

Comprima

Round Balers Baler Wrapper Combination

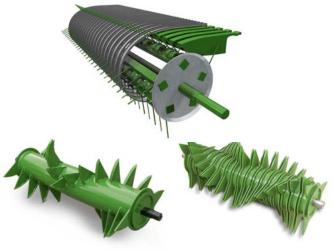






Comprima

The powerful range of round balers



Easy Flow

The first cam trackless pick-up on a round baler



Smooth crop flow into the chamber via feed rotor or rotor cutter XCut – the cutting edge with 17 or 26 blades



NovoGrip

The grippy baling system A KRONE exclusive!



Comprima F 125, F 125 XC

The fixed chamber round baler for 1.25 m (4'1") diameter bales



Comprima F 155, F 155 XC

The variable chamber round balers for 1.00 m -1.80 m (3'3"-5'11") diameter bales



Comprima V150, V150XC, V180, V180XC, V 210, V 210 XC

The variable chamber round balers for 1.00 m -2.05 m (3'3"-6'9") diameter bales



Net and twine wrapping

Active net / twine feed systems



Alpha, Beta II, Delta and CCI 200 Specify your needs



Productivity up, downtime down

Comprima CF 155 XC, CV 150 XC, CV 210 XC

CF 155 XC, baler wrapper combination with semi-variable fixed chamber CV 150 XC and CV 210 XC, baler wrapper combination with variable chamber

Twin arm wrapper

Two arms, twice the speed

Running gears

On the road to success Single and tandem axles

Technical data

Specifications in close-up

















Comprima – the powerful range of round balers

- Three chamber systems: Fixed, Semi-variable, Variable
- Unique: The semi-variable fixed chamber produces balediameters from 1.25 to 1.50 m (4'1" to 4'11")
- The cam trackless EasyFlow pick-up
- NovoGrip belt and slat elevator
- X-Cut 17, X-Cut 26, rotor cutters with lowering blade floors

Breaking new ground in round baling technology, Comprima sets a new benchmark in round baler manufacturing. Buying a Comprima means buying into KRONE's extensive experience and expertise in baler manufacturing. After all,

KRONE knows about farming. Comprima boasts a host of innovative features, including the camless EasyFlow pick-up and the new NovoGrip belt-and-slat elevator, which combine to deliver a dramatic increase in bale densities and throughputs while providing smoother

You name it, KRONE builds it.

running for less wear and maintenance.



Comprima F 125, F 125 XC: The fixed chamber baler for 1.25 m (4'1") diameter round bales offers a straightforward design and is particularly suited for silage applications.



Comprima F 155, F 155 XC: The fixed chamber round baler boasts the semi-variable system to produce bales of six different diameters – from 1.25 m to 1.50 m (4'1" to 4'11"). This semi-variable chamber is a unique and exclusive KRONE design.



Comprima V 150, V 150 XC, V 180, V 180 XC, V 210 and V 210 XC models with variable bale chamber produce bales of 1.00-2.05 m (3'3"-6'9") diameters. KRONE NovoGrip comprises two slat elevators that are controlled by a double swing and translates into highest densities.



Model	Bale chamber	Bale width x diameter	
Comprima F 125, F 125 XC	Fixed chamber	1.20 m x 1.25 m (3'11"x 4'1")	
Comprima F 155, F 155 XC	Semi-variable fixed chamber	1.20 m x 1.25 m to 1.50 m (3'11" x 4'1" to 4'11")	
Comprima V 150, V 150 XC	Variable chamber	1.20 m x 1.00 m to 1.50 m (3'11" x 3'3" to 4'11")	
Comprima V 180, V 180 XC	Variable chamber	1.20 m x 1.00 m to 1.80 m (3'11" x 3'3" to 5'11")	
Comprima V 210, V 210 XC	Variable chamber	1.20 m x 1.00 m to 2.05 m (3'11" x 3'3" to 6'9")	
Comprima CF 155 XC	Semi-variable fixed chamber twin arm wrapper	1.20 m x 1.25 m to 1.50 m (3'11" x 4'1" to 4'11")	
Comprima CV 150 XC	Variable chamber with twin-arm wrapper	1.20 m x 1.00 m to 1.50 m (3'11" x 3'3" to 4'11")	
Comprima CV 210 XC	Variable chamber with twin-arm wrapper film wrapped unwrapped	1.20 m x 1.00 m - 1.75 m (5'9") 1.20 m x 1.00 m - 2.05 m (6'9")	







Comprima CF 155 XC: The first baler wrapper combination with semi-variable fixed chamber is a unique and exclusive KRONE-design, which produces round bales of different diameters – from 1.25 m to 1.50 m (4'1" to 4'11").

Comprima CV 150 XC is the baler wrapper combination that features a variable bale chamber and a twin-arm wrapper to produce 1.00 m-1.50 m (3'3"-4'11") diameter bales. This model is specified with the 17-blade XC rotor cutter as standard specification

Comprima CV 210 XC: The biggest variable-chamber baler wrapper is a KRONE exclusive. This combination baler wrapper produces 1.00 - 2.05 m (3'3"-6'9") diameter bales in hay and straw and film wraps 1.00 - 1.75 m (3'3"-5'9") silage bales.



EasyFlow

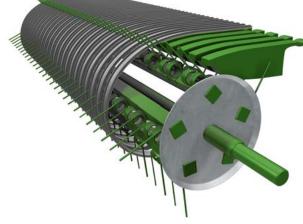
the first cam trackless pick-up on a round baler

i

- Cleaner gathering
- Higher productivity
- Quieter running
- Harder wearing
- Lower meintenance

KRONE is the first manufacturer to offer a pick-up without cam track. The highlight of this pick-up unit is the special design of galvanized scrapers, which ensure a continuous flow of crop as the tines retract. EasyFlow operates at a higher

speed for cleaner gathering and higher productivity.





Heavy-duty drive: The pick-up unit is driven by an automatically tensioned drive chain, which has a star ratchet clutch for reliable overload protection when the system picks up a foreign object.



Smooth flow of crop: Massive augers feed the crop from the sides to the middle of the machine to ensure a smooth flow of material from the wide pick-up unit into the narrower bale chamber.



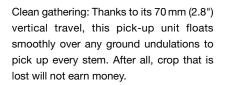
KRONE delivers to farmers' needs. The gauge wheels are height adjustable without tools to provide swift adaptation to current conditions. Running on pneumatic wheels, the unit gives a particular smooth ride.



The benefits are clear to see: The new EasyFlow pick-up gives very quiet running and boasts a straightforward design as well as a significantly reduced number of moving parts. Less wear, in turn, means lower maintenance and service costs. EasyFlow operates at a 30% higher speed than traditional systems to pick up more material more cleanly. Its wide working width of 2.15 m (7'1") (DIN 11220) gives operators the edge in wide windrows as well as in corners and bends. The standard roller crop guard ensures a continuous flow into the machine, even in less than uniform windrows while five rows of tines spaced 55 mm (2.2") apart leave nothing behind.









Space enough: Lifting out 30 cm (11.8"), the pick-up offers a generous ground clearance. At the same time, there is more space underneath the rotor, which allows blockages to be removed from this area.



A thought-through system: Coil springs adjust the ground pressure while chains fix the unit at its current working height. Fitting the chains at short lengths allows operating the pick-up without gauge wheels.



Feeder rake, feeder rotor or rotor cutter

■ Continuous flow of crop

i

- Uniform bale density
- High pick-up capacity
- XCut 17 rotor cutter 64 mm (2.5") blade spacing
- XCut 26 rotor cutter min. 42 mm (1.7") blade spacing

The KRONE Comprima round balers are equipped with either a feed rotor or a rotor cutter. Either system ensures an extremely smooth flow of material from the pick-up into the bale chamber. The XCut rotor cutters are specialist systems when it comes to achieving even higher bale densities and producing bales that break up easily in the feeding process. The rotor pulls the crop persistently through a maximum number of 17 or 26 blades, which are arranged on one plane.









Very grippy: Designed to handle massive volumes of crop, the feed rotor has an enormous capacity even when dealing with short forage that is picked up from small windrows, ensuring a positive and consistent flow of material to the baling chamber and leaving nothing behind. The feed rotor features two rows of welded tines in helical arrangement to ensure a uniform crop flow into the baling chamber and boost the overall pick-up capacity.

Massive and powerful: The large 530 mm (1'9") diameter feed rotor provides impressive reliability and throughput. It is driven by a gear wheel system that supplies frictional connection and a uniform power flow.

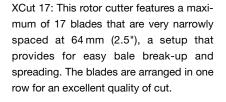


Highest throughputs and a superior quality of chop require a technology to match. More than just a cut-and-feed unit, the cutter also takes care of pre-compression. KRONE X-Cut rotor cutters are systems that provide an outstanding quality of cut and capacity.

They feature three rows of welded tines in chevron formation, which provide for continuous cuts and help spread the material uniformly across the entire chamber width.









XCut 26 for shorter cuts: This rotor version offers 26 blades that are spaced 42 mm (1.7") apart to provide for an outstanding quality of silage and higher bale densities as well as easier break-up at the feed passage.



Positive: All rotors are driven by massive spur gears, which withstand even the highest loads and provide positive and dependable drive power even when dealing with less than uniform windrows.



KRONE X-Cut

The cutting-edge concept

- Controlled cutting
- Automatic system operates0, 8, 9, 17 blades or0, 13, 13, 26 blades
- Individually protected blades
- Blade fitting/removal without tools
- Hydraulic blade floor

Finest quality of cut! XC rotor cutters from KRONE deliver. Specified with either 26 or 17 blades arranged on one plane and giving a nominal chop length of 42 mm (1.7") or 64 mm (2.5"), these systems provide cuts that make for higher bale densities, an enhanced quality of silage as well as easier and faster bale

break-up on the feeding floor. Straw that is cut to short lengths provides for easier spreading and better absorption of liquids while being easier to dispose of. Short cuts pay their way.



Smooth cutting: Comprima blades cut the crop across the entire length of the cutting edge. As the system pulls crop through the blades, cutting requires less power and is smoother, too. Their wavy edge provides for longevity and clear cuts over a long period of time.



Peace of mind: All blades are individually protected by coil springs to break back when hitting a foreign object. Once the object has passed, they return automatically to their previous position.



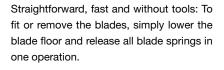
No escape: The tines pull the crop persistently through the narrowly spaced blades so that the crop cannot slip away and escape cutting. As a result, it cut clean and precise.



A familiar situation to any farmer – fail to pay attention for a moment in uneven windrows and suddenly the machine blocks up. Removing the blockage is no problem at all on Comprima XC. Simply lower the blade floor to increase the cross section of the feed area and allow the crop to pass smoothly, removing the blockage. There is no need to reverse the rotor cutter. Besides, there is no need to pick the crop up again. The hydraulic floor saves time and protects the machine and still gives easy access to the blades.





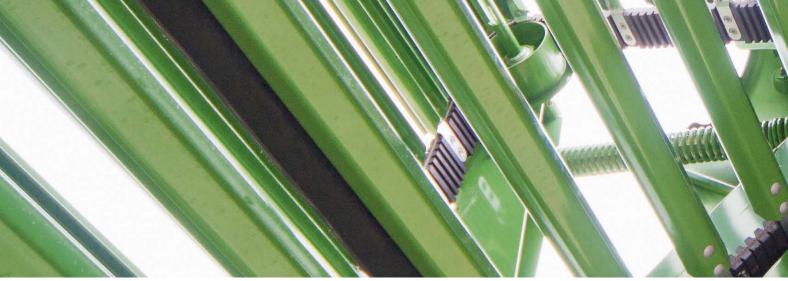




The blade operation system: The system selects a specific set of blades to set various cutting lengths. There is no need to remove individual blades. You can select 8, 9, 17 blades to obtain 64 mm (2'5") or 128 mm (5") blade spacings and 13, 13, 26 blades for 42 mm (1.7") or 84 mm (3.4") spacings. Set the control to 0 position to slide out all blades.



Highest operator comfort comes from the hydraulic blade selection system, which is available as an option. Select the full or half the number of blades conveniently from the tractor seat and chop the crop to the length required. Set the system to 0 and all blades retract from the feed channel and the system is not cutting.



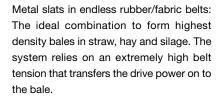
NovoGrip - firm grip on the crop



- Effective bale feed
- High loading
- Unmatched bale densities
- Quiet and smooth running
- Absolutely maintenance-free
- High longevity

NovoGrip is a new and unique baling concept, which has been developed during years of research and development. NovoGrip combines the bale feed strengths of chain and slat elevators with 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 secret behind the 100 % load rating: Layers of fabrics and rubber form an endless belt, which is vulcanised at the end of the process that creates belts of absolute strength for 100 % loading.



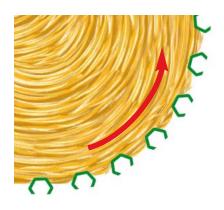
The belt structure: Each belt is made of three layers of high-strength polyester and polyamide fabrics plus a layer of rubber treading vulcanised to either side. The tread pattern gives the belt its superior elasticity and strength of high longevity.

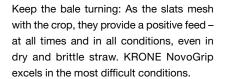


Round balers are operating the world over in a wide variety of applications and conditions. Therefore they need to perform equally well in straw, hay or silage. The challenge is well-known to anybody in the industry. Straw and hay tends to be very brittle at the end of a long and dry spell. Moisture contents vary from dry to heavy and wet silage while high sugar contents lead to 'sticky' problems. NovoGrip responds to these requirements and provides dependable operation in all of these conditions. KRONE Novogrip gives you true peace of mind. It is gentle but firm on the crop. As the slats 'mesh' with the bale, this keeps rolling while the belts provide the high pressure.











Durable and strong: The slat holders are bolted to the belts, with bolts mounting in bushes. The bushes also serve as distancers to provide the space that is required to tighten and lock the screws. The slat holders are mounted well protected between the rubber lugs.



Quality is key: We constantly test the belts for resistance to tear and separation of fabric layers and the rubber vulcanised to them. In the actual baling process they are exposed to only a fraction of their rated tear resistance.



The fixed chamber round baler with milling effect

Comprima F 125, F 125 XC

i

- 1.25 m (4'1") diameter round bales
- Unmatched bale density and quiet running – thanks to KRONE NovoGrip
- Straightforward design, few drive chains
- Optional X-Cut rotor cutter

Take advantage of the new fixed chamber round baler Comprima F 125. These machines feature the effective and cam trackless pick-up unit, the high-density NovoGrip baling system, A straightforward design as well

as high durability and ease of maintenance – all assets that will pay off fast.





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



Tidy: Drive chains are few and far between to minimise the required input power, increase operational reliability and reduce running costs.



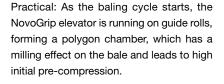
Uncluttered: All components and drives are easy to check and get at for convenient servicing and maintenance.



The KRONE fixed chamber round balers offer superior baling in silage, hay and straw, giving smooth operation in all crops as well as being exceptionally easy to operate and service. Built to a modular system, these models are available with a wide range of different specifications for you to tailor your baler to your needs. Customize your baler to your needs. Choose from a wide variety of specifications, such feed arm, feed rotor or XC rotor cutter with 17 or 26 blades, as well as double-twine or net wrapping, tandem axle, and 'Medium', 'Comfort' or 'CCI-ISOBUS' control system.









In best shape: As baling density increases, the elevator belts follow a different path, taking off from the guide rolls at the top and forming a circular chamber, the diameter of which determines the eventual diameter of the bale.



Dependable: As baling continues, the belt/slat elevator transfers the pressure to the springs, the tensioning bars and rolls. The degree of coil spring tension indicates the current compression. Yet, due to the geometries inside the chamber it cannot alter the bale diameter.



Semi-variable fixed chamber baler

Comprima F 155, F 155 XC

- The fixed chamber baler with variable properties
- 6 different 1.25 m 1.50 m (4'1" 4'11") bale diameters
- KRONE NovoGrip ultimate bale densities and quiet running
- Straightforward design
- Easy service and maintenance

Comprima F 155 and F 155 XC with semi-variable bale chamber are the first round balers that operate on the fixed chamber principle whilst producing bales of variable diameters that range from 1.25 m to 1.50 m (4'1" to 4'11"). Combining the functions of both fixed and variable chambers, the semi-variable chamber is a unique system on the world market. Relying on the new NovoGrip system, the design combines quiet running with high baling pressure. Comprima F155 XC features the XCut rotor cutter with up to 26 blades.



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



The chamber becomes circular: As more material is flowing into the chamber, the NovoGrip elevator forms a circle. 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 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 allow for a larger bale diameter.



Forward-looking farmers and contractors ask for innovative machinery that empowers them to increase their profitability and efficiency. Combining the strengths of fixed and variable bale chambers, the new Comprima F 155 with semi-variable bale chamber is a step forward. Boasting a straightforward design, Comprima F 155 and F 155 XC prove more cost saving and easier to service and maintain than variable chamber round balers. They produce bales of various diameters, with densities decreasing towards the centre with a relatively small and soft core even in large diameter bales and high bale weights.





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, which marks the moment when the bale has reached its preset diameter.



The stop rod/pin setting system: Here you set bale diameters from 1.25 m to 1.50 m (4'1" to 4'11") in 5 cm (2") steps. As you refit the pins in these telescopic stop rods, you restrain or release the tensioning swing and ultimately set the bale diameter.



Straightforward and simple: The semivariable Comprima F155 boasts a straightforward design and compact and relies on fewer components than a variable round baler.



Variable chamber balers

Comprima V 150, V 150 XC, V 180, V 180 XC, V 210, V 210 XC

- Comprima V 150: 1.00 - 1.50 m (3'3" - 4'11") diameter bales
- Comprima V 180: 1.00 - 1.80 m (3'3" - 5'11") diameter bales
- Comprima V 210: Bale diameters 1.00 - 2.05 m (3'3" - 6'9")
- Compression increases progressively as bale grows in diameter
- Two separate NovoGrip belt/slat elevators

The Comprima V 150, V 180 and V 210 variable round balers will be: round balers will be the machinery of choice, if you are looking for high throughputs and high densities. These round balers not only deliver high density bales, high quality of work and high level of standard specification but also boast a

double-swing guidance for the two elevators. The system comprises a double swing, the uncontrolled EasyFlow pick-up and the optional XCut cutter with hydraulic blade floor.





Two belt and slat elevators: 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, providing excellent bale feed and density.



A pressure control valve sets the bale density: As the bale grows and ram geometries inside the baler change, the pressure on the bale increases, ensuring the density is very high also in the outer layers of large-diameter bales. An electric pressure control is available as an option.



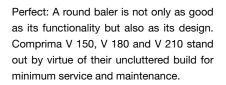
Standard soft core kit: Hay bales usually require a softer core for moisture to evaporate. The soft core is controlled by the bale chamber diameter in the initial phase of baling.



High versatility and utilization are key parameters in cost-effective round baler operation. The new variable Comprima V 150, V 180 and V 210 round balers were designed in response to contractor demands and are capable of producing bales of up to 1.5 - 1.8 m (4'11" - 5'11") and 2.05 m (6'9") diameters. Smaller bale sizes are often preferred in grass silage whilst larger bales are typical in hay and straw. The bale diameter is set infinitely variable and a softer core is possible so moisture can evaporate from hay bales for example. The chamber rolls the bale in a counterclockwise sense, which ensures high throughputs and a continuous crop flow from the bale start.

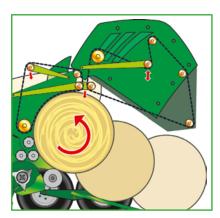








Variable baling: As more material enters the bale chamber, the two NovoGrip elevators press layer by layer to form tight and well-shaped bales. The slats mesh with the crop for a positive bale feed at any stage of the cycle.



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. As a last step, the tailgate opens and the bale is ejected.



Perfect wrap for perfect shape

- Active net/film feed via a swing and a guide plate
- Effective application of the net/film Short feed line
- Automatic start of wrapping
- Accepts all common types of net
- Four threads wrapping up in no time

The KRONE Comprima round balers are available with three different wrapping systems: net, film or the quad twine system. All three systems are very fast and lead to higher work rates.





High storage capacity: The large and waterproof twine storage box holds up to 10 balls of twine or 4 balls of twine and 2 rolls of net or 3 net rolls. The net rolls (up to 3,600 m (2.24 mi)) are secured by a retainer.



Electric net feed: At the end of the baling cycle, net wrapping is triggered by an electric motor, which actuates a serrated guide plate to feed the net into the bale chamber.



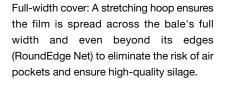
Wrapped up tight: The adjustable net brake makes for tight wraps and well-shaped bales that do not loose shape in transport. It is also very beneficial when using different types and qualities of net.



The tying/wrapping system is located at the machine's front end. In this position it is closer to the baling chamber which results in a short and straightforward net feed. Besides, the operator can easily monitor the system during work. The dispenser shaft swings out for easy refill by sliding the new roll on to the shaft.









Bale watch: A sensor senses the number of wraps on a crown gear and sends the signals to the cab computer. Once the programmed number of wraps is completed, the net is cut automatically.



Clean cut: The blade spans across the full machine width. As a pawl is released, the blade swings underneath the tensioned net to perform the cut.



Net and film wrapping - simple and effective

Perfect solution

The net/film/twine is fed into the bale chamber directly. Therefore, it is not necessary to be picking up material to start net wrapping. A plate with a serrated edge catches the net/film/twin and hands it over to the feed roller, where it is applied to the bale. A fast, dependable and effective system.





Net start position: The guide plate is in a raised position during baling, with the net hanging approx. 20 cm (7.9") from its serrated edge. The blade is still in cutting position and the net brake is applied.



Net feed position: The swing controls the guide plate with dangling 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 blade is swung out.



Net wrap position: The swing returns the plate into wrapping position. The brake tensions the net. The bale pulls the net over the stretching hoops and the guide plate and on into the chamber. The wrapping cycle starts.



Net cutting position: The guide plate is fully raised. The pawl on the cutting system is released, the blade swings into the tensioned net, cutting it as it does so.



Four threads wrap up in no time

The quad twine wrapping system from KRONE ties the bale much faster than the twin twine wrapping system. Simple by design, it is extremely dependable, makes the four threads overlap perfectly and applies multiple twine layers to the edges. The system is started either automatically or manually from the operator terminal.





Perfect twine guidance: A coned pulley controls the number of twine layers applied per cycle. Two guide blocks space the four threads uniformly across the full width of the bale. As the cycle starts, the threads run over the rubber wheel and the pressure roller and into the bale chamber, where they are picked up by the rolling bale. The threads are always attached and cut in the middle of a bale so you won't find them sticking out on the edges. QuattroSpeed delivers well-shaped bales.



The operator terminals

Alpha, Beta II, Delta and CCI 200

Convenient
Well laid out
Compact
Graphical user interface on all models from Beta II
CCI 200 – the universal ISOBUS terminal

The KRONE Comprima round balers can be controlled from various control units depending on user requirements.

The Alpha, Beta II, Delta and CCI 200 terminals suit all Comprima models and versions.





This is the all-important control box: The job processor of the 'Medium' and 'Comfort' control system records all sensor signals and transfers them to the terminal. It also triggers the automatic tying cycle.



Well-shaped bales: If specified with the Medium electronic system, Comprima F 125 and F 155 will have a scale on either side at the front. These indicate the current pressure inside the baling chamber.



At a glance: The Medium electronic system variable round balers have scales on either machine side, which indicate the current bale diameter. The system produces absolutely uniform bales.



All KRONE operator terminals boast a rugged design, a clear user interface and easy use at dark. The CCI 200 unit offers the full range ISOBUS functions.





Alpha terminal and the Medium control box These units display information on the final bale diameters and compression, give audible alarms that indicate automatic/manual start of net wrapping and set and control the number of net wraps.







Beta II terminal

This easy to use terminal (Comprima F and V only) offers a 4.3" colour display screen and a touch pad with 8 well grouped keys. The unit displays baling pressures, bale diameters, start of tying/wrapping and bale counts and shows all spool and sensor functions. The optional joystick (WTK) will add further comfort to the user-friendly terminal.

Delta terminal

Delta has a 5.5" touch screen, a touch pad with 12 function keys, and a dial, allowing operators to retrieve information on valve / sensor and diagnosing functions as well as yield data. For added operator comfort, it also has inputs for an optional joystick (WTK) with customizable controls and a CCTV camera.

One box for all:

CCI 200 not only offers all Beta II features but is compatible with all ISOBUS equipment. The display features intuitive operation from high-quality controls.

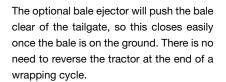


Comprima - productivity up, downtime down

KRONE Comprima round balers feature a host of innovative functions that you will surely appreciate. Their straightforward design provides easier handling and operation while guaranteeing minimum maintenance and maximum longevity. Maintenance benefits from lubrication banks and an eccentric pump for automatic chain lubrication. The well-conceived design is complemented by further options that enhance output and reduce wear both on tractor and machine. Take, for example, the bale ejector, which eliminates the need to reverse the tractor when unloading the bale.









Longer service life: The automatic chain lubrication system with large oil reservoir and eccentric pump is optional specification that minimises maintenance and boosts Comprima's cost-effectiveness.



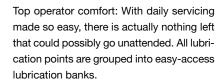
Automatic lubrication: An eccentric pump supplies oil to the chain drives. The rate is set on the eccentric control. With grease points located in protected areas, lubrication is more effective and longer lasting.



KRONE round balers are not only designed for highest densities and outputs but are also outstanding for their straightforward layout and easy accessibility. Service and maintenance on Comprima is as easy as it can get. The panels open easily and from the ground, giving convenient access for brief checks and attention to the drives.









Smooth running: The heavy-duty roller chains bear the highest loads and feature spring-loaded and automatic tensioners to reduce maintenance and enhance longevity.



Curved and typically KRONE: The stylish plastic panels are shock-proof, UV stable, weather resistant and withstand heat and cold.



Baler wrapper combinations with NovoGrip system

Comprima CF 155 XC, CV 150 XC, CV 210 XC

- Cut labour and fuel costs
- Separate hydraulic system
- Maximum operator comfort
- NovoGrip highest densities and quiet running
- Camless EasyFlow pick-up
- 17 blades (standard)26 blades (option)

Comprima CF 155 XC with semi-variable bale chamber,
Comprima CV 150 XC and CV 210 XC with variable bale chamber –
a formula that works. These baler wrapper combinations integrate
two operations in one machine, eliminating

the use of a second tractor and operator. Moreover, with the baling and wrapping modules coming from the same manufacturer, all machine functions and cycles are automatically controlled and perfectly

sequenced to provide an absolutely smooth performance.



KRONE EasyFlow: Comprima baler wrapper combinations are specified with the camless EasyFlow pick-up unit, which offers a working width of 2,150 mm (7'1") (DIN 11220). Operating at a 30 % higher speed, these balers have an enormous appetite and deliver unmatched throughputs.



The XC rotor cutter: Operating mostly in wilted silage, all baler wrapper combinations are specified with the XC rotor cutter that is specified either with 17 or 26 individually spring-loaded blades.



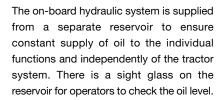
The NovoGrip elevator with rubber treaded fabric belts and slats is standard specification on all Comprima baler wrappers. The unique system delivers high bale densities while providing quiet running and maximum longevity.



If the task is to harvest quality silage, Comprima CF 155 XC, Comprima CV 150 XC and Comprima CV 210 XC will give you true peace of mind. Wrapping right after baling, these combinations ensure the silage quality does not deteriorate as the bale sits in the field, waiting to be wrapped. In addition, a combination eliminates the risk of crop contamination as bales are not placed on the ground before film wrapping. Heavy crop is no problem either, thanks to a separate hydraulic system that controls and sequences all functions as well as standard tandem axles that reduce the risk of rutting.









The separate 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 in the event of a blocked main gearbox.



Flexible: Comprima CF 155 XC, CV 150 XC and CV 210 XC offer the flexibility to bale hay and straw bales without film wrapping them. This means that the bales are dropped in pairs for efficient handling and loading.



Unique – the first baler wrapper with semi-variable fixed chamber

Comprima CF 155 XC

- 6 different 1.25 1.50 m (4'1"-4'11') bale diameters
- Automatic bale/wrap function management
- Reliable bale transfer by lift arm
- Compact and short design

Comprima CF 155 XC. It is the only baler wrapper combination that features a semi-variable fixed bale chamber. This bales

(4'1"-4'11") diameters. Built to a short and compact design, the machine boasts the NovoGrip system

and a standard tandem axle.





Comprima CF 155 XC is the world's first machine that integrates all variable baling and wrapping functions into one machine. You can easily meet customer requirements for larger-diameter silage bales, because you save film and time spent on bale collection. Larger-diameter bales are now also preferred in hay and straw.



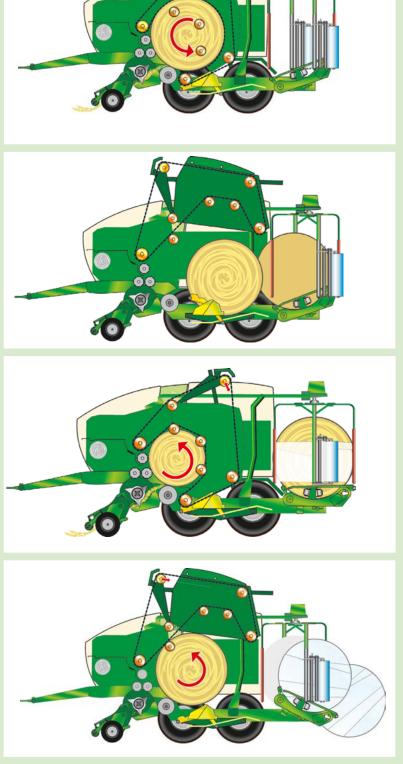
Precision control: The lift arm places the bale fast, accurately and centrally on the wrapping table, even on hillsides.



The pin setting system: Bale diameters are set in 5 cm (2") steps from 1.25 m to 1.50 m (4'1" to 4'11") by refitting a pin on the rods on either side of the machine. The rods adjust the baling pressure of the NovoGrip system. It's easy.



A fully automatic and integrated system: As soon as the baling chamber is filled or the preset density is reached, the system signals the operator to stop. The net is fed into the baling chamber and net wrapping starts. Then the tailgate opens and the lift arm transfers the bale onto the wrapping table. As the baler resumes baling, the wrapper starts wrapping and stops automatically when the preset number of wraps has been applied. Next time the combination stops, because the current baling cycle is completed, the wrapping table tips to the rear to drop the bale onto a rubber mat. As expected, the operator can override any machine function from the control unit and determine the point of bale discharge.





Baler wrapper combination with variable chamber Comprima CV 150 XC

- Variable 1.00 1.50 m (3'3"-4'11") bale diameters
- KRONE NovoGrip High density Quiet running
- Automatic bale/wrap function management
- Reliable bale transfer via chain and slat conveyor

KRONE Comprima CV 150 XC is a baler wrapper combination that features a variable bale chamber. It shares the baling module with the CV 150 XC variable round baler with XC cutter. Its NovoGrip baling system produces highest

density bales of variable diameters from 1.00 m to 1.50 m

(3'3"-4'11").







A fully automatic and integrated system: As soon as the baling chamber is filled or the preset bale diameter is reached, the system signals the operator to stop. The net is fed into the baling chamber and net wrapping starts. Then the tailgate opens and the bale is transferred via the conveyor to the wrapping table. As the front unit

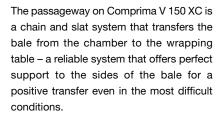
resumes baling, the rear unit starts wrapping and stops automatically when the preset number of wraps has been applied. Next time the combination stops, because the current baling cycle is completed, the wrapping table tips to the rear to drop the bale onto a rubber mat as described for Comprima CF 155 XC.



The Comprima CV 150 XC baler wrapper with variable bale chamber offers a wide range of applications. The machine bales and wraps silage bales of 1.0 m-1.5 m diameters, because baler and wrapper form a perfect match. Up to 17 or 26 blades chop the crop so that the bales are easier to break up. Allowing operators to unload two bales in one batch, the machine also makes bale collection more efficient.









Powerful drive: The chain and slat elevator is driven by two hydraulic motors that are mounted to either side of the elevator. Their combined drive power transfers even the heaviest bales reliably and consistently to the wrapping table – even on tougher ground conditions.



A sure touch: The chain and slat wrapping table cradles and rotates any bale. The guided chain/slat system prevents the bale from bouncing on the table to ensure smooth wrapping.



Biggest bales – maximum efficiency

Comprima CV 210 XC

■ Variable chambers for variable 1.00 - 2.05 m (3'3" - 6'9") bale diameters

- Variable film wrapper for variable 1.00 1.75 m (3'3" 5'9") bale diameters
- Film wrapper adjusts automatically to the current bale diameter
- Compact design
- Very fast bale transfer from the chamber as bale drops onto the table by gravity

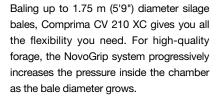
The variable baler wrapper from KRONE responds to demands for larger hay and straw bales of up to 2.05 m (6'9") diameters and

for silage and haylage bales of up to 1.75 m (5'9") diameters. After all, the larger the bales the higher your workrates and the better the tractor's fuel economy. In addition, bigger bales

reduce wrapping costs per tonne of crop
as well as time and cost spent on handling

and transport.







Handling the bale: the design and arrangement of the chamber and the wrapping table allow the bale to simply drop from the chamber onto the table. Should this be a problem in undulating terrain, the bale will get a lift from a lifting handle.

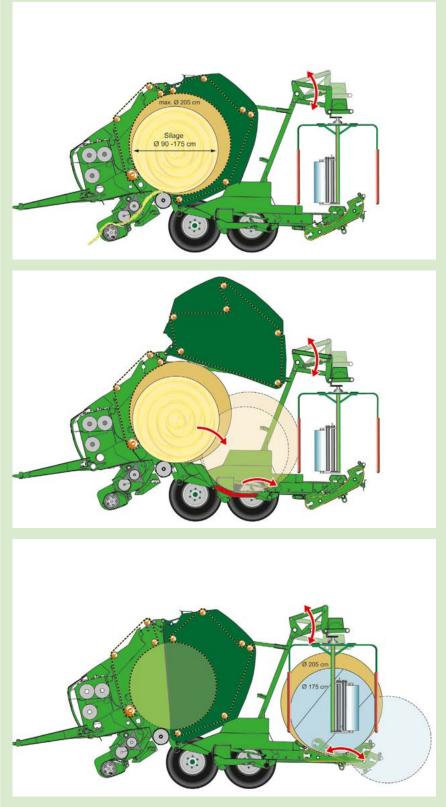


Clever stuff. To guarantee a perfect wrap, the film dispenser adapts hydraulically to the current bale diameter that was programmed to the terminal. It also clears the way to allow large hay and straw bales pass through for unloading without wrapping.



Perfect functionality and handling.

Comprima CV 210 XC is easy to operate. You simply enter the pressure, the diameter, the number of net wraps and the settings for the film wrapper. Once this is done, the baler wrapper will go about its business fully automatically. The chamber door opens just wide enough to eject the bales of any size, which drop on the turn table simply by their weight, which is fast and results in a compact overall design. A handle bar may give the bale 'a lift' as required on slopes after being triggered by a sensor. The award winning film wrapper on Comprima CV 210 XC wraps up to 1.75 m (5'9") diameter bales and adjusts automatically to the preset diameter. The two dispenser arms move into their top positions to clear the way so large and up to 2.05 m (6'9") straw and hay bales pass through without wrapping and for unloading in pairs. werden können.

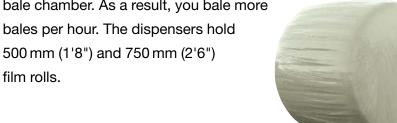




Double the output in half the time

- Positive bale rotation on chain/slat wrapping table
- Deep cradle gives optimum bale stability
- Clasping film tie system
- Controlled precision cut
- Automatic single arm wrapping at film end or break

Multiple functionality requires perfect synchronisation of all functions. This is exactly what KRONE baler wrapper combinations do. With both baler and wrapper coming from the same manufacturer, all functions are sequenced perfectly. The twin arm operates very fast to clear the wrapping table in time for the next bale from the bale chamber. As a result, you bale more





Two can work faster than one: The twin arm wraps twice as fast and halves the time that is required for wrapping, boosting the overall machine output. Arm position is recorded by position sensors and film break is detected by non-contact sensors.



Convenient handling: The dispensers give a 50% to 70% film stretch and are easily adjusted on the double spur gears. This standard feature helps save film and gives the flexibility to use different types of films.



Perfect in every detail: The hydraulic drives of the chain and slat elevator and the twin arm are sequenced to ensure perfect film overlapping. The dead stop handle instantly stops wrapping upon contact.



The wrapper works extremely reliably. After wrapping is completed, a pull down arm grips the film, pulls it down and ties it in position, gathering and pleating it in the process to ensure the thick film end is firmly clasped. The system guarantees wrapping is resumed trouble-free for a reliable machine performance.





As easy as it gets: The operator selects the number of wraps (2, 4, 6 or 8) from the cab-mounted control unit and operates a lever on the chain and slat elevator gearbox to set the wrapping table to 500 mm (1'8") or 750 mm (2'6") film.



Perfect cut: As the wrapping table is raised to tip off the bale, the film is automatically perforated by blades that are mounted on either side. As the bale rolls off the table, the film breaks along the perforated line.



Perfect support: The wrapping table on the Comprima baler wrapper forms a deep cradle that supports the faces of the bale as it is placed onto the table and wrapped – an ideal system for hillside operation.



The optional bale turner places the bale on its face. The faces of a bale are covered by an extra number of wraps to protect them from damage by stubble and birds. Bale collection, too, is easier when the bales are turned. Moreover, the bales are easier to pick up and handle and there is no need for a hydraulic pivoting grab. The bale turner easily folds away when the machine is operating in straw and hay where two bales are discharged at the same time.





Film roll storage: Located right next to the wrapping unit, two large storage compartments hold as many as ten film rolls (500 mm (1'8") and 750 mm (2'6")) to protect them from rain and dust. Comprima CV 210 XC offers capacity of 12 film rolls.



Convenient and easy: The film holders in the box pivot to offer convenient loading. Simply slide the roll onto the holder and fold the holder to vertical position.



Air-tight seal: The rubber mat protects the bale during unloading and swings up and out of the way in hay/straw operations and when travelling between fields.



KRONE Comprima baler wrappers offer operators very convenient operation. Choose between our 'Gamma' and 'ISOBUS' control option with or without CCI terminal. The CCI terminal serves as a master control unit for ISOBUS controlled machines by many different makes. All baling and wrapping functions are sequence controlled. At the same time, the system gives audible and visual alarms to update the operator on all operations. Naturally, he can intervene at any time and operate the machine manually from the box.



Gamma terminal



ISOBUS CCI 200 terminal



At the heart of the system is the job processor, which receives all sensor signals and passes them on to the control unit to update the operator. The job processor is actually the 'head' of the machine, which reduces the workload on the operator.



Neatly grouped and strong: The solenoid operated valve chest controls the entire film wrapping process to give the operator absolute peace of mind. The valves allow manual operation in the unlikely event that the electric system fails.



Just in case: The quick-stop switch and the dead stop handle on either twin arm instantly stop the current wrapping operation. These devices give maximum safety when working around the machine.



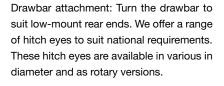
On the road to success

- Standard tandem axles
 on Comprima baler wrappers
- Optional tandem axles on Comprima models without wrappers
- Outstanding operator comfort
- Quiet running
- Less compaction

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 knowing that you are geared up for the job.









Pin hitch attachment: Pin hitch attachment is preferred in many countries. The drawbar features a notch system that provides easy and dependable adjustment to any hitch height.



Stable stand: The sturdy stand adjusts to different heights thanks to a threaded head spindle, the bottom part of which telescopes to provide sufficient ground clearance when operating in big windrows. A hydraulic stand is available as an option.



Swift road transport takes higherquality and quiet running axles. The tandem axle offers superior comfort for swift travel on rough terrain and roads. At the same time, it spreads the load onto four wheels to eliminate scuffing and provide easier pulling. The air brake or hydraulic brake (export version) gives added safety during fast travel and in sloping fields.





Enhanced safety: An air brake system is standard specification on the models Comprima V 180 CX, CF 155 XC and CV 150 XC and an option on all other Comprima models. Export models can be specified with hydraulic brakes.



The standard axle with customized tyres: Depending on model and axle specification, all models are available with 15.0/55-17 10 PR to 500/55-20 12 PR tyres. Large flotation tyres reduce the risk of ground compaction and prevent rutting.



The KRONE high-clearance tandem axle provides optimum soil protection as well as quiet and safe running. Depending on model, the tandem axle is available with 15.0/55-17 10 PR to 500/55-20 12 PR sized tyres.



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.













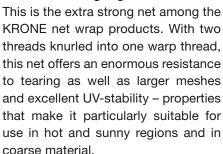


excellent StrongEdge

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.







Technical data of KRONE excellent net wraps

Product	Length m (miles)	Width mm	Number of linear warp threads	min. resistance to tearing in kg	X-treme UV
Edge	2.600 (1.6)	1.245 (4'1")	50	260	\checkmark
Edge	3.600 (2.2)	1.245 (4'1")	50	260	\checkmark
RoundEdge	2.600 (1.6)	1.245 (4'1")	50	260	\checkmark
RoundEdge	3.600 (2.2)	1.245 (4'1")	50	260	abla
StrongEdge	2.600 (1.6)	1.245 (4'1")	50*	320	\checkmark
StrongEdge	3.600 (2.2)	1.245 (4'1")	50*	320	\checkmark



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 (4'2") 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	Width mm	Length m (miles)	Thickness µm	No. of layers
SLIDE 500	500 (1'8")	1.800 (1.12)	25	5
SLIDE 750	750 (2'6")	1.500 (0.93)	25	5
SLIDE Extra	750 (2'6")	1.900 (1.18)	21	5
SLIDE Smart 750	750 (2'6")	1.500 (0.93)	25	3
RoundWrap	1.280 (4'2")	2.000 (1.24)	16	5





Technical data

Round balers

		Fixed chamber		Semi-variable fixed chamber	
Model		Comprima F 125	Comprima F 125 XC	Comprima F 155	Comprima F 155 XC
Bale diameter x width	approx. mm	1,250 x 1,200 (4'1" x 3'11")	1,250 x 1,200 (4'1" x 3'11")	1,250 - 1,500 x 1,200 (4'1" - 4'11" x 3'11")	1,250 - 1,500 x 1,200 (4'1" - 4'11" x 3'11")
Length	approx. mm	4,700 (15'5")	4,700 (15'5")	4,700 (15'5")	4,700 (15'5")
Width	approx. mm	2,610 (8'7")	2,610 (8'7")	2,610 (8'7")	2,610 (8'7")
Height	approx. mm	2,650 (8'8")	2,650 (8'8")	3,150 (10'4")	3,150 (10'4")
Cam trackless Pick-up working width (DIN 11220)	approx. mm	2,150 (7'1")	2,150 (7'1")	2,150 (7'1")	2,150 (7'1")
Rows of tines		5	5	5	5
Feeder rotor		Standard	-	Standard	_
Rotor cutter with 17 blades minimum blade spacing	approx. mm		Standard 64 (2.5")		Standard 64 (2.5")
Rotor cutter with 26 blades minimum blade spacing	approx. mm	- -	Option 42 (1.7")		Option 42 (1.7")
Tyre size on single axle 15.0/55-17 10 PR 500/50-17 10 PR 500/55-20 12 PR		Standard Option –	Standard Option Option	Standard Option –	Standard Option Option
Tyre size on tandem axle 15.0/55-17 10 PR 500/50-17 10 PR 500/55-20 12 PR		- - -	Standard Option Option	Standard Option Option	Standard Option Option
Power requirement	approx. kW/HP	48/65	48/65	51/70	51/70
Power supply		12 V	12 V	12 V	12 V
Hydr. couplers		2 x sa	2 x sa	2 x sa	2 x sa

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



Variable chamber

Comprima V 150	Comprima V 150 XC	Comprima V 180	Comprima V 180 XC	Comprima V 210	Comprima V 210 XC
1.000 - 1.500 x 1.200 (3'3" - 4'11" x 3'11")	1.000 - 1.500 x 1.200 (3'3" - 4'11" x 3'11")	1.000 - 1.800 x 1.200 (3'3" - 5'11" x 3'11")	1.000 - 1.800 x 1.200 (3'3" - 5'11" x 3'11")	1.000 - 2.050 x 1.200 (3'3" - 6'9" x 3'11")	1.000 - 2.050 x 1.200 (3'3" - 6'9" x 3'11")
4.995 (16'5")	4.995 (16'5")	5.295 (17'5")	5.295 (17'5")	5.530 (18'2")	5.530 (18'2")
2.610 (8'7")	2.610 (8'7")	2.610 (8'7")	2.610 (8'7")	2.610 (8'7")	2.610 (8'7")
2.990 (9'10")	2.990 (9'10")	3.150 (10'4")	3.150 (10'4")	3.150 (10'4")	3.150 (10'4")
2.150 (7'1")	2.150 (7'1")	2.150 (7'1")	2.150 (7'1")	2.150 (7'1")	2.150 (7'1")
5	5	5	5	5	5
Standard	_	Standard	_	Standard	_
-	Standard 64 (2.5")	_ _	Standard 64 (2.5")	_ _	Standard 64 (2.5")
	Option 42 (1.7")	- -	Option 42 (1.7")	- -	Option 42 (1.7")
Standard Option Option	Standard Option Option	Standard Option Option	Standard Option Option	– Standard Option	– Standard Option
– Option Option	– Option Option	– Option Option	– Option Option	– Standard Option	– Standard Option
51/70	51/70	59/80	59/80	66/90	66/90
12 V	12 V	12 V	12 V	12 V	12 V
2 x sa with free return line	2 x sa with free return line	2 x sa with free return line			







Technical data

Baler wrapper combinations

Model		Comprima CF 155 XC	Comprima CV 150 XC	Comprima CV 210 XC
Bale diameter x width	approx. mm	1.250 - 1.500 x 1.200 (4'1" - 4'11" - 3'11")	1.000 - 1.500 x 1.200 (3'3" - 4'11" - 3'11")	1.000 - 2.050 x 1.200 (1.000 - 1.750 x 1.200) 3'3" - 6'9" - 3'11" (3'3" - 5'9" - 3'11")
Length	approx. mm	6.578 (21'7")	7.239 (23'9")	7.560 (24'10")
Width	approx. mm	2.960 (9'8.5")	2.960 (9'8.5")	2.960 (9'8.5")
Height	approx. mm	3.410 (11'2")	3.080 (10'1")	3.630 (11'11")
Cam trackless Pick-up working width (DIN 11220)	approx. mm	2.150 (7'1")	2.150 (7'1")	2.150 (7'1")
Rows of tines		5	5	5
Feeder rotor		-	_	-
Rotor cutter with 17 blades minimum blade spacing	approx. mm	Standard 64 (2.5")	Standard 64 (2.5")	Standard 64 (2.5")
Rotor cutter with 26 blades minimum blade spacing	approx. mm	Option 42 (1.7")	Option 42 (1.7")	Option 42 (1.7")
Tyre size on tandem axle 500/50-17 10 PR 500/55-20 12 PR 620/40-R 22.5 148 D		Standard Option —	Standard Option —	– Standard Option
Power requirement	approx. kW/HP	74/100	74/100	81/110
Power supply		12 V	12 V	12 V
Hydr. couplers		1 x sa	1 x sa	1 x sa

^{() =} film wrap

MARONEInternet



Discover the world at KRONE and browse through our website pages to find facts and figures and also new developments plus a wide range of services. Explore our website and find out how versatile the KRONE world is.



News

Click here to find up-to-the minute information about KRONE – from new product presentations to show reviews. Here you are at the pulse of KRONE life.



Products

Find extensive information on our full product range. This section holds everything you need – from video clips to manuals.



Sales organisation

Here you find a distributor in Japan as well as your local KRONE dealer who will be pleased to support you. This is where you find your KRONE partner who will be pleased to assist you.



Jobs

Would you like to join our company? KRONE is often looking for diligent and motivated staff to work at our farm machinery factory as well as at our commercial trailer production plant. So, this section is always worth a visit.



Media center

The KRONE 'database' holds thousands of documents, pictures, test reports and much more. Here you find very detailed information on KRONE products that are of special interest to you.



Events

Are you in for a KRONE live experience? Check out for KRONE events and look at a machine on show or watch it during a demonstration. After all, there is little that is more effective than a hands-on experience.





Service

Here you find all the service information you require — from a point of contact at the factory to finance schemes for your KRONE machine as well as training schemes for staff and users.



Download Center

Are you looking for a KRONE calendar for your desktop or a smart picture for your presentation? Here, at the KRONE download center, you will find plenty of useful material for a wide range of projects.



Used Machinery

KRONE often has a wide range of demonstration or exhibit machinery on offer. This is a good site to find your KRONE machine. Then contact your local KRONE dealer to arrange the details of a potential purchase.



Parts

24/7... This service gives you the opportunity to find your KRONE part at any time and without waiting. The KRONE Agroparts Portal has an article number and exact description for every part. You can order the part instantly at your local KRONE dealer by sending an e-mail to Agroparts.



KRONE shop

Are you looking for a gift or are you a collector of farm models? Then you should definitely shop around at our KRONE shop. We take your orders at any time of the day.

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