

# BiG Pack

EN

HDP II 1290 (VC)





# BiG Pack HDP II

The new generation of large square baler

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- **Maximum throughput at highest baling density** – the most powerful machine of the range
- **Powerful starter aid** – simplifying machine start-up even further
- **Proven Active pick-up** – for the highest throughput and minimal wear – now includes hydraulically adjustable crop press roller unit
- **VariCut cutting unit with 26 or 51 blades and belt drive** – for maximum power and the best cutting quality
- **Variable Filling System (VFS)** – electronically adjustable from the cabin, ensuring thorough mixing and even channel filling
- **Eight snippet-free double knotters (KRONE V knotter)** – guarantee maximum operational safety
- **KRONE PowerClean system uses positive pressure to keep the knotter table clean** – impurities never develop in the first place
- **New maintenance concept** – significantly simpler offering optimum accessibility
- **Large tyres (26.5" or 30.5")** – ensuring sward protection during operation and minimal rolling resistance
- **Ready for the dosing system tagger and BaleCollect as standard**





*KRONE BiG Pack HDP II 1290 –  
More power. Greater comfort.  
More bales.*



#### **KRONE BiG Pack HDP II 1290 (VC)**

Equipped with eight revolutionary and snip-pet-free KRONE V-knotters, this is a professional machine offering maximum bale density, unmatched power and uncompromised efficiency even in the most difficult operating conditions. Die BiG Pack HDP II 1290 (VC) sets new standards producing an extremely high number of bales and exceptional bale density in the shortest amount of time. Sturdy and designed for a long service life, it tackles the harshest conditions with ease, every day and in every season. This machine is the perfect solution for anyone looking for uncompromised power.



# BiG Pack

## The success story

### The first BiG Pack

The BiG Pack is born –  
KRONE builds its first  
big baler ...



### Packing several small bales into one BiG Pack

KRONE presents the MultiBale System – The  
first baler on the market which can tie both big  
bales and up to nine small bales in one big bale.

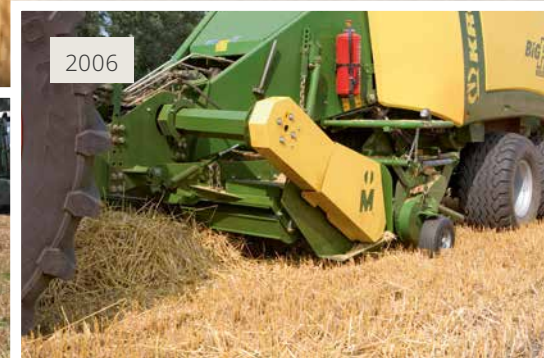


### VFS is launched

VFS – The variable filling  
system from KRONE is being  
launched. The double knotter  
is now available for many BiG  
Pack models.

### More options

PreChop – The integrated pre-chopping system  
refines the straw harvest and opens up new  
opportunities for square bales.



### A new benchmark

The BiG Pack 1290 HDP is launched and has  
had a significant impact on worldwide straw  
haulage ever since.





### Record throughputs

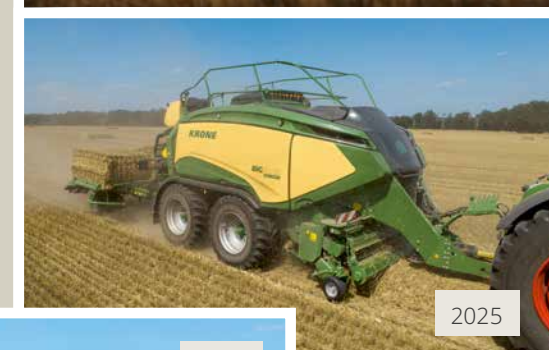
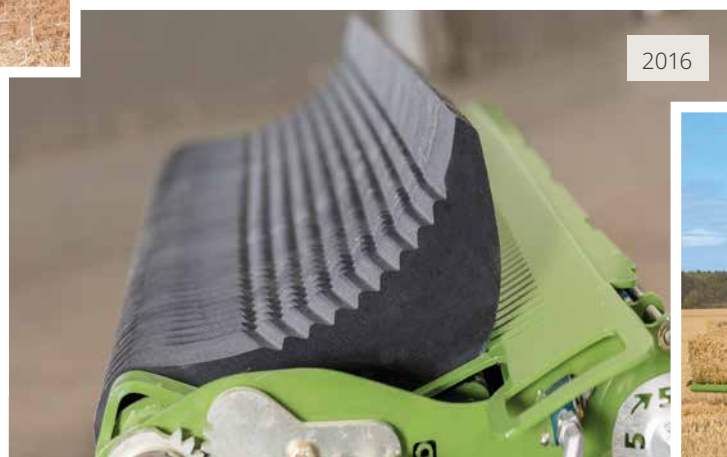
The BiG Pack HDP II rips up the record book. KRONE launches a completely new big baler that scales new heights in terms of throughput and density.

### Accumulating bales

The KRONE BaleCollect is an effective tool in optimising straw harvesting. This bale collector can collect up to three bales in the field. Thanks to its telescoping drawbar BaleCollect tracks behind the baler like trailer on public roads.

### V-knotter

Maximum operational reliability thanks to double knotter technology without any annoying twine snippets. The KRONE V-knotter is convincing.



### Higher densities and higher throughputs

The "HighSpeed" generation overtakes the market for large square balers – up to 20 % more throughput at the same density compared to the previous model.

### New, variable cutting unit

KRONE's short straw cutting range gets a boost with the 51-blade VariCut (VC) cutting system.

### High Performance

Delivering boosted productivity through higher operator comfort, the new BiG Pack generation is set to supplement the HighSpeed generation

### The new generation of the BiG Pack HDP II 1290

An improved throughput rate, a higher baling density, increased comfort: The BiG Pack HDP II 1290 (VC) is setting new standards and is thus following the success of its predecessor.



# Die KRONE Active pick-up

Maximum pick-up, *minimal maintenance*



## Simple. Clean. Efficient.

The camless EasyFlow pick-up impresses with its simple design and fewer moving parts, which ensures quiet running and reduced wear, as well as reduced service and maintenance costs. With a working width of 2.35 m and fitted with five rows of tines spaced 55 mm apart, the camless EasyFlow pick-up does a clean and reliable job. The combination of the actively powered feed roller and the side-mounted feed augers particularly highlight their strengths when processing dry, brittle material by always delivering high throughput rates and the best crop quality.



Scan for more information!

## Continuous crop flow

- **Clean work**  
More power thanks to active feed roller
- **Massive crop press roller unit**  
for superior performance
- **Smoother running**  
thanks to camless design
- **Less wear**  
with 68% fewer moving parts
- **Maintenance-free and long-lasting**

**KRONE Active Pick-up** – a clever combination of the tried-and-trusted camless EasyFlow Pick-up plus an additional powered feed roller. The two combined make a perfect match that delivers a pick-up performance second to none on the market while keeping wear to a minimum. More than that, they feed the material in an exceptionally smooth flow into the machine – regardless of whether it is equipped with cutting system or not. Increase your work rates and throughputs.





### Depth control fitted as standard

The standard depth limiter adjusts the pick-up to work in long stubble, reducing the strain on the guide wheels which only lift the pick-up on very uneven terrain.



### A continuous flow

The massive crop press roller unit ensures a continuous crop flow. A double-acting control unit is used to adjust the height of the holding-down clamp, so that it can be optimally adapted to the swath size. The set height is displayed on a scale. Springs permanently reduced the load on the holding-down clamp.



### Ground friendly wheels

The pneumatic caster wheels follow every curve and are height-adjustable without tools. The sward is even protected on curves, thanks to their excellent castering behaviour.



# The KRONE VariCut (VC)

26 or 51 blades *for free cutting*

## Baling short straw

- **Up to 51 blades**  
produce short and highest-quality straw
- **Variable blade group control system**  
for various cutting lengths
- **Belt drive and five-star rotor for maximum efficiency**
- **Optional reversing device**  
to quickly resolve blockages
- **Choice of two systems with 26 or 51 blades**  
to suit individual needs

VariCut26 and VariCut51 offer machine buyers a very flexible and easy-to-use solution, a cutting system for big balers that ticks all boxes. The variant with 26 blades is the best option for a minimum cutting length of 44 mm whereas the variant with 51 blades is best for cuts of half this length.



### Convenient overload protection

A side-mounted connector drives the pick-up and rotor. Continuous slip monitoring ensures that the belt drive is automatically switched off if overloaded, while the pick-up and cutting unit are also switched off. An overload clutch also protects the drive train in the event of contact with foreign objects. To resume operation gently, the blades can either be retracted/extended automatically or manually.

### Clamped and secure

The blades are engaged hydraulically, after which the blade cassette is clamped in the frame. This takes the strain off the cassette's rolls and any vibrations that occur during cutting are safely absorbed, ensuring smooth running when the cassette is inserted and removed.

### Variable blade control system

The VariCut 51 system allows operators to select the blades in sets of 51, 26, 25, 12, 5 and the VariCut 26 offers sets of 26, 14, 12, 6, 6 blades. The preselected group is engaged hydraulically from the cab. All actuating cams are attached to the shaft and can be combined to form individual groups.





### Easy to clean

A service aperture above the blades can be opened in a single action for removing deposits. The area around the blades and single blade locking devices on the VariCut 51 is kept clean by an integrated compressed air cleaning system.



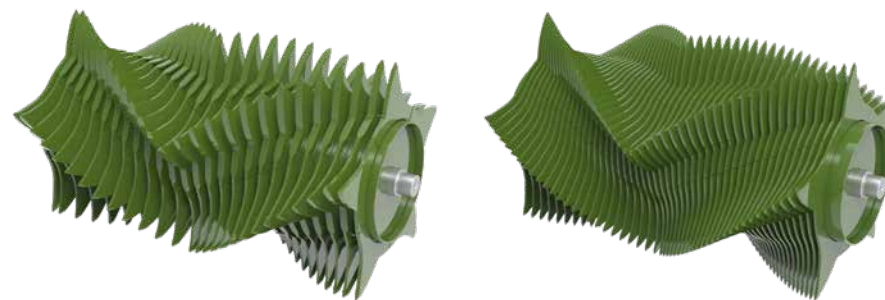
### Convenient assembly and maintenance

For easy removal and maintenance, the single-piece blade cassette pulls out conveniently to the side on an optional transport frame that fits on a pallet truck. The baler can be operated without a blade cassette if the cutting unit is not required during the harvest, for example when baling hay.



### Reversing

The optional reversing system removes blockages in an instant by reversing the cutting unit. The feature is enabled from the cabin to easily remove foreign objects that cause the blockage.



### Cutting rotor with a powerful throughput

With a diameter of 72 cm, the cutting rotors guarantee the highest throughput rate even in challenging conditions. Steel plates on the 26-blade rotor ensure an even crop flow, excellent cutting quality, reduced wear and increased stability, especially in harvesting conditions with a lot of stones. Due to space restrictions, the 51 blade rotor does not have steel plates. Both rotors have a different design. Every cutting unit is equipped with exactly the right the rotor ex works to guarantee optimum coordination and maximise performance. Both rotors have five rows of tines, on the 26-blade rotor 27 stars are used across the width, while on the 51-blade rotor there are 52 stars.





# KRONE VFS – The Variable Filling System

The unique pre-chamber *for best bale shapes*

## Pre-baled straw

- **Thorough mixing**  
and uniform pre-compression are the first step to optimum chamber fills
- **Trigger threshold**  
adjustable via the operating terminal
- **The feed chamber load indicator**  
helps uninitiated drivers to achieve maximum throughputs
- **Overload protection clutch**  
for superior operator comfort
- **Best performance**  
in all crops and swath sizes

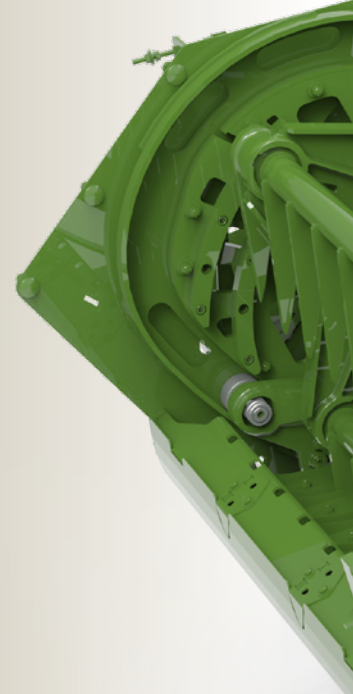
**Tried and tested gets even better! In line with this adage, the Variable Filling System (VFS) has been developed even further. Optimum mixing and effective pre-compaction compression, especially for short material and different crops, have always been the main focus of KRONE engineers. On the BiG Pack you can now set the pre-compaction compression via the operating terminal and it keeps you informed about the current load.**



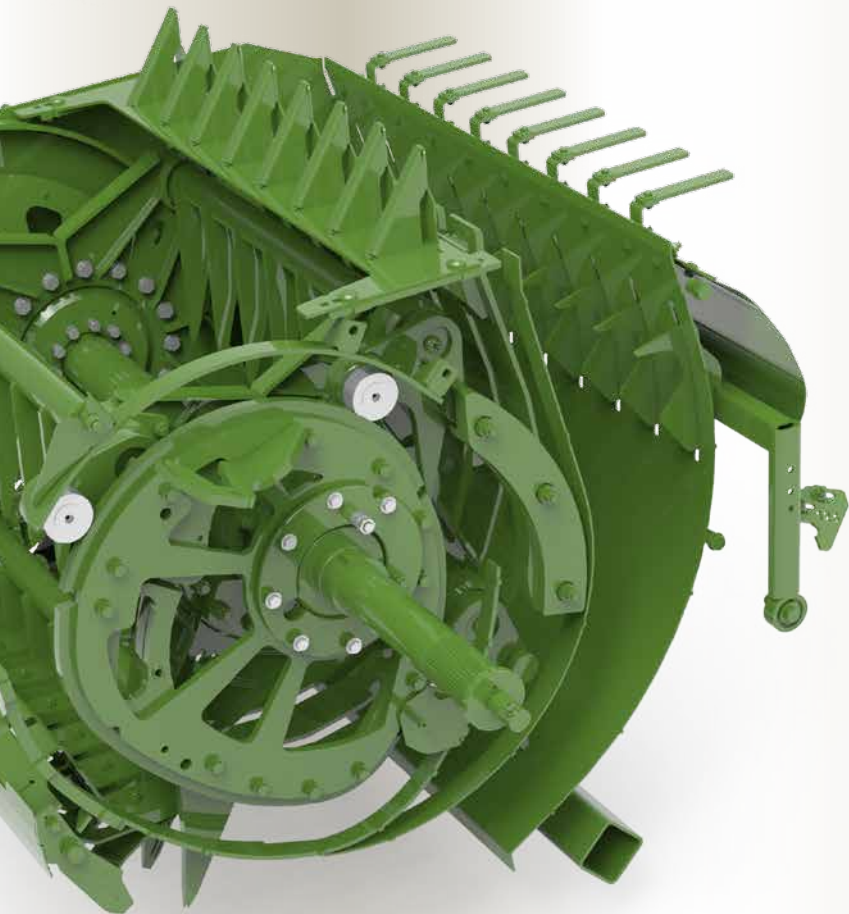
Maximum operator comfort and optimum machine utilisation are the parameters that translate into high daily outputs. Thanks to the filling level in the pre-chamber, which can be adjusted from the tractor seat, and the torque-based load indicator of the VFS, you always drive the BiG Pack at its limit. Although the throughputs are high, the material is constantly rotated and gently mixed and not exposed to high acceleration forces as on other feed systems.



Scan for more information!



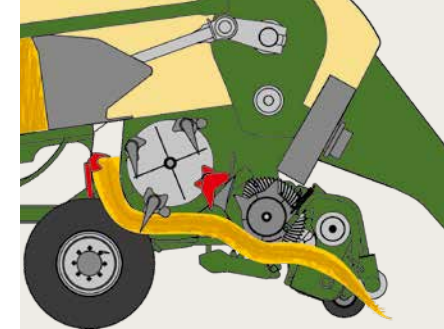




With the Variable Filling System, the new HDP II from KRONE is based on a system that has been tried and tested thousands of times around the world. The VFS system combines the advantages of continuous feed systems with those of volume-based systems thus ensuring even filling regardless of the swath shape and volumes.

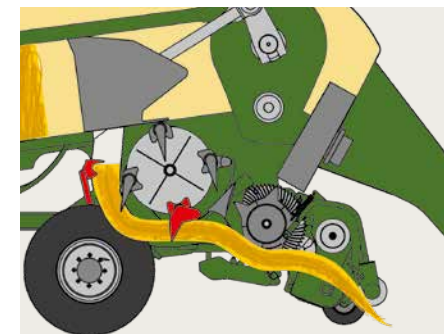
**Fig. 1**

The VF system uses three packer strips, one feeder strip and a sensing rake. The packers are controlled by a shared cam track, while the feeder strip is controlled by a separate pivotable cam track.



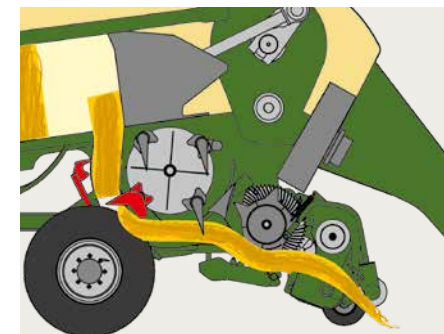
**Fig. 2**

As long as the feeder cam track does not swing off path, the packers and the feeder continue feeding material into the feed chamber, pre-compressing it as they go. The sensor swing with its retaining tine traps the material inside the feed chamber, preventing it from entering the baling chamber.



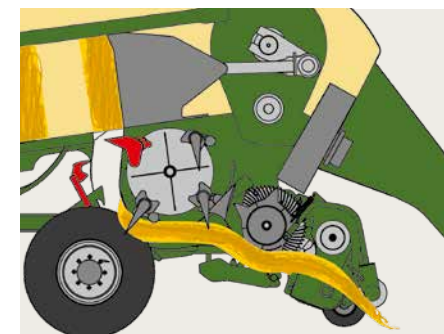
**Fig. 3**

When the pre-chamber is filled to capacity, the sheer volume of the material pushes the swing and retainer into the baling chamber. This clears the way into the bale channel and the collected material is conveyed. If not enough material is collected and the trigger threshold which can be set on the terminal is not reached, another collection stroke is initiated.



**Fig. 4**

The entire cam track of the feeder rake moves off path so the rake feeds the pre-compressed material into the baling chamber. The sensing rake and cam track then return to their initial positions.





# KRONE VFS – The variable filling system

For even more dimensionally stable bales

## Maximum operational reliability

- **Torsion-resistant, durable components**  
ensure maximum reliability even under the highest loads.
- **Electronic resolution**  
of the VF system at exactly the right moment – prevents malfunctions and protects the system under extreme loads
- **Segmented design**  
to simplify maintenance: The main shaft is bolted on, while the drive and control can be dismantled without tools
- **Load indicator and adjustment**  
of the pre-compaction compression from the terminal ensure maximum productivity even for inexperienced drivers

**Ingeniously simple. Simply ingenious.** This summarises the key qualities of the KRONE Variable Filling System (VFS). A rotating drum body with four rows of tines – made up of three packers and a feed – receives a continuous flow of crops from the cutting rotor or pick-up and mixes it reliably and compresses it to form perfect pre-compressed forage packs. Regardless of whether the material is long or short, uniform channel filling is always guaranteed.



## VFS control

The VF system operates with a sensing rake that is monitored by a sensor. If there is not enough material is supplied, another collection stroke is initiated by an electric brake. If the brake is not triggered, the system conveys material into the bale channel at each turn of the feeder rake.

The best part is that operators can control the level of pre-compression, layer thickness and number of bale layers electrically from the cabin. From the terminal screen, they can watch the pre-chamber being filled at each turn and interfere by altering the torque that triggers the mechanism. The brake is not triggered in 1:1 feed mode.

## The focus is on load and utilisation

A standard torque measurement system in the drive train continuously determines the efficiency of the VFS and therefore of the machine and displays it on the terminal using a bargraph. This allows drivers to operate their BiG Pack at maximum load levels and maximum productivity.





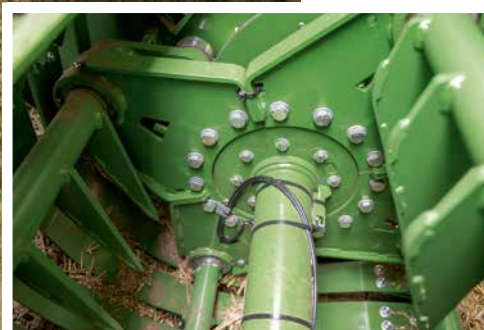
### Hard wearing

The inner cam track of the packer strips is split into two parts for easy replacement when worn or damaged. The bearings and rolls adhere to the proven standard of the current HDP II.



### Well lubricated

The external rotary union, that is well-known from the 5th generation and is very easily accessible ensures the continuous lubrication of the VF system. All of the rolls are thus connected to the central lubrication and are continuously supplied with grease. This safely ensures there is no dust in the bearings.



### Customised for maximum efficiency

The BiG Pack HDP II 1290 (VC) includes a well-developed VF system ensuring optimum channel filling and maximum baling density. The new generation also includes a split packer shaft and four-part drum discs providing maximum efficiency, a lower amount of wear, significantly simplified maintenance and fast replacement during servicing.



# The drive

Extremely robust *and smooth*

## Smooth running

- **High inertia**  
and high speeds for a quiet running system
- **Power is transmitted**  
down clutch-protected drive shafts
- **No shear bolts**  
in the drive train for maximum operator comfort
- **New starter aid with adjusting motor** –  
ensures high torque levels during start-up and a  
high rotational speed of up to 400 rpm.

**KRONE has always preferred massive flywheels that are able to reduce peak loads in the drive train and improve the fuel efficiency of the large square baler. All chains have been replaced by gearboxes and driveshafts for optimum efficiency throughout the entire powertrain. You won't find shear pins on the KRONE BiG Pack drivelines but overload clutches protecting all drives.**

### Hydraulically supported start-up

An angular gearbox installed in the drawbar of the KRONE BiG Pack HDP II 1290 (VC) ensures the straight and low-wear operation of the main universal shaft. A hydraulic starter aid is installed here as standard, which in comparison to the preceding model has a significantly more powerful start-up torque thanks to the new hydraulic motor, and depending on the oil volume of the tractor has a significantly higher final rotational speed of up to 400 rpm.

### Quiet and comfortable

Large flywheels prevent bounce and guarantee a quiet running system. The flywheels absorb peak loads and the machine maintains a consistent work rate whilst requiring significantly less tractor power – for more peace of mind, better fuel efficiency and minimum wear.

### Perfectly protected

On start-up, the driveshaft to the BiG Pack is protected by a slip clutch. When there is an overload an automatic cut-out clutch is activated protecting the baler effectively from the energy that is stored in the flywheel. The two clutches are located in front of the flywheel for easy access and servicing.





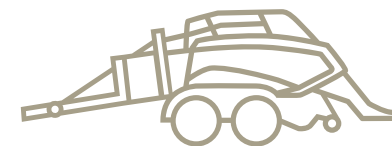


#### Direct and efficient

On KRONE big balers, power is transmitted to the packer and the knotters via robust, low-maintenance drive shafts, gears and overload clutches. Buying this drive technology is an investment into dependability and comfort.

#### Everything on-board

In addition to the VariCut cutting unit belt drive and bale channel control system, the hydraulic system of the KRONE PowerClean cleaning fan has its own enclosed on-board system and requires no oil from the tractor hydraulics.





# The bale channel

With seven large pressure cylinders

## Full-on power for rock-solid bales

The BiG Pack HDP II 1290 (VC) has a continuous upper baling flap for maximum compression. It is also fitted with wear plates in the bale channel as standard ensuring minimal wear even at high throughput rates. The newly developed bale channel floor with a conically shaped profile ensures an even bale shape and reduces the amount of cleaning work required. Seven large hydraulic cylinders control the baling flaps – three of which are positioned on the upper flap. This increases power reserves especially when working with dry or slippery hay, provides high-density bales, maximises efficiency and delivers first class quality bales.

## Extendable rear end

The BiG Pack features a strong frame end with mounting consoles and therefore allows the attachment of bale accumulators. In addition to various chutes, the machine is also available ex works in the "BaleCollect ready" version.

## Consistent bale length every time

KRONE equips all BiG Packs with a star wheel that measures the bale length electronically. Arranged in the middle of the bale channel and protected from foreign objects and soiling by a lateral cover.



More information  
on the baling pressure regulation





## Optimum bales

- **Conical bale channel floor**  
prevents material from collecting ensuring even compression and less cleaning
- **Massive hydraulic cylinders**  
apply direct pressure for maximum bale density
- **Electronic star wheel sensor**  
ensures uniform bale lengths
- **Electronic baling pressure regulation**  
for even bale densities
- **Separate residual bale ejector**  
to either push out only the last bale or clear the entire bale channel.

The new bale channel floor with conically shaped profiles reliably prevents material from collecting, thus providing the perfect conditions for an even bale shape and density especially in very dry crops and at high throughput rates. The on-board hydraulic system with automatic baling pressure regulation ensures firm bale shapes and tidy edges, even in wet conditions and with different crop stalks.



More information  
on the residual bale ejector



### Automatic mode

The operator selects a density between 0% and 100% on the control box, and the baling force control automatically adapts the pressure in the baling chamber. This way, you get uniform and consistent bale densities also in varying conditions.

### Manual mode

By default, the baler starts up in manual mode at a pressure of 50 bar. The first chamber filling should always be carried out in manual mode. After that you can select auto mode. Alternatively, you can choose and set a different default pressure between 0 bar and 200 bar. This, however, will disable the auto mode option.

### Bale ejection

The bale ejector can be split – you decide whether it is just the last bale that is discharged or whether the full bale channel is emptied. When enabling the ejector, the pressure in the bale channel is automatically reduced to a customisable level. The remaining residual pressure simplifies bale ejection and simultaneously ensures that the front bale does not slip backwards when subsequently driving on the road – the bale remains in position. In automatic mode, the bale ejector automatically carries out several cycles.

# The new KRONE V-knotter system

The new snippet-free V-knotter



## New knotter disc

The twine disc and billhook are controlled via the modified contour and segmentation of the knotter disc. It is noteworthy, that in comparison to the standard Deering double knotter, the second gear segment for the twine disc has been removed.



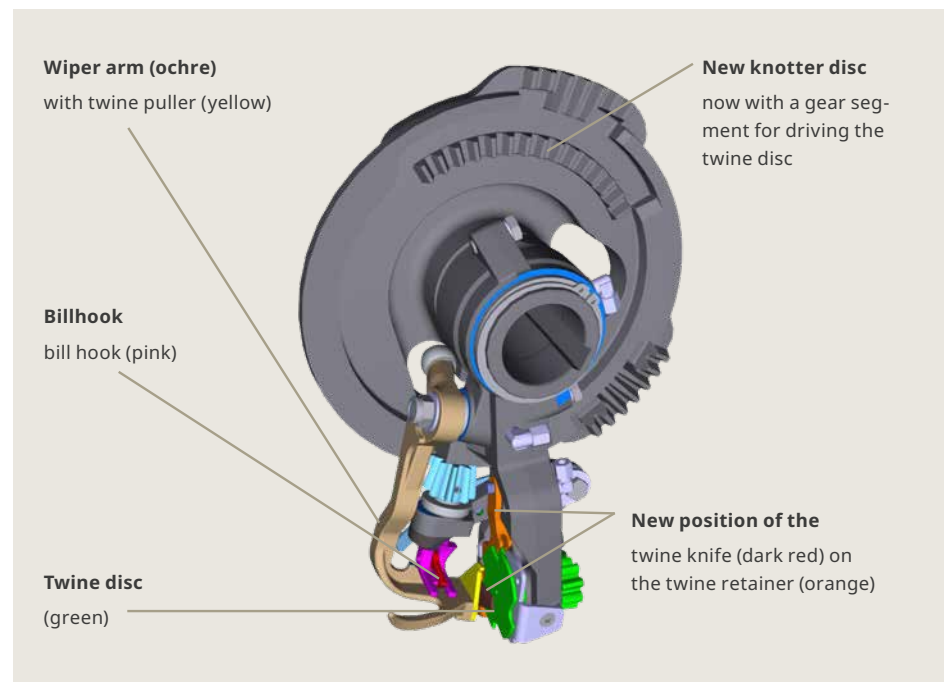
## Twine disc with blade

The blade is now positioned directly in front of the twine disc. By rotating the twine disc between the two cycles of the billhook, the twine strands are pulled through the blade and separated. The wiper arm pushes the knot precisely off the billhook.



## V-shaped billhook

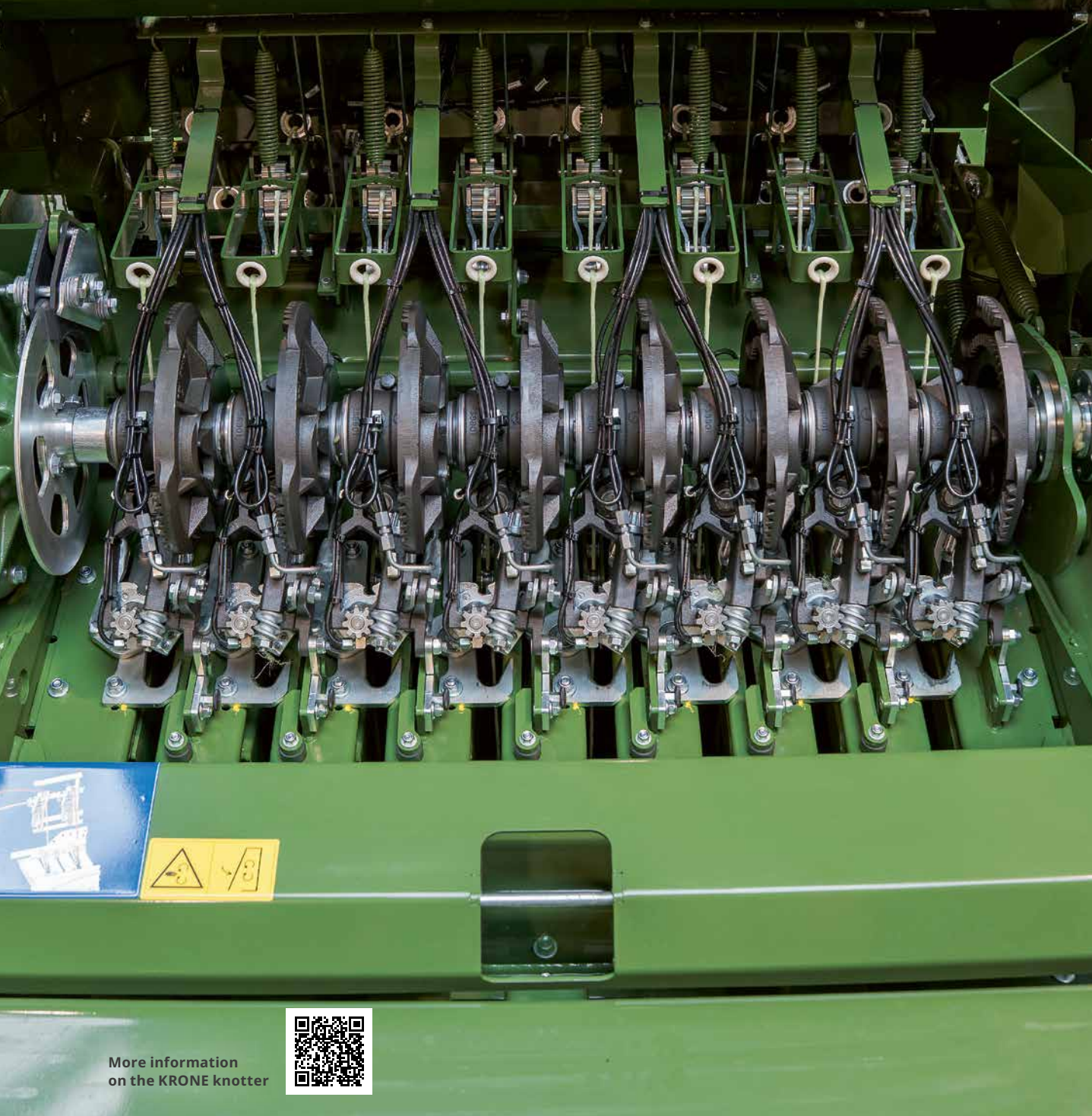
The KRONE V-knotter is named after the V-shaped open billhook which makes it possible to pull the loop of the second knot, shaped as a loop knot, downwards. The otherwise system-related twine snippet of the double knotter is thus pulled into the starting knot of the bale as a loop, which increases stability, and does not remain on the bale.



## The snippet-free V-knotter from KRONE

The extremely dependable and hard-wearing V-knotter operates to the Deering double knotter system. The snippets of twine generated by the system are no longer released like they were in the past, this design forms the snippets into a loop and pulls this into the second knot (starting knot), further increasing the stability.





### Plenty of twine on the machine

The design and functionality of the twine boxes has been improved considerably. The twine box is integrated in the side hood and can be accessed via an additional flap without any tools – dust and dirt are effectively kept out. The spools of twine are now arranged horizontally, simplifying the knotting process and improving access. Each side of the BiG Pack 606 has space for up to 24 spools weighing 15 kg each. Of course, standard 11 kg rolls can also be used. The larger capacity certainly increases the range and reduces downtimes.

More information  
on the KRONE knotter



*Significantly higher operational reliability of a double knotter*



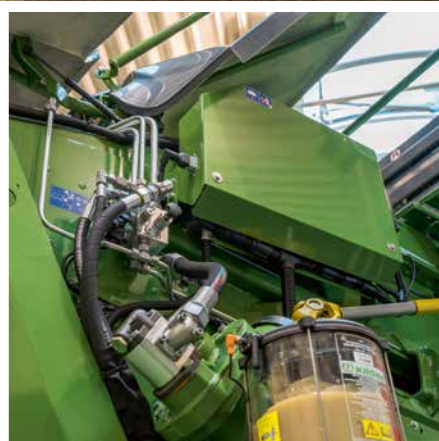
# KRONE PowerClean

Reliable cleaning



## Easy access

The large knotter bay opens easily without tools for convenient access to the knotters. The turbines stop automatically when the deck opens.



## Powerful drive

The on-board hydraulic system powers the unit effectively as soon as the PTO shaft is engaged. Superseding the existing pneumatic cleaner, the new system requires substantially less tractor power.

## Clean and safe

- Effectively avoids build-up of crop and debris
- Hydraulically powered for superior cleaning performance
- Reliably cleans the knotters, rear end and behind the twine boxes down to the axle
- Superior convenience and safety

With the KRONE Power-Clean cleaning system, KRONE is breaking completely new ground. Maintaining a high air pressure inside the knotter bay, the system prevents material from collecting here in the first place. From here, the air flow is directed to the areas behind the twine boxes and down to the axles, cleaning the baler at maximum convenience and ensuring maximum safety in the field and on roads.







### Massive fans

Two turbines feed the air from the rear into the knotter bay, creating an overpressure and preventing debris from depositing here in the first place. This means that no material gets onto the bale channel and causes contamination. From here, the exhaust air is directed to the area behind the twine boxes and down to the axles, keeping these areas clean too.



### Boxed and sealed

The knotter bay is covered by a stylish plastic deck which gives maximum protection.



Scan for more information!



# Hitch and running gear

Always comfortable *and safe on the road*



## Bottom hitching

The BiG Pack HDPII 1290 VC includes a bottom hitching as standard. The modular drawbar is designed for loads of up to four tonnes. The compact design and ability to mount the bearing block of the universal shaft in various positions ensure that optimum universal shaft runs can be achieved. Optional collision protector systems are available to protect tractor tyres especially when driving around tight curves. A choice of coupling systems is available that suit various national requirements.



## Hydraulic support jack with dual function

The hydraulic support jack ensures that attaching and removing the baler is particularly easy especially when using the K80 ball-head attachment. When operating the baler, the same control unit is used via a directional valve so that the crop press roller unit can easily be adjusted from the cabin.



## Fast on the road

- **Stronger drawbar**  
offers drawbar load of 4 t as standard
- **New and stronger BPW tandem axle**  
for up to 60 km/h
- **26.5" tyres as standard / 30.5" optional**  
For low drag resistance and even lower ground pressure especially in difficult conditions
- **Boogie axle assembly specifically developed by BPW for the BiG Pack**  
has parabolic springs to maximise driving comfort

**The KRONE BiG Pack offers convenient and safe rides in the field and on the road particularly due to the caster-steered tandem axle, that is included as standard and achieves maximum speeds of up to 60 km/h.**





### Self-steering tandem axle

The spring-suspended Boogie tandem axle provides smooth and quiet running even at 60 km/h, taking strain off man and machine. The caster-steered rear wheels manage every turn treading gently on the valuable sward. When the machine reverses or travels at speed the steering axle is automatically straightened and locked hydraulically.

### Excellent tyres

The BiG Pack HDP II 1290 VC is fitted with 26.5" tyres as standard. 30.5" tyres are optionally available. The following dimensions are available: 620/55 R26.5", 710/50 R26.5" and 600/60 R30.5". All variants are equipped with high-quality radial ply tyres. The larger contact area of the tyres ensures excellent drag resistance and reduces the ground pressure especially in challenging conditions.

### Easy to maintain

The steered axle is now much easier to service. All lubrication points with less-than-50-hours service intervals are now serviced by the auto lubricator. This cuts the time you spend servicing the machine and keeps the grease nipples clean and tidy.





# Operation

Technology which inspires

## Easy operation

- **High-resolution colour touchscreens**
- **Thanks to the ISOBUS standard**  
all of the control units on KRONE BiG Pack large square balers can be used for all ISOBUS-compatible machines.
- When hitched to an ISOBUS-compatible tractor, the KRONE BiG Pack can also be operated **from the tractor terminal.**
- **Keypad simplifies operation**  
when completing cleaning and maintenance work directly from the machine

**Even the entry-level DS 500 from KRONE offers convenient and comprehensive control of all major functions from a colour touchscreen. The CCI 800 and CCI 1200 ISOBUS terminals take user comfort to the max, as they can simultaneously be used to operate the machine and as a camera monitor.**



### The DS 500 terminal

The compact DS 500 terminal has a 5.7" colour display screen with a clear layout for easy use. You can either operate the machine from the 12 function keys or the touchscreen and the dial control on the back of the device.



### The CCI 800 Terminal

The CCI 800 ISOBUS terminal with 8" touchscreen serves as user interface and also as camera screen which feeds the images from the bale accumulator for example, offering multi-functionality that saves costs and frees cab space for uninterrupted view. The individual machine functions are shown in mini-view format on the bright, high-resolution colour screen.



### The CCI 1200 Terminal

The new ISOBUS-compatible CCI 1200 terminal with its 12" touch screen displays the views of two universal terminals (UT) on one screen. This allows the operator to control combinations such as a BiG Pack and a BaleCollector from one single terminal and view footage from several cameras on the same screen – a money-saving feature that provides a better all-round view from the cab. The individual machine functions can also be displayed in the mini-view format on the bright, high-resolution display.



### Tractor terminal

All ISOBUS-compatible KRONE machines can also be controlled from the tractor's existing ISOBUS terminal. Simply connect one single cable and enjoy your customised user interface on the terminal in the tractor cabin. Optional operation units, such as the CCI A3 joystick, can make the machine even easier to operate, depending on the tractor specifications.



### The controls

The cutting system, the twine boxes, the bale chute and the pusher dogs as well as the LED work and service lights are operated from these BUS controls on the machine. The LED backlighting of the buttons gives you visual feedback on whether the individual functions have been enabled correctly.





# The lighting concept

Well illuminated all around

## Good visibility

- **LED light strip for knotter, needles, and twine storage**  
provided as standard on the BiG Pack HDP II
- **LED maintenance lighting behind the twine boxes, on the ladder, and above the pick-up**  
provided as standard on the BiG Pack HDP II
- **LED working lights to the rear and sides**  
provided as standard on the BiG Pack HDP II

### Turn night into day!

All of the LED lighting packages that are optionally available on other BiG Pack models, are included as standard equipment on the BiG Pack HDP II. Ensuring you have the best equipment even when working at night.





Working lights on the twine boxes



Lighting of the knotter table



Lights behind the twine boxes



Ladder lighting



Lights on the pick-up



LED lighting



Lighting twine box



Illuminated control panel





# Dosing system for silage additives and preservatives

Dosing as required for the best results

## Optimising the ensiling process

- **A 400-litre tank**  
is mounted above the bale channel behind the yoke.
- **A pump assembly for the machine**  
is housed in an easy-access and dust-tight box on the yoke.
- **Dosing by different dosing units**  
directly above the pick-up ensuring the best distribution.
- **Various operating modes**  
are available for accurate dosing rates and the best forage quality.
- **Yield-based dosing according to the bale weight**  
for maximum precision and optimum use of materials
- **Simple maintenance and handling**  
ensure quick servicing

Whether ensiling or preserving – with the optional, fully integrated silage additives unit, the BiG Pack HDP II 1290 (VC) is even more versatile. The yield-based control allows you to adapt the dosing quantity exactly according to the bale weight. The system provides a suitable solution if the optimum moisture content in the crops is not achieved or if the ensiling process in the bales needs to be optimised specifically.



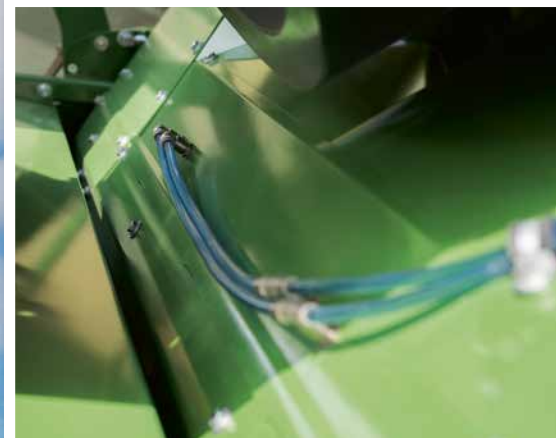
### Enough on board

The 400-litre tank for additives is a special development for BiG Pack where it is mounted on top of the baling chamber at the rear end of the machine. It has an electric filling level sensor that constantly sends its information to the cab terminal. The tank is either filled through the large and screened opening or through the side-mounted riser pipe at the rear end of the machine.



### Dust-proof pump housing

The pump unit, including filter and valves, is installed in a dustproof pump box on the yoke. The pump unit can be removed without tools in just a few steps, e.g. for frost-proof storage in winter. Useful features, such as a compressed air connection for emptying the lines, have been thought of, as has proper drainage of the pump box. An extra button operates the pump manually for service and maintenance.



### Accurate application

Two flat spray nozzles at the end of each feed line apply a uniform spray on the material as it passes through the pick-up. As different nozzle sizes can be combined, a very wide range of dosing rates is possible. The nozzle holders fold out without tools for easy maintenance.

### Easy operation

Forming an integral feature of the BiG Pack operator terminal, the dispenser offers various application modes – application at a fixed rate (l/min), at a throughput-related rate (requires the optional weighing chute), at one of three different moisture-level related rates (requires the optional moisture measuring system) or by flow rate percentage. All application rates are set up easily and conveniently in the menu settings.





# Additional equipment

Further options *for even more comfort*



## Clear crop quality on display

The data from the optional moisture sensor at the entrance of the baling chamber are read out on the display screen, keeping operators informed on current conditions. The information is read out on a cab-based monitor. An alarm is issued automatically whenever a preset threshold value is exceeded.



## Precise weight

Would you like to keep track of whether the bale weight is meeting your customers' needs? Then the optional bale chute with integrated weighing system is just the right technology for you. The terminal displays not just the weight of every single bale but also the total weight of the finished baling job.



## Maintaining a clear view

The new digital camera uses the latest imaging technology to provide high-resolution images even in difficult lighting conditions. The 120° wide angle and sturdy design considerably expand the field of view on the BiG Pack, improve the monitoring of work processes, and increase the safety when shunting. Can be ideally combined with the CCI terminals or the 7" monitor – to ensure perfect control in every situation.







### KRONE SmartConnect telemetry unit

The KRONE SmartConnect telematics unit is the hardware element of the KRONE data management system. No matter whether you prefer the Agrirouter, KRONE SmartTelematics or simply E-Solutions software licences – KRONE SmartConnect with a multi-network SIM card is the easiest way to make a connection, because it logs automatically into the network that offers best reception at the site. KRONE SmartConnect is a standard feature on the BiG Pack.



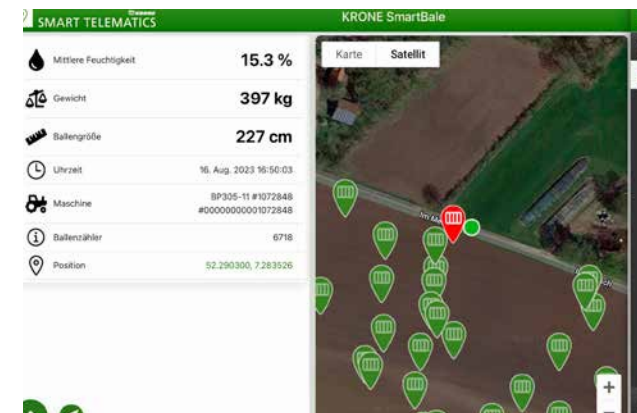
### KRONE SmartTelematics

KRONE Smart Telematics offer fleet managers a bird's-eye view of all machines and their data, keeping them on top of what's going on in the harvest chain without having to make a single phone call. The system generates clear bale maps and detailed information on each bale. There is no better way to document a job! And with a few clicks, you can convert the data into simple PDF reports.



### KRONE SmartBale app

KRONE SmartBale displays all of the deposited square and round bales on a bale map. Depending on the baler equipment, the SmartBale app provides additional information such as moisture, weight, dimensions and whether the crops have been cut. Moist bales are colour-coded so that they can be easily identified and stored separately.

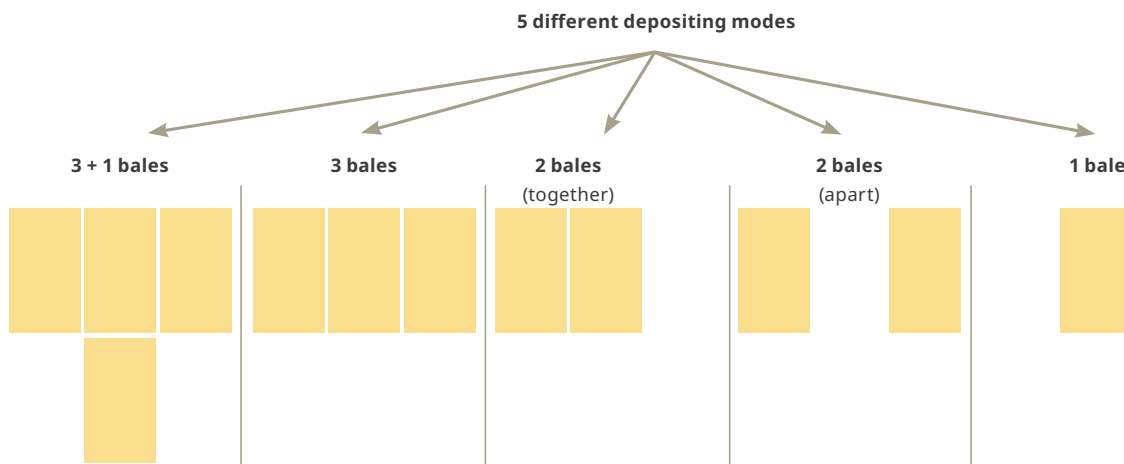


*These options are certainly worth the investment.*

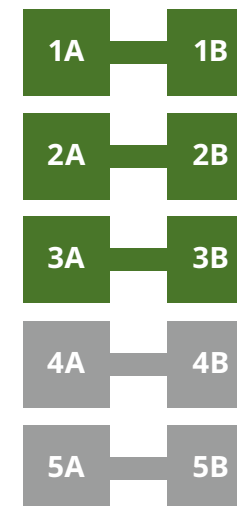


# The KRONE BaleCollect bale accumulator

Collecting up to three bales



GPS storage on up to 5 A/B lines







## Reducing loading durations

- **Saves time and money**  
in big bale logistics
- **Optimum trailing behaviour**  
thanks to telescopic drawbar
- **Choice of unloading modes**  
for subsequent work steps
- **Weighing device integrated as standard**
- **Efficient and gentle on the soil**

Running behind the baler, the KRONE BaleCollect collects up to three square bales from a 120 cm wide chamber or up to five bales from an 80 cm chamber. And has a choice of unloading modes to prepare the bales for the next steps in the field, significantly shortening post-baling loading duration when harvesting straw, reducing journeys and minimising soil compaction.



### How it works

The BaleCollect platform can store up to three bales that leave a 120 cm chamber or up to five bales from an 80 cm chamber. When a bale leaves the chamber it is pushed to the right or left side by a bar, clearing the way for the next bale to enter the platform. All bales are automatically pushed off the platform according to the unloading mode selected by the operator.

### Depositing the bales to needs

Depending on the individual harvest and process chain, customers may want to have their bales deposited in specific patterns. To suit individual needs, BaleCollect offers five different strategies or modes of depositing the bales in the field. The '3 bales' or '3+1 bales' modes are used to deposit all bales on or near the headland. By comparison, silage bales will be deposited to the '2 bales side by side' mode or the '2 bales apart' mode. These strategies are selected in harvest chains where the following wrapper is wrapping two silage bales into one pack or even picks up the bales itself. Of course, the operator can also push off the bales manually at any time by pressing a button. A new feature allows operators to drop the bales along as many as five waylines for more uniform results and convenience.



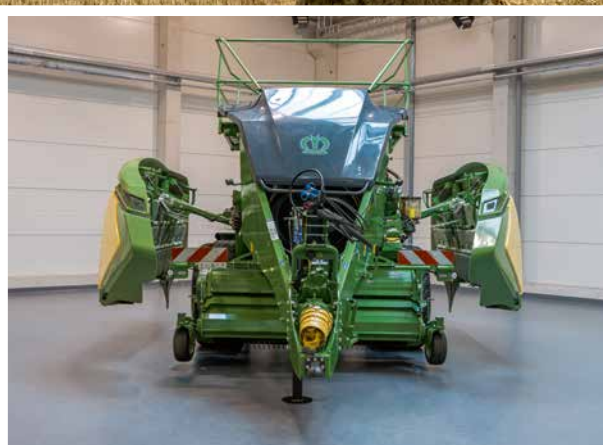
# Maintenance and cleaning

## All-round carefree package



### Maintenance platform on the knotter – safe and well-designed

A large maintenance platform with non-slip flooring positioned all around the knotter unit of the BiG Pack HDP II 1290 VC provides the best access to all of the relevant components. Foldable railings and an integrated ladder guarantee work can be completed conveniently and safely even in the event of longer service intervals. The platform is seamlessly integrated in the machine structure providing sufficient space to complete servicing work on the twine system or knotter unit quickly and ergonomically. All of the steps are made of sturdy step grid metal.



### Ergonomic

The twine boxes beneath the side panels lower hydraulically to a convenient height. They are opened without tools for optimum access to and easy replacement of the twine balls.



### Runs like a charm

The BiG Pack HDP II 1290 VC offers longer maintenance intervals and less time required for the work. The central lubrication with a large 8 kg reservoir is provided as standard and considerably reduces the amount of maintenance work required. A consumption indicator also reliably informs the driver when the filling level is too low.







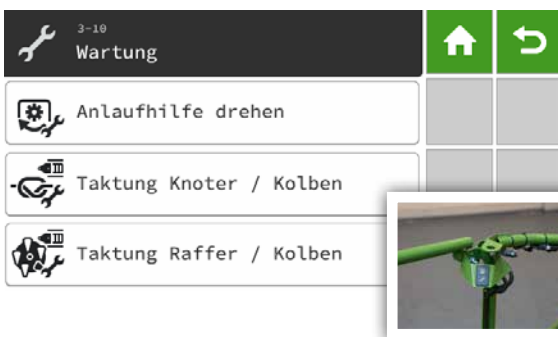
### Clean

An extra water tank with an integral soap dispenser sits at the rear of the machine, allowing you to wash your hands after a brief intervention on the machine and get back on the tractor with clean hands.



### Always to hand

To maximise practicality, the BiG Pack HDP II 1290 VC is fitted with a compartment beneath the bale channel as standard. It provides room for a tool box in which important auxiliaries can be stored and are accessible at any time. The protected position beneath the channel guarantees tidy and clean storage – perfect when working hard out on the field.



### Simple service at the touch of a button

The new maintenance mode simplifies work on the machine. The hydraulic starter aid enables spinning mode for the baler to be activated easily and safely at the touch of a button. The integrated self-check function automatically checks the correct position of the piston, pre-chamber, and knotter. This saves time, increases operational safety and minimises the risk of incorrect settings.

## Effective in every respect

- **The side hoods open and close hydraulically**  
for convenient twine storage and optimum access for maintenance and repair work
- **Central lubrication**  
extends service intervals and minimises time spent servicing
- **Additional tank**  
for water and a soap dispenser to be able to wash hands on site

Regular maintenance of the machine increases the reliability and lifetime of your BiG Pack. For this purpose, KRONE has developed an innovative folding mechanism that opens the side hoods hydraulically for convenient maintenance, repair work, and refilling of the twine storage. LED floodlights automatically come on to light up the working area when folding down the twine box panels ensuring excellent visibility day and night.







# Which twine for which BiG Pack?

- This twine has been **developed and optimised to the specifications** of the KRONE BiG Pack system.
- **Greatest knot strength**, superior to regular twines
- **Tight knots** thanks to optimum fibrilling



Your KRONE twines are available from your KRONE dealer – simply scan the QR code!



			 MultiBale <sup>2</sup>	 HDP Strong <sup>2</sup>	 HDP <sup>2</sup> NG
		Number Knotters	Regular bale density	High bale density	Extremely high bale density
<b>BiG Pack 870 HDP</b> 80 x 70 cm		5	✓✓✓	✓✓	✓✓
<b>BiG Pack 890</b> 80 x 90 cm		4	✓✓✓	✓✓	✓✓
<b>BiG Pack 1270</b> 120 x 70 cm		6	✓✓✓	✓✓	✓✓
<b>BiG Pack 1290</b> 120 x 90 cm		6	✓✓✓	✓✓	✓✓
<b>BiG Pack 1290 HDP</b> 120 x 90 cm		6	✓✓	✓✓✓	✓✓✓
<b>BiG Pack HDP II 1290</b> 120 x 90 cm		8	✓✓	✓✓✓	✓✓✓
<b>BiG Pack 4x4</b> 120 x 130 cm		6	✓✓	✓✓✓	✓✓✓



**11 kg\***  
24.25 lbs\*

**11 kg**

The 11 kg spools of twine can be used in any KRONE BiG Pack series.



**15 kg\***  
33 lbs\*

**15 kg**

The exclusive 15 kg spools of twine can be used in all balers from the 5th generation onwards (305, 405 and 606 series).

**PLUS  
27 %\***

\* Compared to the 11 kg spool of twine.

**11kg\***  
24,25 lbs\*

**15kg\***  
33 lbs\*

		KRONE excellent twines 11 kg			KRONE excellent twines 15 kg		
		MultiBale <sup>2</sup>	HDP Strong <sup>2</sup>	HDP <sup>2</sup> NG <sup>2</sup>	MultiBale <sup>2</sup> 15 kg	HDP Strong <sup>2</sup> 15 kg	HDP <sup>2</sup> NG 14 kg
Order no.	Double pack	923 944 0	27 023 217 0	27 027 155 1	27 025 897 0	27 025 895 0	27 104 843 0
Colour							
Weight	kg/roll	11	11	11	15	15	14
Roll length	m/roll	1,430	1,188	1,210	1,950	1,620	1,540
Roll length	m/kg	130	108	110	130	108	110
UV-stability		high	high	high	high	high	high
Suitability		Normal bale densities	High bale densities and difficult harvesting conditions	Extreme bale densities and very difficult harvesting conditions	Normal bale densities	High bale densities and difficult harvesting conditions	Extreme bale densities and very difficult harvesting conditions





# Technical data

## The BiG Pack (BPx05) programme



		BiG Pack HDP II 1290 (BP 606-50)	BiG Pack HDP II 1290 VC (BP 606-52)
Chamber width x height	cm	120 x 90 (3'11" x 2'11")	120 x 90 (3'11" x 2'11")
Bale length	m	0.5 - 3.2 (16'5" - 10'6")	0.5 - 3.2 (16'5" - 10'6")
Tractor power	min. kW/hp	170 / 231	190 / 258
Pick-up work width DIN	m	2.35 (7'9")	2.35 (7'9")
Length in transport position	m	9.13 (29'11")	9.13 (29'11")
Length in working position*	approx. m	10.59 (34'9")	10.59 (34'9")
Height	m	3.96 (12'12") (depending on the tires)	3.96 (12'12") (depending on the tires)
Width	m	2.99 (9'10")	2.99 (9'10")
Min weight**	approx. kg	from 15,800	from 17,400
Tyres for 50-60 km/h tandem axles		620/55 R 26.5 710/50 R 26.5 (width 3.19 m)	620/55 R 26.5 710/50 R 26.5 (width 3.19 m) 600/60 R 30.5
Brakes		Compressed air / hydraulic	Compressed air / hydraulic
Twine storage**	No. of rolls	48	48
PreChop		-	-
Double knotter		8 series	8 series
Max. no. of blades		-	VC26 = 26 / VC51 = 51
Min. cutting length	mm	-	44 / 22
Plunger strokes	no. of strokes/ minute	45	45
BaleCollect		Option	Option







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Your KRONE dealer