

**Vicon BW 2100-2250-2400-2500-2850**



# **Round Bale Wrappers**





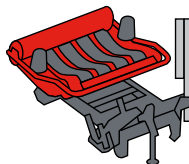
# **Long Experience in Making Top Quality Baled Silage!**



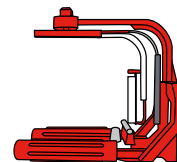




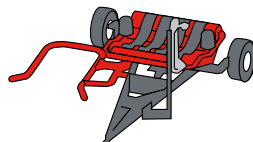
The new generation Vicon bale wrappers offer first-class wrapping performance for discerning farmers and contractors looking for high output, top quality wrapping of bales. The range includes turntable and satellite wrappers, in mounted and trailed versions.



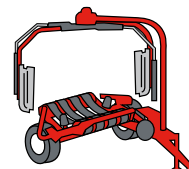
**Vicon BW 2100**  
Round Bale Wrapper  
Mounted Turntable  
Bale Weight: 1000 kg (2210 lbs)



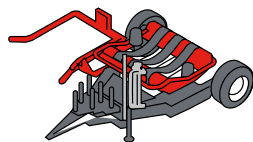
**Vicon BW 2250**  
Round Bale Wrapper  
Mounted Satellite  
Bale Weight: 1200 kg (2650 lbs)



**Vicon BW 2400**  
Round Bale Wrapper  
Trailed Turntable  
Bale Weight: 1000 kg (2210 lbs)



**Vicon BW 2850**  
Round Bale Wrapper  
Trailed Satellite  
Bale Weight: 1500 kg (3315 lbs)



**Vicon BW 2500**  
Round Bale Wrapper  
Trailed Turntable  
Bale Weight: 1200 kg (2650 lbs)



# Ensure Maximum Silage Quality







#### **Spring Type Film Cutter, Vicon BW 2400**

On the Vicon BW 2400 a mechanically operated film cutter cuts and holds the film in position ready to wrap the next bale. An easy to use solution without the need to manually control the operation.



#### **Film Cutter, Vicon BW 2850**

The scissor type film cutter with sharp knives gives a clean cut over the full width of the stretch film. The secure hydraulic film cutter has a spring loaded clamp to hold the film firmly ready for the next bale.



#### **The Pre-Stretcher**

Vicon pre-stretchers provide even film stretch throughout the roll, are easy to operate and require low maintenance. The unique pre-stretch roller profile keeps the stretched film at its optimum width and results in fewer problems with film tear.

The rollers are made of aluminium which avoids the build-up of tack from the film, which can result in overstretch of film and film tear. Specially profiled rollers help to disperse air and water as the film is being stretched.



#### **Easy Change Film Rolls**

Change of film roll is quick and easy with Vicon pre-stretchers. The empty core is released by pushing down a single lever with one hand, all in one movement. Locate the new film roll, flick the handle back in position, and the roll is instantly locked.

Low lifting height of the film rolls is achieved thanks to the low profile design of all Vicon bale wrappers.



Vicon BW 2400

# Trailed Turntable Wrapper



## Effective, Easy to Operate Wrapper

The Viccon BW 2400 is a trailed wrapper designed for smaller tractors. The machine is very easy to operate; even the mechanical version offers fully automatic cut and tie of film. The hydraulically operated loading arm is positioned on the right hand side and can handle bales from 1.20 m up to 1.50 m diameter.

## Clever Design for Maximum Weight Transfer

The clever design of the frame with its extendable wheel arm on the right hand side allows an increase in track width on the field for maximum stability during loading of bales. This allows bales up to 1 ton to be loaded without any counter weights on the machine.



Low design of the machine ensures fast and gentle unloading of the bale with no need for a fall damper.



### Overview, BW 2400

- Trailed turntable wrapper
- Self-loading mechanism
- Mechanical film cutter
- Able to handle round bales up to 1000 kgs (2210 lbs)

### Control Functions

- Vicon BW 2400 M is cable controlled and fitted as standard with a bale and wrap counter with AutoStop function.
- Vicon BW 2400 J is a joystick controlled version, with semi-automatic operation.



For narrow transport width, the right hand wheel is turned to the inside of the support arm.



Hydraulically operated loading arm with a low loading height provides fast transfer of bale from arm to turntable.



The Vicon BW 2400 can be fitted with a bale on end kit. The bale is tipped off gently without damaging the bale.

### Gentle Unloading

The wide spacing of the wheels has allowed an exceptionally low mounting position for the turntable. This allows the table to be tilted downwards until it nearly touches the ground, reducing drop height when unloading bales ensuring the gentlest possible handling of the wrapped bale. This reduces the chance of film damage and eliminates the need for a fall damper or drop mat in normal conditions.



Turntable with two driven rollers designed for high bale stability and smooth even rotation.

### The Turntable Principle

Two large diameter rollers, both of which are driven, ensure bale rotation even in the most difficult conditions. Four endless belts carry and rotate the bale evenly during wrapping with no risk of film damage. The two large diameter conical side support rollers ensure that the bale is kept in a central position on the rotating table during wrapping operation.



Vicon BW 2850

# Trailed Satellite Bale Wrapper



Pick up one bale and wrap it as you move to the next.

## Short Wrapping Time, High Output

The Vicon BW 2850 is well suited to professional operators looking for an easy to use, high volume wrapping operation.

The weight distribution and the tower design of the Vicon BW 2850 series makes it more stronger and more stable, allowing you to wrap on the move. Pick up a bale and wrap it as you move to the next.

## The Contractor's Choice

The Vicon BW 2850 utilises a simple and effective spur gear satellite drive, giving high speed wrapping, reduced wear and maximum reliability. The fully automated wrapping process makes things simple for the operator.

The in-cab electronic control of all functions allows perfect and very simple handling in all conditions for a maximum comfort. Optional equipment includes oversized wheels for soft ground and a bale on end kit.

## Gentle film Handling

The computer controlled version Vicon BW 2850 C is fitted with a proportional satellite control valve, which uses a soft action speed up/slow down, which ensures gentle handling of film and avoids the risk of film breaking at the start of wrapping.

Film break sensing is also available, which also allows the satellites to slow to half speed to finish the bale. This facility also allows the wrapper to operate with only a single pre-stretcher if required.



### Overview, Vicon BW 2850

- Trailed satellite bale wrapper
- Self-loading mechanism
- Scissor type film cutter
- Able to handle round bales up to 1500 kg (3315 lbs)

### Control Functions

- Vicon BW 2850 J semi automatic model has a handy electronic joystick.
- Vicon BW 2850 C computer controlled version with a control box and joystick offers fully automatic operation.



### Satellite Wrapper

Wrapping table with 4 endless belts and two driven rollers, carries and rotates the bale evenly during wrapping with no risk of film damage. The twin pre-stretchers ensure high speed wrapping. They are positioned close to the bale, to limit the amount of air trapped under the film during wrapping.



### Gentle Pick-Up of Bales

The loading system doesn't require the wrapper to lift the bale. Instead it gently rolls the bale onto the table, which then tilts to a level position to start wrapping. The 'Inline' layout means that it loads and unloads bales in the same direction as the baler leaves them, so avoiding having to drive over un-baled swaths and also allowing the wrapper to be towed behind a baler if required.



### Strong and Durable Design

The Vicon BW 2850 is constructed for high capacity wrapping of even the heaviest bales right up to 1400 kg (3315 lbs), and is ruggedly constructed with a strong 'Mono-Section' support tower. This guarantees close and accurate tracking of the satellites around the bale, even in the roughest field conditions.



Fast and gentle unloading of bales with no need for a drop mat.



The Vicon BW 2850 can be fitted with a bale on end kit. The bale is tipped off gently without damaging the film wrap.



Mud guards reduce mud and dirt building up on the pre-stretcher and film rolls when operating in soft ground field and or during transport.



## Control Functions

# Everything Under Control



### **Mechanical Cable Control (M)**

The manual versions (M) are controlled with manual cable control with levers. A wrap and bale counter is fitted for easier control of film layers, as well as number of bales wrapped. An automatic table stop that is controlled by the wrap-and-bale counter is fitted as standard. This converts the wrapper from manual to semi-automatic, as it allows the wrapping function to stop automatically at the set number of table revolutions.

### **Joystick Control (J)**

The semi-automatic Joystick model has a handy electric joystick combined with a control box which is showing you the operations running at any time. Functions like bale and wrap counter and automatic table stop when reaching pre-set number of table revolutions are included as standard.

### **Computer Control (C)**

The computer controlled Model C turns the wrapper into a fully automatic machine offering either a fully automatic operation or a choice of manual override or function by function operation. Choose for example that you want the bale to wrap automatically when loaded, but remain on the wrapping table until you confirm that you want to offload.

### **Remote Control**

An advanced remote controlled version is available as an option (standard on Vicon BW 2100C). Place the bale on the wrapper, press one key on the remote control, and the wrapping process starts. The previously wrapped bale is stacked and the next one picked up while the machine continues wrapping. Press another key when wrapping is completed and the bale is tipped off. One operator does the entire process of loading, wrapping and stacking.



# Technical Specifications

Models	BW 2100	BW 2400	BW 2500	BW 2250	BW 2850
<b>Weight and dimensions</b>					
Length (m)	2.75	4.32	4.32	2.27	4.82
Transport width (m)	1.62	2.52	2.66	1.32	2.53
Transport height (m)	1.75	1.95	2.05	2.13	2.90
Weight (kg)	750	1020	1490	730	1130
<b>Bale</b>					
Max bale size (length x diameter) (m)	1.20 x 1.50	1.20 x 1.50	1.20 x 1.50	1.20 x 1.50	1.20 x 1.50
Max bale weight (kg)	1200	1200	1400	1200	1500
<b>Table</b>					
Mounted wrapper	•	-	-	•	-
Trailed wrapper	-	•	•	-	•
Turntable wrapper	•	•	•	-	-
Satellite wrapper	-	-	-	•	•
Support rollers / belts (nb)	2/4	2/4	2/4	2/0	2/4
Film cutter	•	•	•	•	•
<b>Pre-stretcher</b>					
1 pre-stretcher 750 mm	•	•	•	•	-
2 pre-stretchers 750 mm	-	-	-	-	•
<b>Operations</b>					
Manual cable control (M)	-	•	-	-	-
Electro hydraulic joystick (J)	-	◦	•	-	-
Programmable computer (C)	•	-	◦	•	•
Remote control (C)	•	-	-	-	-
Oil consumption (l/min)	28	28	28	35	40
<b>Wheels and axles</b>					
11.5/80-15	-	•	•	-	•
15.0/55-17	-	-	-	-	-
19.0/45-17	-	-	-	-	-
<b>Option</b>					
Film roll magazine		•	•		•
Bale and wrap counter	•	•	•	•	•
Auto-Stop at end wrapping cycle	•	•	•	•	•
Auto-Stop by end of film / film tear (C)	•	-	◦	•	•
Bale on end turner	◦	◦	◦	-	◦
Road lights	-	•	•	-	•

• = Standard ◦ = Optional - = Not Available

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Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package of systems and solutions to the professional farming community. The offering covers soil preparation, seeding, forage- and bale equipment, spreading and spraying.



## Original Spare Parts

**Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.**

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