Balers FixBale 500, FixBale 500 FlexiWrap



Fixed Chamber Balers

My way of Farming!

The iM Farming logo appears when the implement can be connected to our smart farming systems and accessories, essential for running your farm.

ADD VALUE TO YOUR RAGE FIXBALE SOC

Working the land, running my farm and connecting with nature. Farming is my way of living, and despite being rough at times, I never grow weary of everyday tasks of attending to my land and livestock. I keep up with developments by staying loyal to personal philosophies and applying the appropriate strategy.

I shape and influence my own future by combining craftsmanship with modern technology, employing the very best machinery. I actively seek new opportunities, by being innovative in my way of working. I work hard to grow a good crop. I am passionate about my livestock, providing my animals with only the best. My farm and its returns, reflects who I am, because my heart and soul is put into the work I do.

Farming is about passion, about growing and developing, my crop, my farm, myself, my way.





" Cost effective and profitable"

Vicon FixBale 500 *High Output, High Performance*

Are you passionate about farming and growing crops on your own farm?

Then you will understand that it is not just about the forage, but also about your personal growth as a farmer. To help you achieve success and make the most of your farming efforts, consider the FixBale 500 chamber baler from Vicon. With extensive knowledge gained from many years combined with baling passion, this baler boasts unrivaled bale quality, superb output, and outstanding reliability thanks to its fully optimised design.

Are you looking to enhance your bale production? Vicon's FixBale 500 is the perfect solution for you! This innovative technology offers you a new way of farming that can significantly improve your productivity. Let us help you take your farming to the next level with Vicon FixBale 500.

Clean Raking Performance *in All Crops*



Assured handling of the widest swaths with FixBale 500's super wide 2.3m working width pick-up.

High Capacity Pick-Up

Despite its class-leading working width, the transport width remains narrower than its rivals due to an innovative internal drive system – there's no need to remove or fold the guide wheels prior to road transport, making your life easier and reducing downtime.

The low profile reel effectively gets under the shortest crops, while five rows of closely spaced tines provide clean raking even in the toughest working conditions. Long tines in combination with new wider strippers allow for even more effective cleaning in wet conditions.





Hydraulic pick-up lift with integrated suspension system for accurate ground following.



Generous flotation tyres with simple height adjustment.



2.3m Pick-up.

2.3m Extra Wide Pick-up

- Equipped with five tine bars with 34 tines per bar.
- Each tine bar is supported by four ball bearings along its length.
- $\cdot\;$ Twin easy access cam tracks located at both ends of the pick-up.
- · Large diameter roller crop press for increased intake speeds.
- Innovative inboard driveline design for reduced transport width.

Renowned Reliability

While offering outstanding performance Vicon pick-up reels have a reputation for reliability. Compare the specification with competitors and the difference is clear to see: each tine bar is supported on multiple bearings, while the tine bars are operated by a cam track located at both ends of the pick-up.

In addition the entire pick-up driveline on FixBale 500 models is designed for further enhanced durability – a truly great combination that gets your crop off the ground with minimal maintenance during long working days.

Large diameter roller crop press for increased intake speeds"





Compact internal Drive System

The FixBale 500 pick-up features a patented internal drive system. This offers multiple advantages compared to conventional systems:

- Overall width is reduced as the drive sprocket is contained within the guide flares, so pick-up wheels do not need to be removed for transport (although on board storage is also provided for those really tight spots).
- The twin cam tracks are located on the outside of the pick-up frame, allowing for easy access to both the cam itself and the cam follower bearings.
- The large diameter drive sprocket results in reduced wear potential compared to externally separated mounted sprockets.
- There is no 'dead area' at the outside of the pick-up to potentially restrict crop flow.

Hungry intake performance *Superior capacity*



ChopFeed 15.

Crop hungry intake performance

Massive intake rotor diameter provides ensured capacity to cope with the toughest harvest conditions. Tines are arranged in a double helix which has been shown to reduce peak loads. The resulting boost in performance is especially useful when working in heavy first cut crops.

ChopFeed 15 Chopping System for optimal Cutting Performance

ChopFeed 15 knife pre-chopping system provides higher efficiency and improved crop flow into the baler. Specially profiled knives have been developed to give a consistent chop length with a low power requirement. With a chop length of 70mm, it is the ideal solution for producing tight, dense bales, which result in improved fermentation, with the further benefit of easier feeding out of bales and less wastage.

New PowerFeed Rotor Intake for Ultimate Capacity

The well-known PowerFeed gets its diameter increased for increased output. The PowerFeed handling both wet and dry crops in all conditions.

Extra capacity in all crop conditions

Enjoy hassle-free blockage clearance with Vicon's patented parallelogram drop floor system. Its unique action gives increased clearance when lowered, not just at the rear like conventional drop floors, but also at the front, so you are quickly back baling again.



PowerFeed intake rotor.

Superior chopping– for improved
silage quality"

Individual Knife Protection

On the ChopFeed 15 each knife is individually spring protected against foreign obstacles, giving a higher level of protection than systems that protect only the complete knife bank. In the event of contact with an foreign object such as a stone, the knife will deflect it. When the obstacle has passed, the knife automatically resets.

The possibility to work with or without knives can be selected from the comfort of the tractor seat, with the monitor showing the status of the knives at all times.

Parallelogram DropFloor System for faster Unblocking

The PowerFeed and ChopFeed 15 intake systems are equipped with the super effective Vicon Parallelogram drop floor system, which brings faster and easier clearing of blockages. The system not only lowers the rear edge of the drop floor as per traditional systems, but also lowers the front section of the floor, where a blockage is more likely to occur.



Drop Floor in working position.





Drop Floor in mid position.



Drop Floor in fully lowered position.

Rugged Driveline Concept – *Ultimate Reliability*



FixBale 500 -Designed for the Toughest Conditions

In today's busy world no-one can afford downtime. In a busy baling season timeliness is everything. To guarantee the lowest possible running costs, the Vicon engineering team came up with a simple yet rugged driveline for FixBale 500. From the one piece integrated main input gearbox, through to oversize drive sprockets and 50mm diameter roller bearings, everything is geared towards ultimate durability, driving down maintenance and operating costs.



Efficiency and Performance

areUnmatched"

High Specification Combined with Simple Maintenance

Time is money – and less time spent on daily maintenance, means more time for baling. The intake rotor and all bale chamber drives are equipped with heavy duty 1½" pitch chains.

Long-life 'HBC' rated chains are specified and are all equipped with a spring loaded tensioner with handy gauge plate, allowing you to see at a glance if any adjustment is required. Joiner links on chains are also colour marked for easy identification at a later date.

Drive sprockets are attached by taper-lock bush, completely eliminating any possibility of wear compared to splined or keyway type fixings.

Integrated Gearbox

FixBale 500 features a one piece integrated input gearbox, which also incorporates drawbar and parking stand mountings. Drive to the rotor and bale chamber are split, balancing out torque loadings, while separate output shafts and bearings are eliminated. Perfect alignment and distribution of loads is guaranteed – your assurance of long term reliability.



 $1\%^{\prime\prime}$ High specification 'HBC' chains are utilised on all bale chamber and rotor drives .



Heavy Duty Bearings for Extended Service Life Bale chamber rollers are carried on 50mm diameter bearings at both ends. Over specified double row bearings

are utilised on six main load points for maximum capacity and ensure long term reliability even when working in tough conditions.

Steel Hydraulic Pipes for Ultimate Reliability

Every step has been taken to maximise reliability. Rubber hoses have been eliminated from the hydraulic system wherever possible and replaced with steel pipes for ultimate durability.



Rigid steel pipes for hydraulic circuits.

Quality & Reliability – *Reduced Downtime*



The optional bale ramp ensures the bale rolls clear of the tailgate to avoid having to reverse before discharging the completed bale.



Experience and Intuition Built-in

Decades of experience designing machines to perform all over the world go into building every Vicon baler. As well as a focus on in-field performance, ease of maintenance and carrying out routine service tasks have been given a high priority.



Large capacity chain lube tank.



Automatic chain lubrication with individually adjustable outlets.



Remote grease bank for bale chamber roller bearings.



Automatic chain lubrication is standard on FixBale 500.

Automatic Chain Lube for Extended Life

Keeping chains correctly lubricated is crucial for an extended lifetime. FixBale 500 is equipped with an automatic system supplying oil to each individual chain. The system is equipped with a generous sixlitres capacity tank, while the quantity of oil delivered to each outlet can be individually fine tuned to vary the amount of oil provided. Each oil pipe is colour coded for simple identification.

Remote Greasing Facility for Bale Chamber and Intake Rotor Bearings

Bearings are simply greased from four centralised grease banks. Sequential distribution ensures an equal quantity of grease is supplied to each bearing.

PowerMax Full Roller Bale Chamber – *Multi-Crop Flexibility*



Top Performance in all Conditions – FixBale 500 is the specialist baler for heavy silage conditions. The bale chamber is formed by 18 ribbed profile rollers which ensure maximum bale density and superb bale rotation in all conditions, while power requirement is also kept to a minimum for more efficient operation.





Full Roller Bale Chamber for Ultimate Versatility The PowerMax bale chamber incorporates 18 heavy duty rollers arranged in a perfect circle for maximum bale rotation capability in all conditions. This is the ideal solution for producing well shaped and dense bales.

Well-shaped and very tight bales"





Lower main bale chamber with twin support rollers.

Perfect Bale Formation

Production of consistent, high density bales in both wet and dry material is assured. Two rollers in the lower section of the main bale chamber spread the load, reducing stress and increasing working lifetime.

Adaptable Bale Density

For ultimate flexibility and ease of operation bale density is hydraulically controlled and continuously monitored electronically. Density level can be precisely tailored from the comfort of the tractor cab according to prevailing crop conditions.



Electronic bale density control.

PowerBind: Great Looking Bales – Time after time



With a FixBale 500 baler you're sure to leave a field of great looking bales. Vicon's PowerBind net system ensure neat, tightly wrapped bales.

Fast Acting Net Cycle

FixBale 500 is equipped with the patented front mounted PowerBind net system. PowerBind eliminates troublesome feed rollers and has market leading cycle time, this result in short stop time for a really high output.

Minimum Time Stationary – Maximum Time Baling

The net is continuously retained in the PowerBind injection arm. When the bale is 90% complete the arm moves forward ready for the net injection. When the bale is 100% complete, the net is fed directly onto the bale in a flat angle keeping the net tight at all times, providing accurate and extremely reliable net injection. PowerBind gives you the confidence of doing a professional job, without any influence from wind or crop build-up.

Low Net Loading Height

PowerBind offers very low loading height for maximum convenience and time saving. To replace the empty roll just swing out the shaft and slide in a new roll.



The PowerBind net wrap system spreads the net past the edge of the bale.



Easy access storage for two spare rolls of net for long working days.



Very low loading height and easy threading of the system make for minimum downtime and maximum time baling.



Setting and Control *In Comfort*



Easy-to-use Control Systems

Take long working days in your stride, with FixBales' easy-to-use control system. Clear colour screen displays and simple graphics show baling information at a glance. All important settings are made from the comfort of the tractor seat, allowing on the move adjustment and a comfortable working environment.

Focus 3

FixBale 500 is equipped as standard with the Focus 3 terminal designed for easy operation with the following functions controlled from the terminal:

- · Bale density adjustment
- $\cdot \;$ Net quantity adjustment
- Tying information during binding cycle
- Selection of manual or automatic binding
- Five daily bale counters & total bale counter
- Selection of knives, drop floor or pick-up raise/lower function



Focus 3 terminal.



Tellus GO+ terminal.

IsoMatch Tellus GO+* – Compact ISOBUS Terminal

IsoMatch Tellus GO+ is a full ISOBUS terminal. The compact design makes it easy to integrate in the tractor cab. Tellus GO+ is equipped with a 7-inch full colour touch screen with hard keys combined with a rotary switch for direct access to main functions.



Always Connected

Vicon Sync ensures seamless connectivity to online services, with smooth data transfer to IsoMatch FarmCentre and Vicon ServiceCentre.

Machine tracking, performance reporting, remote service, and enhanced safety are just a few of the benefits that Vicon Sync delivers.

ISOBUS (option)

All models can be optionally specified with full ISOBUS compatibility for direct connection to an ISOBUS tractor, enabling the baler to work through the tractor terminal. In addition to direct connection to the tractor, ISO specified machines can also be supplied with either Tellus GO+ or IsoMatch Tellus Pro touch screen terminals.



IsoMatch Tellus Pro terminal.

IsoMatch Tellus Pro Terminal*

The IsoMatch Tellus Pro is a virtual terminal combining two Interface screens in one terminal. The 12" touch screen offers ergonomic use and is designed for clear viewing during long days of operation.

With an ever increasing number of functionalities, such as rear view cameras, the Tellus Pro terminal allows the baler interface to be viewed in the top screen, with a camera display to monitor finished bales active in lower part.

(*) These fully ISO terminals can be fitted on FixBale 500, provided the baler is factory ordered with Isobus compatibility option.

TechnoPack (option) get to know more about your bale







TechnoPack

The moisture level of crop entering the bale chamber during the baling process is continuously measured and displayed on the baler terminal.

Sensor plates are mounted in the lower part of the bale chamber, from which the system calculates the percentage of moisture inside the bale. The system is able to detect moisture levels up to 50% allowing the driver to decide at any time if crops such as hay or straw are fit to bale - your assurance of always preserving the best possible forage quality.



Moisture sensors located inside bale chamber.



Average moisture content for completed bale is displayed"

Bale Ramp Sensor

Also included in the TechnoPack is a bale ramp sensor which gives a signal when the discharged bale is clear of the bale ramp.

Moisture Measurement

For added operating convenience the TechnoPack gives continuous real time readout of crop moisture level during baling^{*}. During the binding cycle the average moisture content for the completed bale is displayed.



TIM Baler (option) The implement controls the tractor





TIM 1.3 process sequence with driving speed set by the TIM server: 2 steps per bale





TIM (Tractor Implement Management)

TIM is a cross-product and cross manufacturer ISOBUS solution for the agricultural machinery industry whereby the implement is able to control certain tractor functions.

Baling is one of the jobs that requires the greatest number of actions from the operator. A FixBale 500 Series round baler specified with TIM option handles most of these tasks itself. As a result, it not only provides a significant gain in comfort and efficiency, but also ensures consistently high bale quality.

Key advantages in baling

The TIM system really comes into its own in baling operations where the working windows are often narrow due to weather conditions. The work is completed more quickly and with a higher bale quality. Contractors and large farms in particular benefit from the userfriendliness of the TIM technology, which can be quickly mastered by different operators. The cost aspect is another factor to bear in mind. Highly efficient use of a TIM equipped baler results in lower costs for parts that wear out, fuel, tyres and so on.

Enormous savings in work steps

If the operator is inexperienced or tired, the bale quality and output suffer. With the help of TIM technology, the baler can perform a number of actions for the driver, meaning a significant increase in comfort. For every 100 bales, TIM can save up to 800 operations.

Because the baler opens the tailgate as soon as the bale is tied, this also increases efficiency, especially when the operator is tired. If the system detects a completed bale is ready to be released on a slope the driver is alerted and automatic bale release is paused. The operator can override the automatic process at any time during baling.



Vicon FixBale 500 FlexiWrap



Versatile One-Man Baling and Wrapping Combination

New Vicon FixBale 500 FlexiWrap combine high density baling, fast, accurate bale transfer and a high speed twin satellite wrapper. It is the ideal solution for one-man operation. Designed for working in demanding conditions, the unique bale transfer solution provides trouble-free operation even on steep slopes.



Bale turner option. During transport the kit is automatically pivoted into a safe position on the wrapping unit.



Simple manual operation from new remote control panel.



Twin satellite wrapper with 2 pre-stretchers and 4 endless belts for fast and stable wrapping.

Strong and Durable Chassis Design

FlexiWrap series models feature a strong wrap around chassis which has been optimised to minimise crop build-up. Durable tandem axles provide maximum stability on both road and field. Larger standard equipment 560/45R22.5 Vredestein flotation tyres provide a lighter footprint for reduced field compaction in wet conditions.





Vicon FixBale 500 FlexiWrap



Integrated Baler Wrapper Combination

FixBale 500 Flexiwrap models provide a truly versatile baling and wrapping solution. With the ability to handle multiple crop types, a Vicon FlexiWrap gives you the opportunity to take on every baling task.



Full ISOBUS compatibility as standard.

Handle Everything from the Comfort of the Tractor Seat

Fully automatic control of baling and wrapping from the Tellus Pro terminal. FlexiWrap models are fully ISOBUS compatible, enabling direct connection to any ISOBUS tractor. On completion of bale formation, the wrapper triggers the tailgate opening, bale transfer commences and the wrapping cycle starts. The complete machine functions fully automatically. Baler and wrapper status are continuously displayed on separate areas of the large Tellus Pro touch screen for maximum operator convenience.





Once the net is applied to the bale the wrapping table is transferred to the tailgate of the baler.



As soon as the bale is transferred away from the baler, the tailgate automatically closes, and the baling of the next bale can start.



The bale is dropped directly onto the wrapping table.



The wrapping table moves very fast to the prestretchers and wrapping starts instantly.

High speed wrapping – no risk of film damage"

Fast and Accurate Bale Transfer

Once the net is applied to the bale the wrapping table moves towards the tailgate, ready to receive the finished bale. When the tailgate opens the bale is dropped directly onto the table (no interfering steps from baler to wrapping table). This provides secure bale transfer with no risk of the bale rolling off the table, even when working in hilly conditions. Once the bale is on the wrapping table it is transferred quickly to the satellite wrapper and wrapping starts instantly.

High Speed Wrapping

The wrapping table with 4 endless belts rotates the bale evenly during wrapping with no risk of film damage. The twin pre-stretchers ensure high speed wrapping, so the wrapping process will finish before the new bale is ready. The pre-stretchers are positioned close to the bale, to limit the amount of air trapped under the film during wrapping.

The wrapped bale can be unloaded automatically or manually anytime during formation of the next bale. Manual drop allows the driver to drop the bale in the most convenient place, for example dropped in line for easy pick-up. The low mounted wrapping table gently unloads the bale. In addition the FlexiWrap can be fitted with a bale turner. The bale is tipped off gently on its end, where the highest number of film layers are applied.



Original Parts & Service *We are here so you can focus on your crop*



- 4 24/7 spare parts service
- G Highly skilled dealer technicians





A personalised online platform tailored to your machine needs

With MYVICON you will benefit from easy access to Vicon's online service tools. Receive first hand access to information on future developments and updates, operator and spare part manuals, FAQs and local VIP offers. All information is gathered in one place.



Facts

Model	FixBale 500 PF	FixBale 500 CF15
Machine dimensions & weight		
Length m (ft)	4.15 (13.61)	4.15 (13.61)
Width m (ft)	2.75 (9.02)	2.75 (9.02)
Height m (ft)	2.30 (7.55)	2.30 (7.55)
Weight Kg (lb)	3350 (7385)	3600 (7936)
Bale dimension		
Ch. technology	18 rollers	18 rollers
Diameter min. / max. m (ft)	- / 1.25 (4)	- / 1.25 (4)
Width m (ft)	1.23 (4)	1.23 (4)
Tear drop plate	0	0
Pick-up		
Working width m (ft)	2.30 (7.54)	2.30 (7.54)
Tine to tine width m (ft)	1.98 (6.50)	1.98 (6.50)
Tine rows (nb)	5	5
Tines per row (nb)	34	34
Tine spacing mm (in)	60 (2.4)	60 (2.4)
Roller crop press	•	•
Cam clutch protection	•	•
2 Pneumatic gauge wheels	•	•
Intake		
PowerFeed rotor	•	-
ChopFeed 15 knives	-	•
Single knife protection	-	•
Parallelogram DropFloor	•	•
Driveline		
Integrated one piece gearbox	•	•
Main drive protection	Cam clutch	Cam clutch
Main drive chains	HBC 1 ¼"	HBC 1 ¼"
Automatic chain lubrication system	•	•
Centralized greasing system	•	•
Automatic greasing system	0	0
PowerBind binding systems		
Net (storage)	1 + 2 rolls	1 + 2 rolls
Electronic & controls		
Non Isobus controls	Focus III terminal	Focus III terminal
Isobus compatibility	0	0
IsoMatch terminals (only with Isobus option)	O Tellus GO+ / O Tellus Pro	O Tellus GO+ / O Tellus Pro
TechnoPack bale eject. & humidity indicators	0	0
TIM compatibility	0	0
Wheels and Axles		
15.0/55-17	•	•
19.0/45-17	0	0
500/50-17	0	0
550/45-22.5	0	0
Hydraulic brakes	0	0
Air brakes	0	0
Others		
Linkage position	Adjustable drawbar (low / high)	Adjustable drawbar (low / high)
PTO (rpm)	540	540
Bale ramp	0	0
Hydraulic outlets	1 SA	1 SA
	1 DA	1 DA
Recommended tractor power kw (hp)	52 (70)	65 (85)

Model	FixBale 500 CF15 FlexiWrap
Machine dimensions & weight	
Length m (ft)	7.4 (291.34)
Width m (ft)	2.99 (117.72)
Height m (ft)	3.00 (118.11)
Weight Kg (lb)	6700 (14771)
Bale dimension	
Ch. technology	18 rollers
Diameter min. / max. m (ft)	- / 1.25 (- / 4)
Width m (ft)	1.23 (4)
Pick-up	
Working width m (ft)	2.30 (7.54)
Tine to tine width m (ft)	1.98 (6.50)
Tine rows (nb)	5
Tines per row (nb)	34
Tine spacing mm (in)	60 (2.4)
Roller crop press	
Cam clutch protection	•
2 Pneumatic gauge wheels	•
Intake	
ChopFeed 15 knives	•
Single knife protection	
Parallelogram DropFloor	
Driveline	
Integrated one piece gearbox	•
Main drive protection	Cam clutch
Main drive chains	HBC 1 ¹ / ⁴
Automatic chain lubrication system	
Centralized greasing system	
Automatic greasing system	0
PowerBind binding systems	0
Net (storage)	1 roll
Wrapping unit	1101
Bale transfer mechanism	Transfer table
Support rollers / belts (nb)	2/4
Film pre-stretcher	2
Film roll magazine	10
Bale turner kit	0
Electronic & controls	0
Isobus compatibility	
IsoMatch terminals (only with Isobus option)	O Tellus GO+ / O Tellus Pro
Camera(s)	0
Wheels and Axles	0
560/45-22.5	•
710/35-22.5	0
Air brakes	•
Others	
Linkage position	Adjustable drawbar (low / high)
PTO (rpm)	540
	1 SA
Hydraulic outlets	Load Sensing
Recommended tractor power kw (hp)	105 (140)
 Standard O Ontional - Not available 	105 (110)

Standard O Optional - Not available

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My way of Farming!





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