



Variable Chamber Round Balers
VB SERIES





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VB SERIES

Variable chamber round balers

TAKE ROUND BALING TO A NEW LEVEL

KUHN VARIABLE CHAMBER ROUND BALERS TAKE HIGH-DENSITY BALING TO THE NEXT LEVEL. THE BALERS ARE DEVELOPED WITH THE LATEST PRODUCT INNOVATIONS TO IMPROVE THE QUALITY OF YOUR WORK AND TO GET THE MAXIMUM RESULTS. THE VB SERIES OFFERS A WIDE RANGE TO MATCH YOUR INDIVIDUAL REQUIREMENTS.



HIGH VERSATILITY

One machine for all your needs. That is possible with a KUHN VB variable round baler! They offer high versatility in terms of bale size and machine usage. Create perfect, dense bales from spring to autumn, in a wide variety of crops and crop conditions.

EXTREME RELIABILITY

To achieve maximum efficiency from your machine, reliability is important. KUHN VB balers are strong and solidly built, down to the last detail. Proven KUHN round baler techniques are combined with smart innovations. This results in minimum downtime and a machine that you can rely on.

THE BALER EXPERT

Over 45 years of experience has given us valuable expertise in producing baling equipment. Our aim is to create simple, but efficient techniques to improve the quality of your work and to boost your profitability.

VB SERIES

CHOOSE YOUR BALER

Are you a farmer or a contractor? Do you produce many or few bales? Are you looking for maximum versatility or do you prefer an expert in a particular crop or condition? KUHN is your Baler specialist. With our wide range we always have the right machine for every situation. Our field specialists are there to find the best solution together with you.



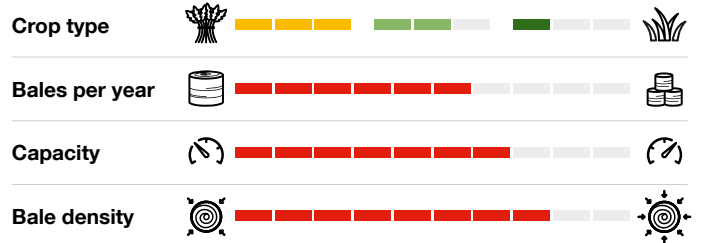
	 Ø 80 - 160	 Ø 80 - 185
VB 3255	x	
VB 3285		x
VB 3260	x	
VB 3290		x
VB 7160	x	
VB 7190		x



VB 3255-3285: The Strong

Your reliable partner for all baling operations.

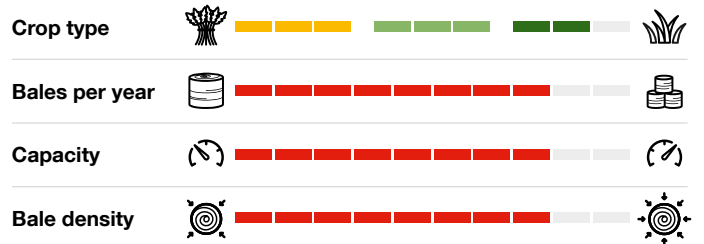
- Proven bale chamber and intake concept
- Bale chamber design ensuring a guaranteed bale start in all crop conditions
- Intuitive terminal control



VB 3260-3290: The Pro

Built for versatility, optimum performance and profitability.

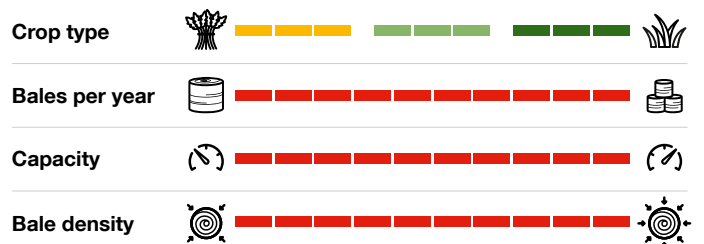
- Active roller cleaning keeps the machine going
- Low wear rates, thanks to extra-hardened drive chains, Hardox® rotor tines and high-quality bearings
- The ergonomic design of the machine allows all users to operate it to its full capacity



VB 7160-7190: The Ultimate

Constant high performance in all circumstances.

- Intelligent twin tension arm system provides bale densities of up to 140 kg/m³ in straw
- A heavy-duty designed baler that provides extreme robustness and reliability
- High capacity thanks to KUHN 3-tine W-shape INTEGRAL ROTOR and fastest tailgate operation in the market

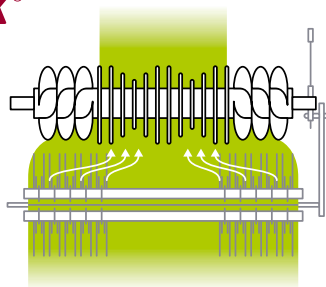


INTAKE PERFORMANCE

KUHN balers guarantee optimal crop intake. The wide cam-track pick-up unit provides maximum ground adaption when combined with its pendulum capabilities, enabling it to work in the toughest conditions. All KUHN balers are equipped with our proven INTEGRAL ROTOR technology.



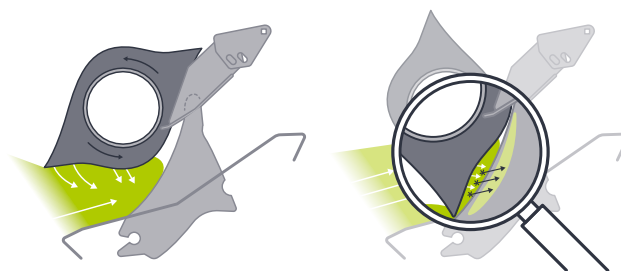
HARDOX®
WEAR PLATE



EXCLUSIVE

INTEGRAL ROTOR

This simple, maintenance-free INTEGRAL ROTOR intake system guarantees an enormous throughput capacity at all times. The short distance between rotor and pick-up tines maintains consistent crop flow. The design of this force-fed intake makes higher forward speeds possible for increased productivity and reduced crop damage. The INTEGRAL ROTOR has rotor tines made out of Hardox® wear plates. Hardox® combines extreme hardness and toughness to reduce rotor tine wear.



PATENTED

Patented rotor tine shape

KUHN OPTICUT (OC) cutting rotors are designed for unlimited intake capacity and excellent cutting quality. OC cutting rotors, with patented* elliptical-shaped rotor tines, are acknowledged by users as one of the best cutting systems on the market. The silage is guided and drawn down to the knives from an early stage which improves flow and cutting performance while requiring minimal force - this also prevents unwanted blockages.

*Patent or patent pending in one or more countries.



Pick-up guide wheels

To adapt the machine to your fields, you have the choice between fixed and pivoting pick-up guide wheels. The pivoting pick-up wheels are semi-pneumatic and therefore ideal for rough terrain and stony soils.

INTAKE TYPE		VB 3255-3285	VB 3260-3290	VB 7160-7190
NON-CUTTING VERSIONS	DIRECT FEED - Open throat	◆		
	OPTIFEED - Without cutting device	(optional DROPFLOOR)	(DROPFLOOR)	(DROPFLOOR)
CUTTING VERSIONS	OPTICUT 14 - 70 mm cutting length	(DROPFLOOR)	(DROPFLOOR, GROUP SELECTION)	(DROPFLOOR, GROUP SELECTION)
	OPTICUT 23 - 45 mm cutting length		(DROPFLOOR, GROUP SELECTION)	(DROPFLOOR, GROUP SELECTION)

VB SERIES

INTAKE PERFORMANCE

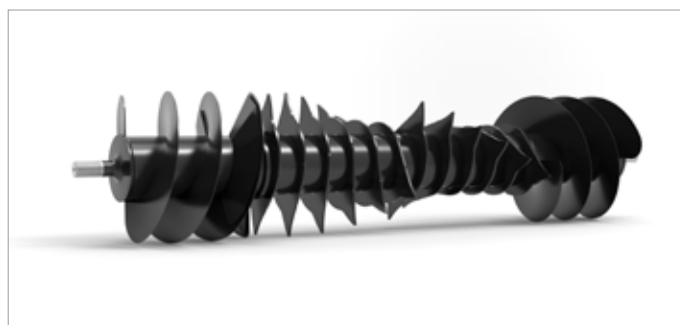
To better meet your operation's specific needs, there are four intake options available for the VB series models. Select from one of our proven INTEGRAL ROTORS; the OPTIFEED non-cutting rotor, the 14-knife or the 23-knife OPTICUT cutting rotors. See the table on page 07 for availability per model.

KUHN OPTICUT (OC) cutting systems are designed for unlimited intake capacity. Both systems feature a knife control function operated from the ISOBUS terminal.



DIRECT FEED

The DIRECT FEED system has an unrestricted intake. In heavier conditions and dry crops, the top roller performs like a pre-compactor and is powered by the primary driveline of the baler. There are no fingers or rotor tines which can disturb the flow and therefore limit the intake capacity. This generates a huge input potential and can prevent blockages.

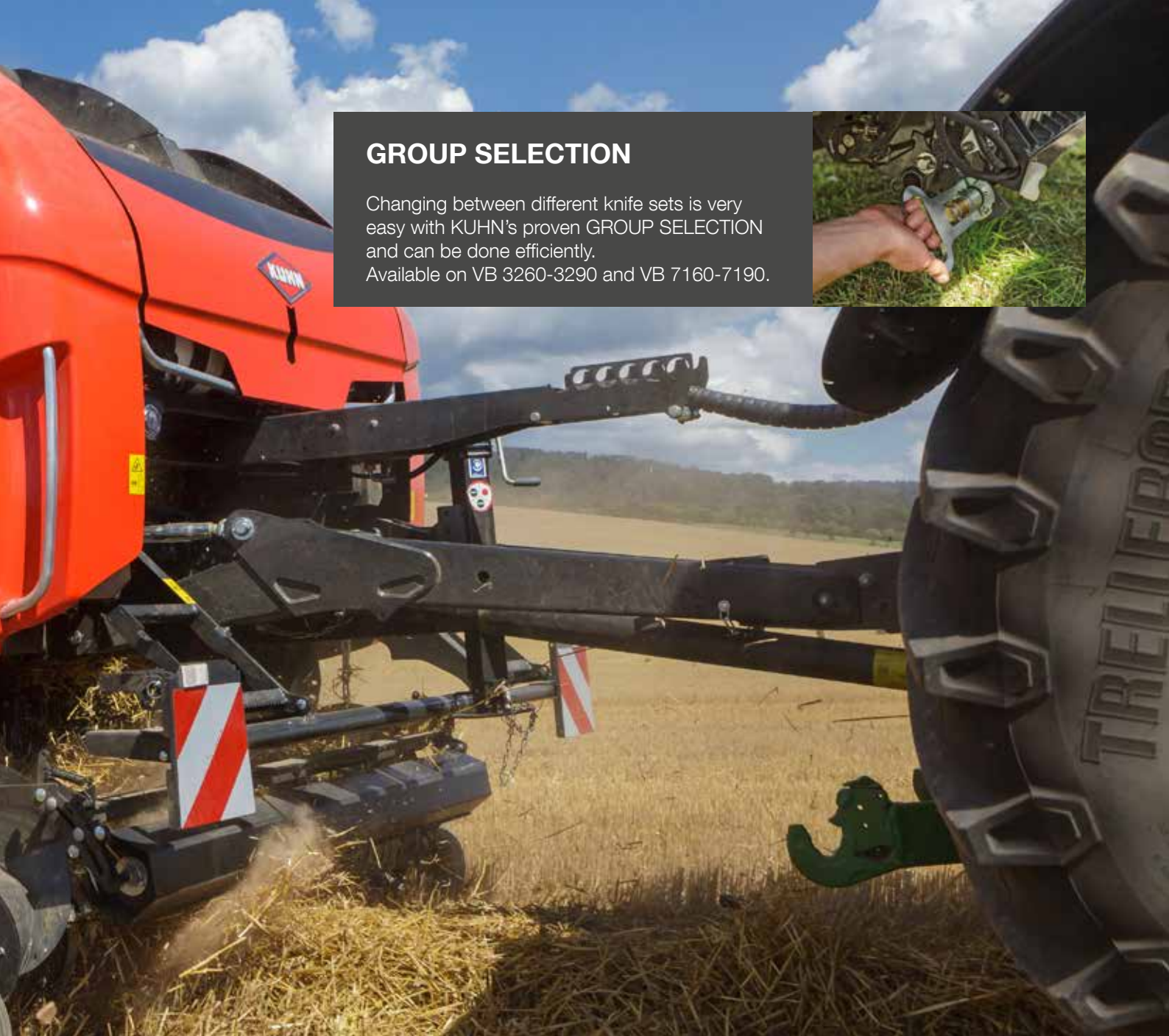


OPTIFEED ROTOR

The OPTIFEED rotor design, with single feeding tines and integrated augers helps even out the swath and force-feed the crop into the baler. Resulting in consistent bales and maximum throughput.

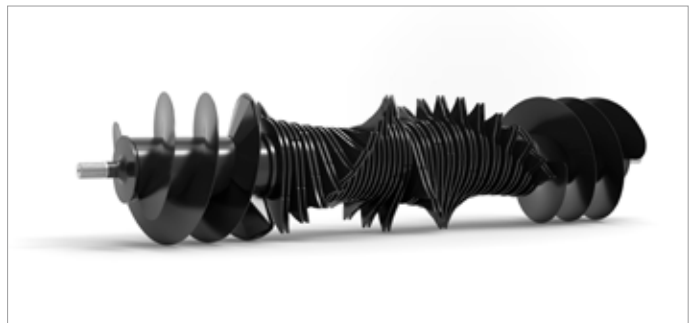
GROUP SELECTION

Changing between different knife sets is very easy with KUHN's proven GROUP SELECTION and can be done efficiently. Available on VB 3260-3290 and VB 7160-7190.



OPTICUT 14 knives (OC 14)

The INTEGRAL ROTOR, with the 14-knife OPTICUT system, is designed to even out the swath and force-feed the crop into the baler for maximum throughput. The 14-knife OPTICUT cutting system provides a theoretical cutting length of 70 mm. Each single knife is spring-protected against damage from foreign objects. With GROUP SELECTION, the operator can choose to have 0, 4, 7, 7 or 14 knives in operation.



OPTICUT 23 knives (OC 23)

The INTEGRAL ROTOR, with the 23-knife OPTICUT system, has the benefits of intensive cutting and mechanical protection. The 23-knife OPTICUT system provides a theoretical cutting length of 45 mm. Each single knife is spring-protected against damage from foreign objects. With GROUP SELECTION, the operator can choose to have 0, 7, 11, 12, or 23 knives in operation.

CLEVER SOLUTIONS THAT KEEP YOU GOING

During tight harvest windows, you want to keep going. KUHN developed clever solutions to prevent crop blockages or, if they do occur, quickly solve them. So that you can resume your baling operation as soon as possible. Boosting your efficiency and improving operator comfort.





DROPFLOOR

The floor and knives can be hydraulically lowered from the comfort of the tractor cab in the case of a rotor blockage. After the blockage is cleared, they can easily be brought back into work position.



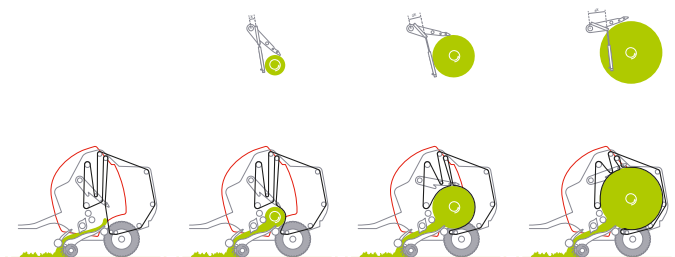
Rotor disengagement

In extreme circumstances, double security is provided by a standard rotor disengagement clutch. This will enable the operator to bind and eject the bale from the chamber before continuing. Both the rotor disengagement and DROPFLOOR technology ensure a fast clearance in case of a blockage and enables you to quickly continue your baling operation. The rotor disengagement is manually operated.

VB SERIES

OPTIMUM BALE DENSITIES

Produce high-density bales with great bale shape thanks to the PROGRESSIVE DENSITY system. Do you need extremely dense bales? Or do you prefer softer hay bales? With our various density options, we ensure that you have the greatest possible flexibility.



EXCLUSIVE

PROGRESSIVE DENSITY

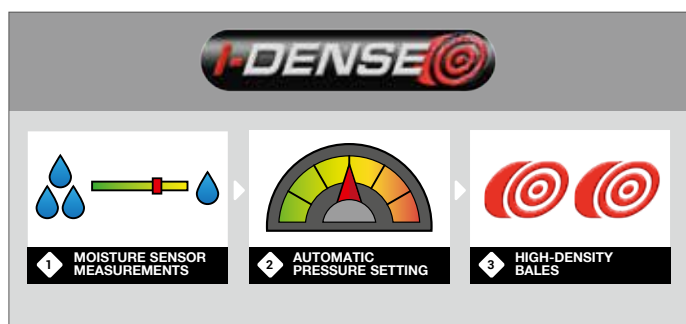
The PROGRESSIVE DENSITY system increases the bale's density as the bale grows. The belt tensioning arm is subjected to steadily increasing resistance from two hydraulic cylinders and a spring tensioner. The result is a very firm bale with a moderate core – not too soft, not too hard. With a tougher outer layer, straw bales will be more tolerant to bad weather conditions, while silage bales will maintain their shape for improved stacking and easier handling.



EXCLUSIVE

PROGRESSIVE DENSITY PLUS

VB 3200 series balers can be equipped with PROGRESSIVE DENSITY PLUS. This optional pressure boosting system for the belt tensioning arm provides 10% higher density in dry crops.



PATENTED

i-DENSE system

The patented* i-DENSE system on VB 7100 models automatically adapts the baling pressure according to the different crops and crop conditions. The system consists of a moisture sensor combined with an twin-tension arm system. The driver will set their preferred pressure settings dependent on the moisture conditions, and the machine will automatically adapt itself. Resulting in the most economical use of your baler without compromising on performance.

Low density kit

Increase your flexibility by also producing hay bales with extremely low bale densities. With the optional Low density kit for VB 3200 models you can reduce the baling pressure from 60 to a minimum of 20 bar. Easy to operate in-cab on the terminal.



BINDING SOLUTIONS

KUHN bales stand out in bale density and shape. After the bale has left the bale chamber, it is important to keep it in perfect shape and condition. Our binding techniques offer maximal binding force and optimal bale shape retention. Depending on the model, VB balers can be equipped with the KUHN Net binding system, Twine binding or Net+Twine binding.



Reliable and user friendly net binding system

VB balers feature a proven and reliable net binding system with active stretch technology and active net feed system for constant high net tension. Convenient net positioning and a clear net routing makes installing a new net roll a breeze.



INNOVATIVE

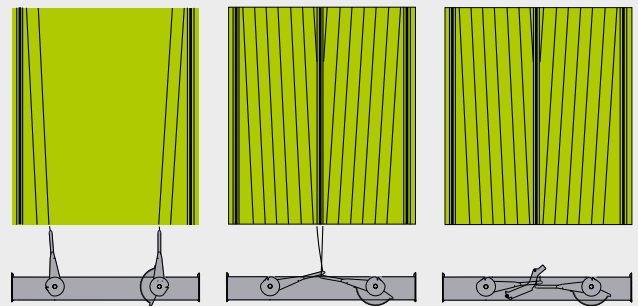
Constant net tension

The net binder with active stretch technology ensures a firm bale shape with constant high net tension throughout the entire binding cycle. The net is fed into the front of the bale chamber to ensure it is taken by the bale immediately. KUHN's innovative design maintains constant net tension during the binding process. The net wrap system runs at a lower speed than the bale's rotational speed to be able to consistently stretch the net up to 10% without breaking it. The pre-stretched net results in a bale that will hold its density.



Optimal air exclusion

The net binding system spreads the net to the corners of the bale to prevent air pockets once the bale is wrapped, which will preserve the forage quality for longer.



Twine binding

When using the double twine binding system, the binding cycle time is reduced to a minimum. In the twine binding cycle both of the twines start at the bale edge and overlap before moving to the centre of the bale. In the centre of the bale they overlap again, this ensures the twines are fixed and that there are no loose ends.

When required, the VB can be equipped with a combination of Twine and Net binding.



VT 30 TERMINAL

Take full control of your baling process with the VT 30 terminal. Compact, intuitive, and easy to use, it puts all key functions at your fingertips, right from the tractor cab.

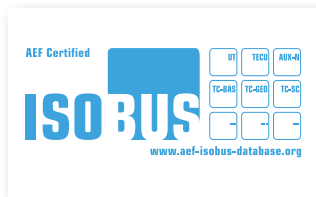


VT 30: Your clear and convenient baling companion

The VT 30 terminal offers full control of the baling and binding process directly from the tractor cab. Its 3.5" colour screen features the same intuitive interface as other KUHN balers, ensuring ease of use for any operator. Equipped with both a touchscreen and soft keys, the VT 30 delivers reliable operation in all conditions. It connects to the tractor via a 3-pin connector and comes standard with the VB 3255-3285 models (optional for VB 3260-3290).

ELECTRONICS	VB 3255-3285	VB 3260-3290	VB 7160-7190
VT 30	◆	◇	
CCI 60 - ISOBUS COMPATIBLE		◇	◇
CCI 800 - ISOBUS COMPATIBLE		◇	◇
CCI 1200 - ISOBUS COMPATIBLE		◇	◇
CCI A3 - ISOBUS COMPATIBLE			◇

KUHN ISOBUS SOLUTIONS: ENJOY ISOBUS COMPATIBILITY ON VB BALERS



CCI 60, 800 AND 1200: ONE TERMINAL FOR ALL ISOBUS MACHINES.
CCI 60, 800 and 1200 ISOBUS terminals are AEF-certified. They focus on three priorities: performance, visibility and flexibility. The CCI 60 is distinguished by its simplicity and user-friendly backlit keys. The CCI 800 and 1200 are equipped with a large size antiglare touchscreen. Capable of simultaneously displaying various essential information and connecting to both a joystick and a camera, these terminals are highly versatile.



CCI 60: Easy control of your ISOBUS machine

The CCI 60 ISOBUS terminal has a 5.7"/14.5cm display. Its 12 backlit keys allow quick operation of the machine's functions.



CCI 800: The compact ISOBUS terminal

The 8"/20.3cm screen displays the main machine and mini-views on the side. Click on the mini-view you wish to enlarge.



CCI 1200: Innovative, panoramic, high-performance

With the 12.1"/30.5cm screen, all essential information is displayed. Several display formats are available: mini-view / maxi-view / double UT.

A MULTITUDE OF APPLICATIONS AS STANDARD



TECU

Recover basic tractor information



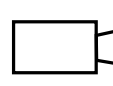
CONTROL

Control your tasks and ISO-XML documentation



CONVERT

Connect to your biomass sensor



CAMERA

Connect a camera and display live images



HELP SYSTEM

The assistance you need

DISCOVER THE CCI APPLICATIONS



SECTION CONTROL

Automated lifting and lowering of the pick-up, controlled by GPS



DATA TRANSFER

Data import/export via agrirouter

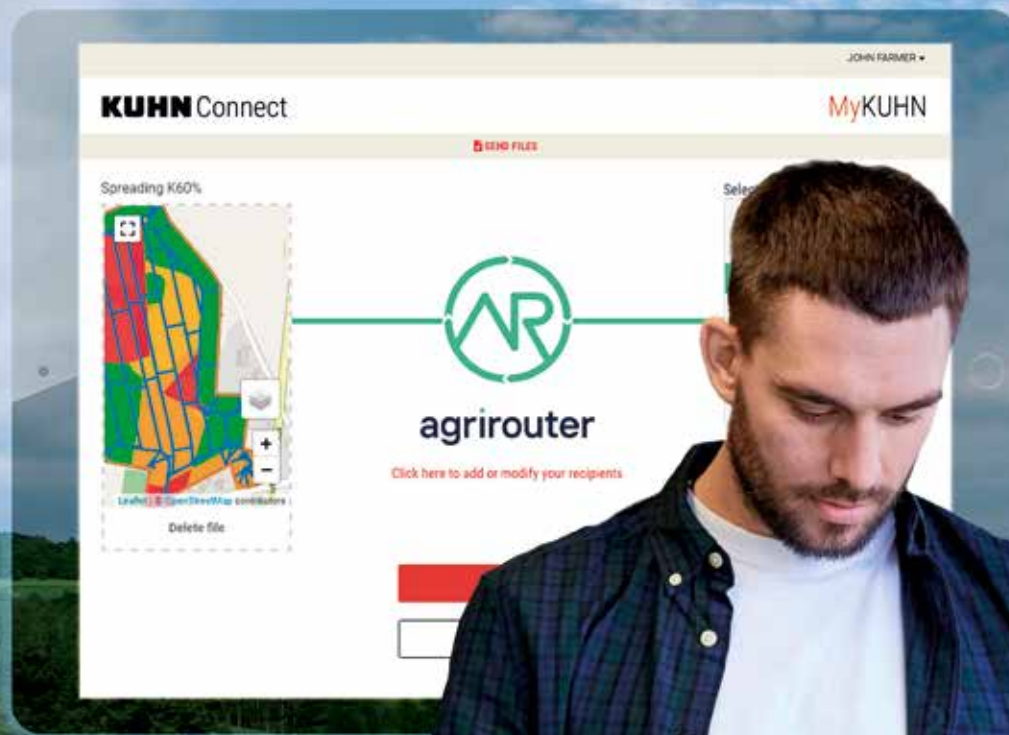
CCI A3: All functions at your fingertips

Use the ISOBUS CCI A3 joystick with your terminal to control the balers' AUX-N functions at your fingertips. Operate the pick-up, tailgate, DROPFLOOR and knives.



KUHN CCI CONNECT

YOUR CCI 800 AND 1200 TERMINALS CONNECTED TO INTERNET



MyKUHN

Find **KUHN CCI Connect**
packs in your MyKUHN space!
mykuhn.kuhn.com

KUHN CCI Connect Lite *(standard in most countries)*



Online CCI Update

Your CCI terminal automatically updated.



CCI Remote View

The latest features automatically installed.

KUHN EasyTransfer *(option)*



KUHN EasyTransfer

Export your tasks at the end of the job.

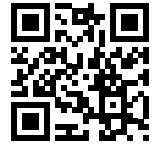
ready for
agrirouter

Ready for agrirouter

Communicate with all software connected to agrirouter.

MyKUHNN

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REGISTER YOUR MACHINE(S) TO UNLOCK ALL YOUR BENEFITS...



Exclusive offers

Unlock special deals on financing, spare parts, and KUHN machinery.

Spare parts

Browse the online catalogue, find the right genuine parts for your machine, and order quickly and easily.

Operator manuals

Easily access and download the operating instructions you need, in a printable format.

Machine settings and maintenance information

Access all machine settings and maintenance information whenever you need it, and boost your productivity with ease.

KUHN Connect

Activate your eligible machines and terminals in the KUHN Connect space to monitor them remotely in real time. Instantly locate your entire fleet at a glance!

Automatic CCI terminal updates

With CCI Connect, your CCI terminal updates automatically and the latest Remote View features are installed without hassle.

Export your tasks

Using KUHN EasyTransfer on your computer, you can export completed tasks via the agrirouter platform. This helps streamline your workflow and improve data management.

... AND STAY CONNECTED!

Dealer support

Find and save your preferred KUHN dealers so you can easily reach out whenever you need support or advice.

Q&A

Access the FAQ for instant answers on everything from machine data to digital services.

Direct contact

Need help?
Create a ticket to contact our MyKUHNN support team directly.



YOUR RELIABLE PARTNER FOR ALL BALING OPERATIONS

All you need to produce the perfect bale. VB 3255 and VB 3285 variable round balers stand out in reliability, versatility and ease of use. Their proven performance in a wide variety of crops combined with a simple, yet sophisticated design make these balers a strong partner for a multitude of baling operations.



Performance in a wide variety of crops

In various conditions, the variable bale chamber can produce perfect bales with a diameter from 0.80 m to 1.60 m for a VB 3255 or 0.80 m to 1.85 m for a VB 3285. The INTEGRAL ROTOR can handle a wide variety of crops while the bale chamber design ensures a guaranteed bale start. Furthermore, a clever bale chamber cleaning system with several cleaning rollers and scrapers keeps you going. Enhance the versatility of your baler by choosing the Low density kit for extreme low density or PROGRESSIVE DENSITY PLUS for 10% more density in dry crops.



Great user convenience

The intuitive VT 30 terminal provides in-cab density control. Pre-selection for controlling the pick-up, DROPFLOOR and knives can be done from the terminal. More efficiency and ease of use is provided by the chamber filling indicator which indicates whether the bale should be filled more on the left side or on the right side. Convenient net positioning and a clear net routing makes installing a new net roll a breeze. Under the shielding you will find a plain, optimised design of components, making the maintenance and cleaning process more time efficient.



A strong machine you can rely on

The proven intake and bale chamber concept has been continuously developed thanks to the feedback from users worldwide. The simple binding system is praised by users for its reliability. To power the low-maintenance bale chamber, the baler features a plain driveline consisting of only three strong drive chains. This bale chamber is made of non-lubricated maintenance-free rollers and five strong laced belts. Endless belts are optional for the VB 3255 and VB 3285.



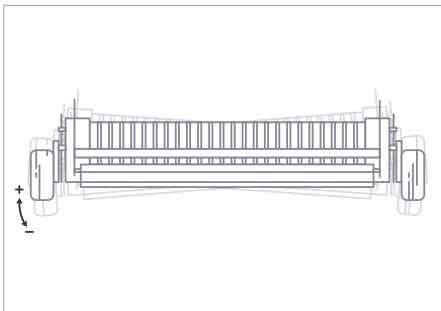
VB 3255-3285

BALE FORMATION	5 BELTS + 3 ROLLERS
BELTS	LACED OR ENDLESS
PRESSURE SETTING	PROPORTIONAL VALVE FOR IN-CAB PRESSURE AND SOFT CORE SETTING
CHAIN LUBRICATION	AUTOMATIC CHAIN LUBRICATION SYSTEM

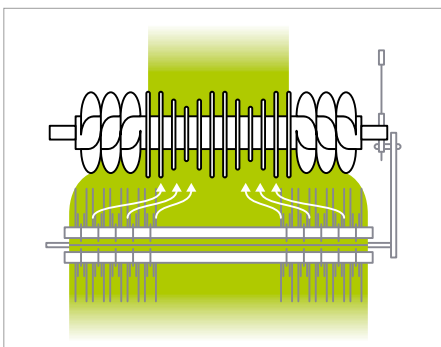
OVERVIEW



1. Robust driveline with high-quality IWIS chains



2. Pendulum pick-up



3. INTEGRAL ROTOR Technology



4. Mechanical rotor disengagement



5. Separate knife / DROPFLOOR controlled from the tractor cab (optional for OPTIFEED)



OPTIONS



380/55-17.0



480/45-17.0
500/50-17.0



Bale kicker



*Pivoting semi-pneumatic
pick-up guide wheels*



6. PROGRESSIVE DENSITY PLUS pressure
boosting system



7. Automatic chain lubrication system

BUILT FOR VERSATILITY, OPTIMUM PERFORMANCE AND PROFITABILITY

Meet The Pro's! The VB 3260 and VB 3290 are built for optimum performance and profitability in all circumstances. They combine capacity and density with an outstanding reliability which ensures the best possible return on investment for your operation. Balers you can rely on all season long, creating perfect bales of straw or silage and everything in between.



High versatility

Perfect bales from spring to autumn, in every crop. The bale chamber of the VB 3200 series has an open starting chamber, which ensures a reliable bale start and capacity regardless of the crop type. Active roller cleaning keeps the machine going in every condition. A second belt drive roller for even more traction in heavy conditions is optional. An extreme soft core is possible with the Low density kit. The optional PROGRESSIVE DENSITY PLUS offers 10% more density in dry crops if required.



Optimum performance

From the front to the back of the machine, the features offer you a high-speed operation. High intake capacity is provided by the heavy crop roller and spring-loaded pre-compression tines in combination with the INTEGRAL ROTOR. Clever solutions prevent crop blockages, but in the event that they occur, the DROPFLOOR technology will quickly solve them. On top of that, the quick tailgate operation ensures rapid ejection of the bale.



PATENTED

Maximum profitability

Benefit from low wear rates, thanks to extra-hardened drive chains, Hardox® rotor tines and reinforced bearings and seals. The bale chamber is equipped as standard with durable endless belts. Lower fuel consumption for cutting rotors is thanks to the patented* elliptical-shaped rotor tines. The ergonomic design and operation of the baler allows all users to operate it to its full capacity. The machine can be configured accordingly to meet your requirements, so to fully maximise cost-effectiveness and overall efficiency.

*Patent or patent pending in one or more countries.

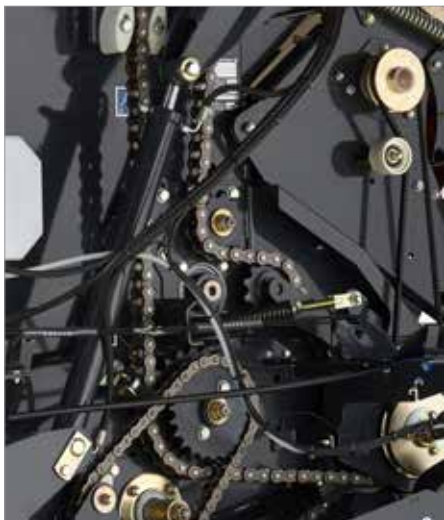


● REINFORCED BEARINGS AND SEALS

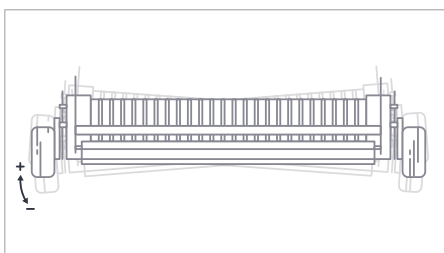
VB 3260-3290

BALE FORMATION	5 BELTS + 3 ROLLERS
BELTS	ENDLESS
SECOND DRIVE ROLLER	OPTIONAL
PRESSURE SETTING	PROPORTIONAL VALVE FOR IN-CAB PRESSURE AND SOFT CORE SETTING
CHAIN LUBRICATION	BEKA-MAX CONTINUOUS CHAIN LUBRICATION

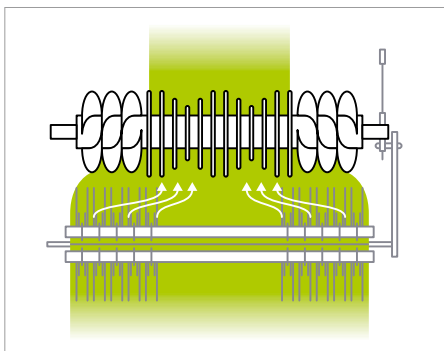
OVERVIEW



1. Robust driveline with high quality IWIS chains + 1 1/4" 20BH primary driveline with chrome hardened pins



2. Pendulum pick-up



3. INTEGRAL ROTOR Technology



5. Mechanical rotor disengagement



4. Spring-loaded crop tines and heavy crop roller (Ø 217 mm) for improved pre-compression and crop flow



6. Separate knife / DROPFLOOR controlled from the tractor cab



7. Heavy-duty cross joints in the drive axles





OPTIONS



480/45-17.0
500/50-17.0



500/45-22.5



Second drive roller



Bale kicker



*Pivoting semi-pneumatic
pick-up guide wheels*



8. *PROGRESSIVE DENSITY PLUS* pressure
boosting system



9. *BEKA-MAX* continuous chain lubrication system

VB 7160-7190

CONSTANT HIGH PERFORMANCE IN ALL CIRCUMSTANCES

The KUHN VB 7100 series sets a new standard in round baling. Rely on constant high performance in all circumstances. No matter the crop, no matter the time of day, these balers offer you high-density bales, high capacity and maximum lifetime. Where others stop, the VB 7100 series starts.



PATENTED

High-density bales

Produce bales with densities of up to 140 kg/m³ in straw thanks to the KUHN patented* i-DENSE system. This intelligent twin-tension arm system ensures an optimal tension distribution. The front tension arm creates the optimal starting chamber and bale form in all conditions. The rear tension arm creates a high belt tension for rock-hard bales. The i-DENSE system automatically adapts the baling pressure according to the different crops and crop conditions.

*Patent or patent pending in one or more countries.



PATENTED

Maximum lifetime, minimum downtime

Extreme durability of components, minimum downtime for maximum baling time. Thanks to its heavy-duty design with wear resistant and oversize chains, the balers provide you the robustness and reliability you need. The 50 mm spherical roller bearings are fitted on the main driven rollers and special KUHN patented* seals on the idling rollers keep crop contamination away from the bearings.



High capacity throughout the entire operation

Silage, hay or straw, the baler offers you a capacity of up to 30 t/hour in various circumstances. Thanks to the unique bale chamber design, the baler offers fast, secure and consistent bale formation in any crop condition. The INTEGRAL ROTOR ensures the best possible crop flow. On top of that, the VB 7100 balers feature the fastest tailgate operation in the market. Within 4 seconds the bale is ejected and the tailgate is closed again.



PATENTED

Everything for your convenience

Just focus on driving while your baler takes control of the density, yet another advantage of the i-DENSE system. All this, including the moisture indication and many other data points, can be monitored on the ISOBUS display terminal. The net binding system facilitates loading from both sides of the machine. Thanks to the new KUHN patented* support brackets, you can slide the net easily from the net storage into the net binder without lifting the entire roll.



STANDARD EQUIPPED WITH
HEAVY-DUTY BEARINGS AND SEALS

VB 7160-7190

BALE FORMATION	4 BELTS + 3 ROLLERS
BELTS	HEAVY-DUTY ENDLESS
SECOND DRIVE ROLLER	AS STANDARD
PRESSURE SETTING	AUTOMATIC WITH PRE-SETTINGS (i-DENSE)
CHAIN LUBRICATION	BEKA-MAX CONTINUOUS CHAIN LUBRICATION

KUHN BALER AUTOMATION: MAXIMUM OUTPUT IN COMPLETE COMFORT

Producing round bales can be an intensive job. There are many things to pay attention to while operating the tractor and baler. KUHN Baler Automation ensures that common tasks are optimised and facilitated, while increasing the output and performance of your baler. All functionalities are AEF Certified.

Discover your benefits:

- Higher profitability of your business
- Improved driver ergonomics and comfort
- Easier task and customer management



PATENTED

Task Controller Section Control

VB 7100 series balers are the first AEF Certified Section Controlled balers in the world with a GPS automated pick-up*. The pick-up is only down when there is crop left for baling. This improves the operators' comfort throughout the long working day and reduces machine wear, especially when turning onto the headland.



Task Controller basic and geo-based

Concentrate fully on producing bales while an accurate basis for your management is created automatically. Record, document and map your tasks with all related information such as the number of bales, customer and field information, yield and bale weight. Then transfer the data to KUHN EasyTransfer or your Farm Management Information System through agrirouter.





Do the compatibility check

Ensure your tractor is compatible with KUHN Baler Automation functionalities. Do the check in the AEF ISOBUS database.



Tractor Implement Management

Constantly get the maximum performance out of your tractor and baler, while enjoying complete comfort.

With Tractor Implement Management (TIM) the VB 7100 baler controls your tractor. Benefit from the many functionalities which automate the entire baling cycle. Or be amazed by the unique ability to lift the pick-up during baling on worked area in combination with Task Controller Section Control.

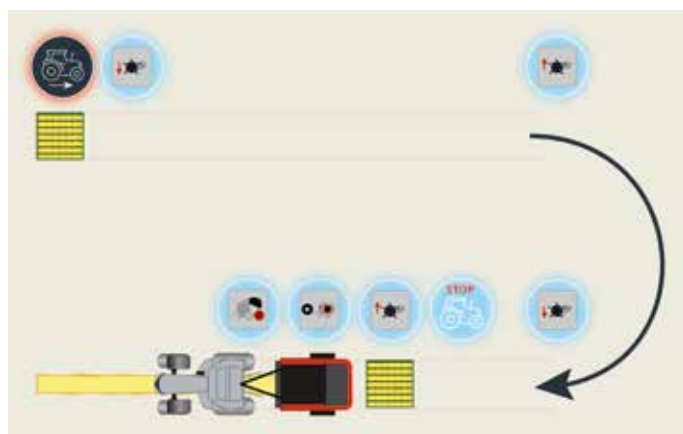
Discover the possibilities of TIM:

- Automatic tractor stop when the bale chamber is full and during binding
- Automatic bale ejection
- Automatic tractor stop in the event of a blockage and full auto deblock of the baler
- Automatic knife cleaning
- Automatically lifting the pick-up when binding or reversing
- Automatically lifting the pick-up during baling on worked area by using Task Controller Section Control



JUST ONE MANUAL ACTION PER BALE

KUHN Baler Automation offers a unique integration of TIM and Section Control, automating nearly every step of the baling process. This powerful duo reduces manual actions* by up to 85%, leaving just one per bale. The result: smoother operation, greater comfort, and maximum productivity in the field.



EXCLUSIVE

Up to 85% fewer manual actions

Thanks to the exclusive integration of TIM and Section Control, the VB 7100 automates repetitive tasks like:

- Opening and closing the tailgate
- Ejecting the bale
- Lifting the pick-up in worked areas

Only one manual action per bale cycle remains: start driving.

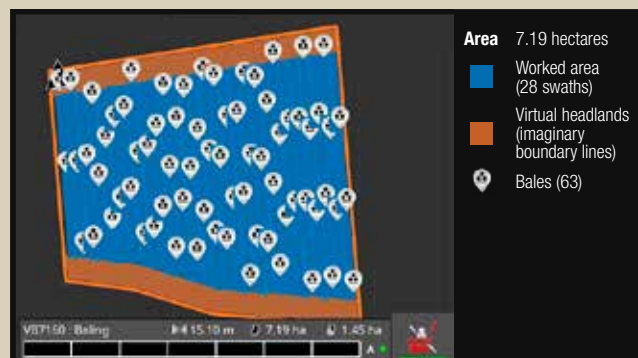
Compared to other balers:

- **Up to 85% fewer manual actions than non-automated balers**
- **Up to 50% fewer manual actions than balers with TIM only**

What does that mean for you?

Let's look at a real-world example. In a typical field covering 7.19 hectares with 28 swaths, virtual headlands (imaginary boundary lines) and 63 bales, the number of manual actions required varies significantly depending on the level of automation:

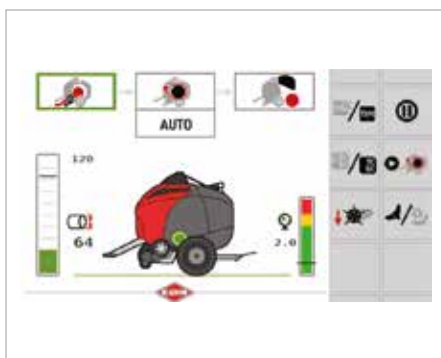
Level of automation	Manual actions
Non-automated balers	434
TIM-only balers	119
KUHN VB 7100 with TIM + TC-SC	63





PROCESS VIEW: ALWAYS IN CONTROL

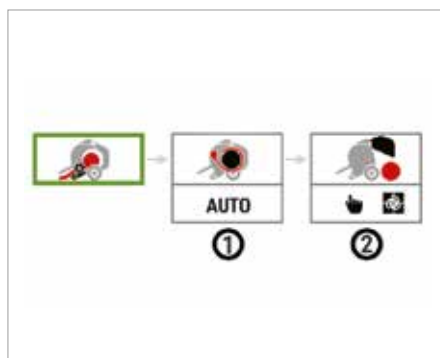
With the intuitive PROCESS VIEW user interface, the VB 7100 is exceptionally easy to operate. You are always up to date on the status of your work processes. The ISOBUS terminal lets you select which processes run automatically or manually, and you have instant access to all settings, ensuring you stay in full control.



THE KUHN +

PROCESS VIEW

All processes are clearly displayed on the ISOBUS terminal. The intake, binding, and tailgate functions are shown as separate processes. When a process is highlighted in green, it is running smoothly. If a process turns red, an issue has occurred and the operator is immediately alerted both visually and acoustically.



Full control

With just a tap of your finger, you can pause between each step of the process or switch between automatic [1] and manual [2] operation. This intuitive interface ensures that every operator can easily work with the machine, maximising productivity.



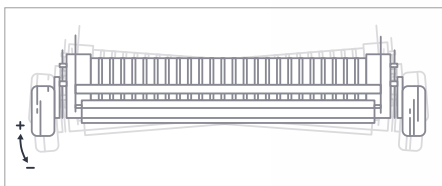
Next-gen user interface for complete convenience

With a modern design and streamlined layout, the user interface offers faster operation and maximum ease of use. The work screen provides instant access to settings, customisable key indicators, and a clean button layout for efficient control. Easily manage multiple work counters by assigning names and dates - ideal for customer or field management.

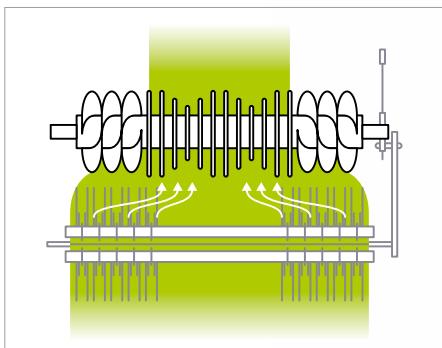
OVERVIEW



1. Second drive roller guarantees a secure belt drive in all crop conditions



2. Pendulum pick-up



3. INTEGRAL ROTOR Technology



4. W-shaped 3-tine INTEGRAL ROTORS:
OPTIFEEED / OPTICUT 14 / OPTICUT 23



5. Spring-loaded crop tines and heavy crop roller (Ø 217 mm) for improved pre-compression and crop flow



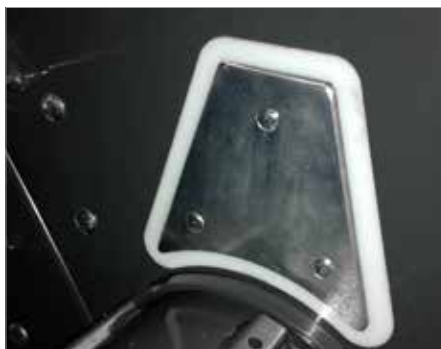
6. BEKA-MAX continuous chain oiling system



7. Net roll support brackets



10. Robust driveline with wear-resistant and oversized chains



9. The patented* i-DENSE system automatically adapts the baling pressure based on moisture sensor measurements



8. KUHN patented* seals on the idling rollers

OPTIONS



500/45-22.5



500/60R22.5
600/50R22.5



Bale kicker with optional weighing system



Pivoting semi-pneumatic pick-up guide wheels



Automatic greasing system

*Patent or patent pending in one or more countries.

VB SERIES

BENEFIT FROM MORE EQUIPMENT

There are multiple optional accessories available that allow you to customise your baler. Benefit from a moisture sensor and receive accurate real-time information on the job. Increase your baling and wrapping flexibility by using the factory fitted trailer coupling. Or benefit from optimal visibility and safety by equipping your machine with the KUHN camera system.



EXCLUSIVE

Factory fitted trailer coupling

The factory fitted and EU-homologated drawbar on VB 3200 models enables hitching inline machines. This exclusive KUHN-solution offers optimal flexibility while maintaining a high capacity. When combining the baler with a RW 1810 self-loading wrapper, you can even create a fully automated combination machine suited for a one-man-operation.



Moisture measurement

To give you the best possible information about your crop and your machine, VB 3200 series balers can be equipped with a calibratable moisture sensor with a measuring range of up to 40% moisture content. Moisture information shows up in real time on the tractor monitor. The VB 7100 series feature the moisture sensor as standard as a part of the i-DENSE system.



EXCLUSIVE

Bale weighing system

The bale weighing system on VB 7100 series delivers precise and reliable data. Bales are weighed directly on the bale kicker, with a slope compensation sensor ensuring accuracy on uneven terrain. A personalised work screen displays key information such as average bale weight, weight of the last bale, total weight, and work counter metrics. The system operates independently or integrates with KUHNS Baler Automation (Task Controller basic and geo-based), providing a solid basis for yield measurement.



Full visibility

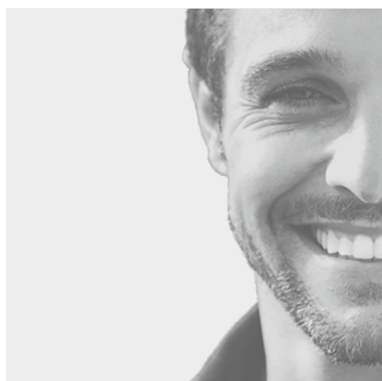
All variable balers can be equipped with a KUHNS camera system to provide optimal visibility and safety around the machine. There are 2 kits available, one kit is compatible with the CCI terminal, the other one consists of a separate monitor and a camera.



KUHN PARTS



Designed and manufactured to rival time. KUHN foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUHN PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorized KUHN dealer.



KUHN SERVICES*

KUHN sos order - Express spare parts service 24/7
KUHN protect+ - The choice of professionals!
KUHN i tech - For ever quicker repairs!
KUHN finance - Invest rationally!

*Not all services and equipment are available in every country.

Technical Specifications

	VB 3255 - 3285			VB 3260 - 3290			VB 7160 - 7190		
	DIRECT FEED	OPTIFEED	OPTICUT 14	OPTIFEED	OPTICUT 14	OPTICUT 23	OPTIFEED	OPTICUT 14	OPTICUT 23
Bale dimensions									
Diameter (m)	0.80 - 1.60 / 1.85			0.80 - 1.60 / 1.85			0.80 - 1.60 / 1.85		
Width (m)	1.20			1.20			1.20		
Pick-up									
Pick-up width (m)	2.10	2.30	2.30	2.30			2.30		
Number of tine rows	4			5			5		
Tine spacing (mm)	61			61			61		
Pick-up wind guard	Standard			Heavy (Ø 217 mm)			Heavy (Ø 217 mm)		
Pneumatic gauge wheels	◆			◆			◆		
Pivoting semi-pneumatic guide wheels	◇			◇			◇		
Intake system									
Intake unit	OPEN THROAT	Rotor with single tines	Cutting Rotor with double tines	Rotor with single tines	Cutting Rotor with double tines	Cutting Rotor with double tines	Rotor with single tines	Cutting Rotor with double tines	Cutting Rotor with double tines
Rotor tines made out of Hardox® wear plates	-			◆			◆		
GROUP SELECTION	-			-	0-4-7-7-14	0-7-11-12-23	-	0-4-7-7-14	0-7-11-12-23
DROPFLOOR	-	◇	◆	◆			◆		
Theoretical cutting length (mm)	-	-	≥70	-	≥70	≥45	-	≥70	≥45
Knife protection	-	-	Individually spring protected	-	Individually spring protected	Individually spring protected	-	Individually spring protected	Individually spring protected
Rotor disengagement	-	◆	◆	◆			◆		
Bale chamber									
Bale formation	5 belts + 3 rollers			5 belts + 3 rollers			4 belts + 3 rollers		
Belts	Laced or Endless			Endless			Heavy-duty endless		
Second drive	-			◇			◆		
Chain oiling system	Automatic			Continuous			Continuous		
Automatic greasing system with reservoir	-			-			◇		
Binding system									
Twine binding	◆			-			-		
Net binding	◇			◆			◆		
Net + Twine binding	◇			◇			◇		
Operation									
ISOBUS (CCI 60 / CCI 800 / CCI 1200)	-			◇			◆		
VT 30	◆			◇			-		
Tractor Implement Management (TIM)	-			-			◇		
Bale pressure setting	In-cab			In-cab			Automatic (i-DENSE)		
Moisture sensor	◇			◇			◆		
Bale weighing system	-			-			◇		
Tyres									
380/55-17.0	◇			-			-		
480/45-17.0	◇			◆			-		
500/50-17.0	◇			◇			-		
500/45-22.5	-			◇			◆		
500/60R22.5	-			-			◇		
600/50R22.5	-			-			◇		
Hydraulic/pneumatic brakes	◇/◇			◇/◇			◇/◇		
Machine dimensions and weights									
Length (m)	4.02			4.02			5.50		
Width (m)*	2.40			2.63			2.68		
Height (m)	2.67 / 2.87			2.67 / 2.87			2.90 / 3.20		
Weight min - max (kg)*	2800 - 3700			2800 - 3700			4200 - 5200		
Power requirements									
Minimum PTO power requirement (kW / hp)**	47 / 64	55 / 75	62 / 84	55 / 75	62 / 84	77 / 105	80 / 109	88 / 120	99 / 135

◆ as standard ◇ optional - unavailable

* Depending on tyre size and additional options.

** Horsepower requirement may vary with different crops, conditions and options used. Consult operators manual for proper tractor sizing.

MyKUHN

THE LINK TO MY SUCCESS

MyKUHN is your online customer space. Sign up now and discover how the exclusive services offered by MyKUHN will facilitate the management of your fleet of KUHN machines and terminals as well as help you maximise their performance. Once identified, on computer, smartphone or tablet, you will have access to parts catalogues, technical documentation and numerous connected services.



Check out KUHN's complete full-liner range in baling and wrapping equipment:



1. Fixed Balers - 2. Baler-Wrapper Combinations - 3. i-BIO+ - 4. Large Square Balers - 5. Round Bale Wrappers - 6. Round and Square Bale Wrappers

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KUHN FARM MACHINERY (U.K.) LTD - Stafford Park 7 - GB TELFORD/ SHROPS TF3 3BQ
KUHN-GELDROP B.V. - Nuenenseweg 165 - P.O. Box 9 - 5660 AA Geldrop - The Netherlands

For more information about your nearest KUHN dealer,
visit our website www.kuhn.com

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