Variable bale diameters from 1.00 m (3'3") to 1.50 m (4'11")
- The bale rapidly drops onto the table by its own weight
- NovoGrip elevator for highest densities
- Extremely rugged build and strong drivelines



## Variable and versatile

With bale diameters being set steplessly from 1.00 m (3'3") to 1.50 m (4'11"), Comprima CV 150 XC X-treme is an extremely versatile machine which bales small silage bales as well as big hay and straw bales. After all, large diameter bales boost the overall efficiency

and fuel consumption. In addition, bigger bales reduce wrapping costs per tonne of crop as well as time and cost spent on handling and transport whereas smaller bales are easier to handle and feed to smaller herds.



# In synch

Multiple functions from the same machines require a perfect orchestration of all sequences. This is exactly what you get from a Comprima baler, because both the baler and the wrapper come from the same manufacturer. An automatic sequence control system ensures Comprima CV 150 XC X-treme works extremely fast, clearing the wrapping table quickly so it is ready to receive the next bale. As a result, the machine churns out more bales per hour.



## Handling extremely high loads

The NovoGrip system has extremely strong drivelines and an extremely sturdy belt-and-slat elevator. Using 1.5" drive chains and wider rubber fabric belts, Comprima CV 150 XC X-treme baler wrappers deliver maximum performance and capability also in heavy crop.



## Quick and dependable

The bale drops quickly and dependably from the bale chamber onto the wrapping table, which is arranged at a lower position. As required, a bale lifter is in place to give the bale 'a nudge'.



## Perfect functionality and handling

Simply enter the pressure, the bale diameter, the number of wraps to be applied and the wrapper settings. Once this is done, the baler wrapper goes about its business fully automatically. The bale drops on the table by its own weight. Then the satellite arms start applying

the layers of film while the chamber starts baling the next bale. When the operator stops the machine once the next baling cycle is completed, the wrapping table tips to the rear to unload the finished bale.



# The wrapper unit

Perfect silage making

- Powerful twin-arm wrapper
- Dependable bale roll  
Recessed elevator table
- Clasp film tie system
- Controlled precision cuts
- Automatic single-arm operation at film end or break



## Two work faster than one

Two satellite arms with two film dispensers work faster than one, cutting the baling cycle by 50%. Each satellite is monitored by a position sensor and non-contact sensors detect any film break.

## Setting the film stretch

The dispensers give a 50-70% film stretch, which is easily adjusted on the double spur gears. This is a standard feature that helps save film and gives operators the flexibility to use different types of films.



# Everything under control

The wrapper works extremely reliably. After the wrapping cycle is completed, a pull-down arm grips the film, pulls it down and ties it in position, gathering and pleating it in the process. The pleated and multi-layered end of the film is held tightly by the clamp – a requirement for smooth bale wrap starts.



## Clean cut

As the bale is tipped off the table, the film is perforated by knives on either side of the table. And when the bale rolls off the table, the film breaks along the perforated line.

## In a fix

The recessed wrapping table on Comprima CV X-treme has big bobbins on either side that fix the faces of the bale as it is being rolled – an ideal system for operation on slopes.

## Perfectly tuned

The hydraulic drivelines of the table and the satellite arms are fully synchronized to ensure perfect film overlapping. The dead stop bar instantly stops wrapping upon contact.

## Setting the number of wraps

The operator selects the number of wraps (2, 4, 6 or 8) to be applied on the cab-mounted control unit and operates a lever on the elevator gearbox to adjust the wrapping table to 500 mm (1'8") or 750 mm (2'6") film.





# It's a pro

Top-notch technology and functionality

- Optional bale turner places the bale on its side
- Large film roll compartment stores 12 rolls of film
- Option to unload two bales as a pair for easy collection in hay and bale



## Plenty of spare film storage capacity

Two spacious film roll compartments store a total of 12 film rolls (500 mm and 750 mm) (1'8" and 2'6"). The compartments are in the vicinity of the satellite wrapper and protect the material from rain and dust.

## Easy and convenient

The roll holders swing down for easier fitting and removal. Simply slide the roll onto the holder and swing it up into its vertical storage position.

## Protecting the film wrap

The rubber mat protects the film wrap as the bale is placed on the ground. The mat swings up and out of the way in hay and straw applications and when travelling between fields.





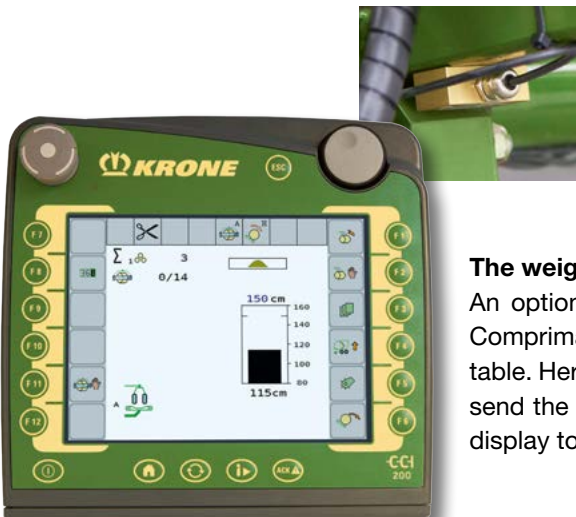
# Worthy options and features

To boost the efficiency of Comprima CV 150 XC X-treme and CF 155 XC X-treme baler wrappers even further, operators can choose to unload the finished bales in pairs, thereby saving further handling costs. The optional bale turner places the silage bale onto its face so the loader can grab it from any side, eliminating the need to turn it before it is loaded onto the truck. In hay and straw, you can use the wrapping table to store one bale as long as the next bale is being rolled. Then you unload the two bales in a pair for easier collecting and time savings in the haulage chain.



## The bale turner

The optional bale turner places the bale on its left or right face. Its integral guide roll protects the film. The bale turner folds away easily when not used. There is no need to remove it.



## The weighing system

An optional bale weighing system is available for the Comprima baler wrappers and installed to the wrapping table. Here, weighing cells measure the bale weight and send the data to the Delta or CCI operator terminal for display to the operator.

# Operation

Tailored to suit your needs

- Easy to read and use
- Easy use
- CCI-ISOBUS – one box for all
- Tractor Implement Management – the baler controls the tractor



## Separate Comfort electronic box

The Comprima X-treme models feature the Comfort electronic system as standard. This level of electronic specification gives operators the choice of using different control units – Beta, Delta, CCI or an existing Isobus control unit on the tractor.

# Logical operation

Comprima is available with a number of optional features that cater for your individual needs. Offering a clear user interface, they read out machine data and offer the operator the option to interfere instantly as required. The CCI terminal is a universal head unit, which controls all ISOBUS-compatible machines of many manufacturers.



## Matching pairs

|   |  |
|---|--|
|  <p>Comfort electronic box</p> |  <p>Beta Terminal</p>    |
|   |  <p>Delta Terminal</p> |
|   |  <p>CCI Terminal</p>   |



### Beta Terminal

The Beta Terminal requires the Comfort electronic system and offers graphical menu navigation, reading out the current baling pressure and bale diameter. The system gives an audible alarm when the pressure on either side of the bale and the bale diameter are right. Then, net or film wrapping is started either manually or automatically. Here the operator also sets and monitors the tying system and reads the total bale count as well as valve and sensor functions. As an optional feature, the unit also measures and reads out bale moisture.



### Delta Terminal

The Delta Terminal requires the Comfort electronic system and is tailored to Comprima CV 150 XC X-treme / CF 155 XC X-treme functionalities. It offers extra functions that are set and monitored from the colour touch screen.



### CCI Terminal

This terminal comprises all Beta and Delta functions and is compatible with all ISOBUS equipment. The display features intuitive operation and high-technology controls.



### ISOBUS tractor terminal

The Comfort electronic system is a requirement for operating Comprima from an ISOBUS terminal.



### CCI 200 terminal with AUX

The extra joystick (AUX) brings key terminal functions to your fingertip as it duplicates the functions to the stick, with all keys being fully customisable.



### TIM

The optional Tractor-Implement-Management-System makes the tractor baler combination behave like one single unit, with the baler actually controlling the tractor. All machine functions are carried out automatically whilst TIM halts the tractor when the preset bale diameter or baling pressure has been reached and starts the tying cycle and opens and closes the tailgate automatically. All the operator has to do is press a button to resume forward travel – this being a mere work safety requirement.





# The chassis

On the road to success!

- All baler wrappers have standard tandem axles with 22.5" wheels as an option
- Optional tandem axles on the Comprima models without wrappers
- Great operator comfort and quiet running
- Less compaction



### Pin-hitch drawbar

Pin hitch attachment is preferred in many countries. The drawbar offers easy adjustment to any hitch height. Notches provide strength and stability.

### Bottom-mount drawbar

The drawbar turns over to attach to the pin or ball hitch. A choice of hitches is available to suit different tractor ends in different markets.

### K80 ball hitch

This hitch offers maximum operator comfort and minimizes wear on your equipment.



# Safe road travel

Special conditions require the equipment to match.

To cater for all requirements, KRONE offers for its

Comprima baler wrappers a wide range of running gears.

Choose from standard and tandem setups, braked and unbraked

versions as well as air and hydraulic (export) brakes. Enjoy the peace of mind

that comes from the confidence of being kitted out properly for the job.



## Enhanced safety

The air brake system is standard specification on all Comprima X-treme models. Export models can be specified with hydraulic brakes.



## The standard axle

The standard axle balers take 15.0/55-17 10 to 500/55-20 tyres depending on model and type of axles. Large flotation tyres reduce the risk of ground compaction and prevent rutting.



## The high-clearance tandem axle

It not only gives soft treading and light pulling but also quiet and stable running. 500/55-20 to 620/40 R 22.5 tyres are available for the tandem axle.



## KRONE excellent net wrap

**Excellent EDGE, RoundEdge** and **StrongEdge** are net wrap products that stand out for their high quality and ability to adapt to the current crop conditions. The KRONE net wraps were specifically developed for KRONE round balers, where they provide the best results at any one time.



### excellent Edge

The KRONE universal net wrap. This net spreads exactly from edge to edge and is the best option in any crop and on every round baler.



### excellent RoundEdge

This net offers better edge to edge spreading technology and therefore generous coverage beyond the edges, protecting the well-shaped bales from ingress of moisture and loss due to fragmentation.



### excellent StrongEdge

This is the extra strong net among the KRONE net wrap products. With two threads knurled into one warp thread, this net offers an enormous resistance to tearing as well as larger meshes and excellent UV-stability – properties that make it particularly suitable for use in hot and sunny regions and in coarse material.





### Technical data of KRONE excellent net wraps

| Product    | Length m (miles) | Order no.        | Width mm     | Number of linear warp threads | min. resistance to tearing in kg | X-treme UV                          |
|------------|------------------|------------------|--------------|-------------------------------|----------------------------------|-------------------------------------|
| Edge       | 2.600 (1.6)      | <b>924 983 0</b> | 1.245 (4'1") | 50                            | 260                              | <input checked="" type="checkbox"/> |
| Edge       | 3.600 (2.2)      | <b>924 984 0</b> | 1.245 (4'1") | 50                            | 260                              | <input checked="" type="checkbox"/> |
| RoundEdge  | 2.600 (1.6)      | <b>928 930 0</b> | 1.245 (4'1") | 50                            | 260                              | <input checked="" type="checkbox"/> |
| RoundEdge  | 3.600 (2.2)      | <b>928 931 0</b> | 1.245 (4'1") | 50                            | 260                              | <input checked="" type="checkbox"/> |
| StrongEdge | 2.600 (1.6)      | <b>927 922 0</b> | 1.245 (4'1") | 50*                           | 320                              | <input checked="" type="checkbox"/> |
| StrongEdge | 3.600 (2.2)      | <b>927 924 0</b> | 1.245 (4'1") | 50*                           | 320                              | <input checked="" type="checkbox"/> |



#### X-treme UV

The warranty for best possible UV protection by all KRONE net wraps.

\* knurled into 25 warp threads

### KRONE excellent film wrap

The KRONE **excellent Slide** film wrap system comprises three high-quality films for best results in silage and highest-quality animal feed in any condition.



#### A product range that meets the needs of all harvest situations

There is the common 750 mm (2'6") film roll as well as the 500 mm (1'8") film. Running a 1,800 m (1.1 miles) length, KRONE **excellent Slide 500** is approx. 17 % longer than 750 mm (2'6") wide silage film, a clear advantage when it comes to wrapping small-diameter bales.



KRONE **excellent RoundWrap** film is a new addition to the KRONE film wrap family. Measuring 1,280 mm in width, the film covers the bale completely and is the best match for a KRONE round baler net wrapping system.



### Technical data of KRONE excellent silage film

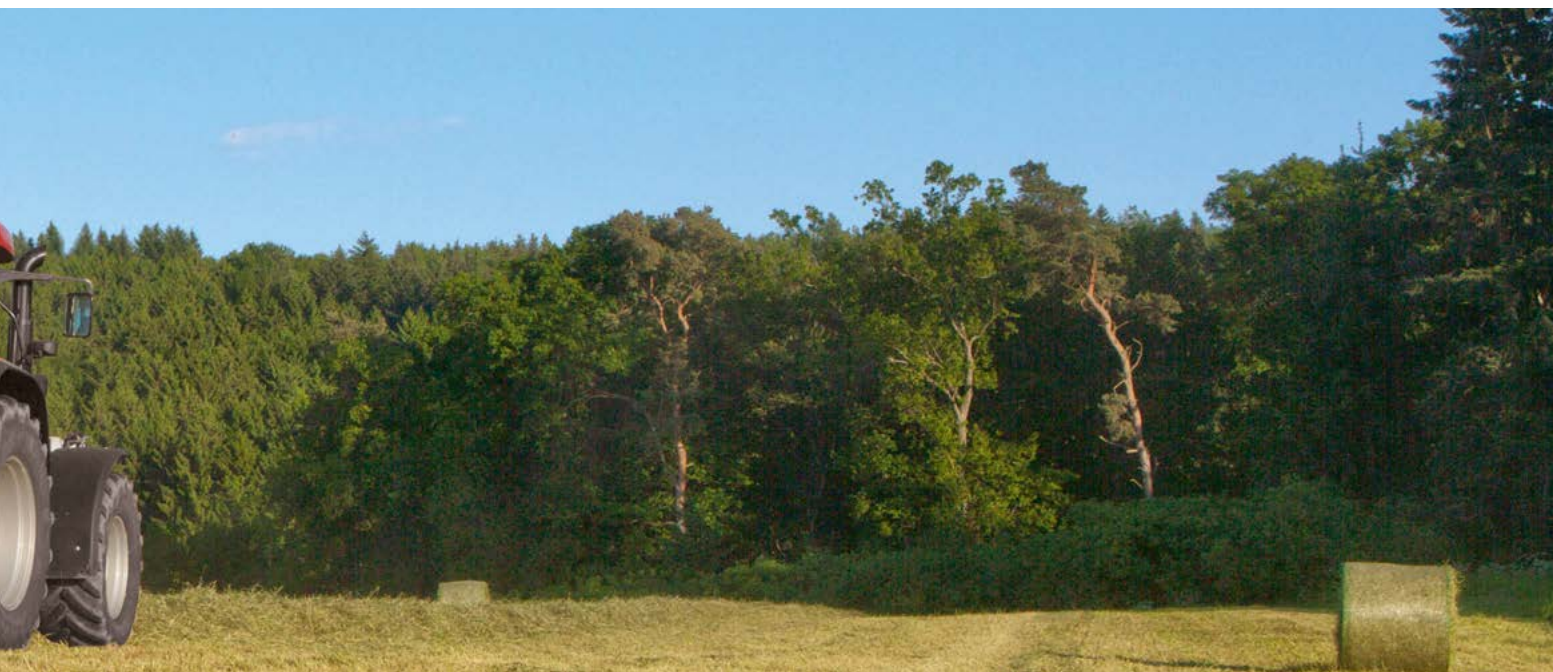
| Product   | Order no.        | Width mm     | Length m (miles) | Thickness µm | No. of layers |
|-----------|------------------|--------------|------------------|--------------|---------------|
| SLIDE 500 | <b>926 938 0</b> | 500 (1'8")   | 1.800 (1.1)      | 25           | 5             |
| SLIDE 750 | <b>926 929 0</b> | 750 (2'6")   | 1.500 (1)        | 25           | 5             |
| RoundWrap | <b>926 940 0</b> | 1.280 (4'2") | 1.500 (1)        | 20           | 5             |



## Technical Data

### Round balers

|   |               | Fixed chamber  | Semi-variable fixed chamber                            |
|---|---------------|--|--|
|   |               | Comprima<br>F 125 XC X-treme                           | Comprima<br>F 155 XC X-treme                           |
| Bale diameter x width                                 | approx. mm    | 1.250 - 1.300 x 1.200<br>(4'1" - 4'3" x 3'11")         | 1.250 - 1.500 x 1.200<br>(4'1" - 4'11" x 3'11")        |
| Length  | approx. mm    | 4.700 (15'5")  | 4.700 (15'5")  |
| Width   | approx. mm    | 2.610 (8'7")   | 2.610 (8'7")   |
| Height  | approx. mm    | 2.650 (8'8")   | 3.150 (10'4")  |
| Camless pick-up width (DIN 11220)                     | approx. mm    | 2.150 (7'1")   | 2.150 (7'1")   |
| No. of tine rows                                      |               | 5  | 5  |
| Rotor cutter with 17 knives<br>Smallest knife spacing | approx. mm    | Standard<br>64 (2.5")                                  | Standard<br>64 (2.5")                                  |
| Rotor cutter with 26 knives<br>Minimum knife spacing  | approx. mm    | option<br>42 (1.7")                                    | option<br>42 (1.7")                                    |
| Available tyres for single-axle models                |               | 15.0/55-17 10 PR<br>500/50-17 10 PR<br>500/55-20 12 PR | 15.0/55-17 10 PR<br>500/50-17 10 PR<br>500/55-20 12 PR |
| Available tyres for tandem-axle models                |               | 15.0/55-17 10 PR<br>500/50-17 10 PR<br>500/55-20 12 PR | 15.0/55-17 10 PR<br>500/50-17 10 PR<br>500/55-20 12 PR |
| Tractor input   | approx. kW/hp | 48/65  | 51/70  |
| Power supply  |               | 12 V   | 12 V   |
| Hydraulic couplers                                    |               | 2 x sa   | 2 x sa   |



| Variable chamber                                       | Baler wrapper combination                     | Baler wrapper combination                     |
|--|---|---|
| Comprima<br>V 150 XC X-treme                           | Comprima<br>CF 155 XC X-treme                 | Comprima<br>CV 150 XC X-treme                 |
| 1.000 - 1.500x1.200<br>(3'3" - 4'11" x 3'11")          | 1.250 - 1.500x1.200<br>(4'1" - 4'11" x 3'11") | 1.000 - 1.500x1.200<br>(3'3" - 4'11" x 3'11") |
| 4.995 (16'5")  | 7.329 (24'1")                                 | 7.432 (24'5")                                 |
| 2.610 (8'7")   | 2.990 (9'10")                                 | 2.990 (9'10")                                 |
| 3.150 (10'4")  | 3.625 (11'11")                                | 3.389 (11'1")                                 |
| 2.150 (7'1")   | 2.150 (7'1")                                  | 2.150 (7'1")                                  |
| 5  | 5   | 5   |
| Standard<br>64 (2.5")                                  | Standard<br>64 (2.5")                         | Standard<br>64 (2.5")                         |
| option<br>42 (1.7")                                    | option<br>42 (1.7")                           | option<br>42 (1.7")                           |
| 15.0/55-17 10 PR<br>500/50-17 10 PR<br>500/55-20 12 PR | –<br>–<br>–                                   | –<br>–<br>–                                   |
| 15.0/55-17 10 PR<br>500/50-17 10 PR<br>500/55-20 12 PR | –<br>500/50-17 10 PR<br>500/55-20 12 PR       | –<br>500/50-17 10 PR<br>500/55-20 12 PR       |
| 51/70  | 74/100  | 74/100  |
| 12 V   | 12 V  | 12 V  |
| 2xsa & free return                                     | 2xsa  | 2xsa  |

Specifications, weights and dimensions herein do not necessarily comply with standard specifications and are therefore not binding.

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Your KRONE dealer

## Maschinenfabrik Bernard KRONE GmbH

Heinrich-Krone-Straße 10  
D-48480 Spelle

Telefon: +49 (0) 5977.935-0  
Telefax: +49 (0) 5977.935-339

info.ldm@krone.de  
www.krone.de