

**Vicon BW 2100-2250-2400-2600-2850**



# **Round Bale Wrappers**





# Ensure Maximum Silage Quality







#### Hydraulic Film Cutter (Turntable)

On the Vicor BW 2100, BW 2400 and BW 2600 a hydraulically 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.



#### Hydraulic Film Cutter (Satellite)

The scissor type film cutter with sharp knives is standard on BW 2250 and 2850 and 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

Vicor 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 Vicor 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 Vicor bale wrappers.



Vicon BW 2100

## Three-Point Mounted Turntable Wrapper



### Wrapping at Storage Site

Vicon BW 2100 series are three-point mounted wrappers with a simple but very reliable way of wrapping silage bales. The Vicon BW 2100 is ideal for 'wrap and stack' operations. When the bale is being transported to the storage site for wrapping, this three point mounted version is the ideal solution. It can be mounted on the rear or front hydraulics of the tractor or used as a static machine with an external power pack.

### Easy Operation

Once the wrapping process is activated the whole operation is running automatically. You only need to push the button again to unload the wrapped bale. The Vicon BW 2100 has full computer control, including a mini joystick, with autostop at the end of the wrapping cycle and an integrated bale counter. A Radio frequency remote control can be supplied as optional equipment, allowing cycle start and discharge of the wrapped bale to be controlled from the loader tractor. A film break sensor is also optionally available.



Bale and wrap counter is standard.

### Overview, Vicon BW 2100

- Three-Point Mounted Turntable Wrapper
- Hydraulic film cutter
- Able to handle round bales up to 1200kgs (2650lbs)

### Control Functions

- Vicon BW 2100 C computer controlled version with a control box and optional Radio frequency remote control offers fully automatic operation.

## Remote Control for maximum productivity

The entire wrapping process of the Vicon BW 2100 can be controlled remotely from the loading tractor. One operator does the entire process of loading, wrapping and stacking. The radio frequency remote control, available as optional equipment, offers significant advantages compared to older systems relying on 'line of sight' infra red technology. With a range of up to 300 metres and safety interlock when out of range, the BW 2100 complies with the latest EU safety directives.

- Place the bale on the wrapper, press the play 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 the play key again and the wrapped bale is tipped off and the table rotated 90 degrees ready to receive the next bale.
- Additional operations controllable from the remote include wrapping table lift/lower and a process pause key.



Low table height for fast and gentle unloading.



Vicon BW 2400

# Trailed Turntable Wrapper



## Effective, Easy to Operate Wrapper

The Vicon 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 hold 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 1.2 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, Vicon BW 2400

- Trailed turntable wrapper
- Self-loading mechanism
- Hydraulic film cutter
- Able to handle round bales up to 1200kg (2650 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 2600

# Heavy Duty Trailed Turntable Wrapper



## The Professional Choice

The trailed Vicon BW 2600 is ideal for users that wrap large numbers of bales, but still prefer the turntable wrapping system. It is designed for high output operation even in rough or hilly conditions. The Vicon BW 2600 offers a rugged design and is capable of handling bales up to 1400kg.

## On the Move Wrapping

Designed with larger farms and contractors in mind, the Vicon BW 2600 is available with Semi-automatic joystick control or fully automatic computer controls. The strong design of the Vicon BW 2600 allows a second bale to be carried on the loading arm, whilst the first is being wrapped. This significantly increases efficiency and capacity. The low table height ensures fast on-the-move operation.



Extra counter weights can be fitted on the left hand side of the machine to ensure full stability also for the heaviest bales.



### Overview, Vicon BW 2600

- Trailed turntable wrapper
- Self-loading mechanism
- Hydraulic film cutter

- Able to handle round bales up to 1400 kg (3080 lbs)
- Able to carry two round bales of up to 1000 kg (2210 lbs)

### Control Functions

- Vicon BW 2600 J is joystick controlled version, with semi-automatic operation.
- Vicon BW 2600 C, the computer controlled version with control box and joystick, offers fully automatic operation.



## Low Profile Design

The Vicon BW 2600 has a low table height and wheels located at the very rear of the machine. This ultra low profile design offers significant operating advantages.

- When working across side slopes the bale can be easily lifted onto the table from either the top or bottom side, as the widely spaced wheels and optimally positioned counterweights give superb stability, allowing safe and secure bale loading.
- Due to the low table height, faster table rotation speeds can be maintained even when moving across rough terrain, reducing the risk of a bale being thrown off the table during wrapping.
- The low table height and widely spaced rear mounted wheels allow the table to gently discharge the wrapped bale while on the move, eliminating the requirement for a fall damper
- Generously proportioned 15.0/55-17" flotation tyres allow operation in the softest ground conditions without fear of leaving marks on the sward.



The adjustable loading arm with rear end stopper and inner support tube, allows the bale to be picked up and loaded on the move.





## Vicon BW 2250

# Self-Loading Satellite Bale Wrapper

### Satellite Arm for High Output

The new Vicon BW 2250 is equipped with a low maintenance satellite drive for fast and efficient wrapping. As the bale rotates in only one direction, high wrapping speed can be used without the risk that the bales is thrown off the table. The Vicon BW 2250 is capable of handling bales from 1.20 m up to 1.50 m diameter. Thanks to the compact design of the wrapper the bale is located close to the tractor during wrapping/transport. This ensures high stability and an even weight distribution which allows the use of this wrapper also with medium power tractors.

### Wrap on the Move

BW 2250, thanks to the big support roller, allows the operator to wrap on the move. Pick up one bale and wrap it as you move to the storage site or to the next bale.

The BW 2250 provides easy and gentle self-loading of the bales. The bale is gently lifted to the wrapping position by two guide rollers. Satellite pre-stretcher ensures fast and accurate wrapping of the bale. The BW 2250 is able to wrap the bale as it is being transported to the storage site.

When the wrapping process is finished the bale is gently lowered to the ground. An optional hydraulic bale turner gently tips the bale onto the flat side.

### Easy to Operate

BW 2250 is available with fully programmable computer control comprising a mini-joystick for the main functions. The very efficient hydraulic scissor type film cutter has a spring loaded clamp to hold the film firmly ready for the next bale. Replacement of the film rolls is very easy and can be done with the machine standing steady on the ground.

SATELLITE WRAPPER



COMPUTER CONTROL + MINI JOYSTICK

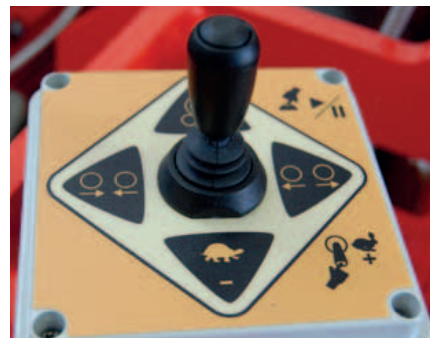
SCISSOR TYPE FILM CUTTER

GENTLE LOADING AND UNLOADING OF BALES

SELF-LOADING MECHANISM



Monitor for the programming and control of the full wrapping cycle ...



... and mini-joystick the control of main functions.



### Overview, Vicon BW 2250

- Three-point mounted satellite bale wrapper
- Self-loading mechanism
- Scissor-type film cutter
- Able to handle round bales up to 1000 kg (2200 lbs)

### Control Functions

- Vicon BW 2250 has a fully programmable computer and a handy electronic joystick.

WRAP ON THE MOVE



### Self-Loading of Bales

The new BW 2250 has a self-loading mechanism to gently load and unload the bales. Pick up one bale and wrap it as you transport it to the storage site.

During loading, the bale is lifted straight up, in order to prevent it from becoming contaminated by any earth, and when the bale is unloaded, it is gently lowered rather than being tipped off.



Easy and gentle self-loading of the bales – the bale is gently lifted by the rollers.



Easy film roll replacement.



Vicon BW 2850

# Trailed Satellite Bale Wrapper



Highest output with perfect wrap quality.

## 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 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 immediately stops the cycle in the event of film breakage or end of a film roll. The bale is automatically reversed to the position prior to film break. 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.



Optional 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

C



### Computer Control (C)

Machines equipped with computer (C) control have a fully automated wrapping cycle allowing stress free high output operation for long days in the field. All computer models come equipped with a compact electronic joystick which can be mounted on the tractor armrest, allowing

fingertip initiation of wrapping and bale tip functions as well as immediate manual override of other functions at any time.



R



### Remote Control (R)

A Radio frequency remote control version is available as an option. 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.

J



### Joystick Control (J) (turntable wrappers)

The semi-automatic electronic joystick gives proportional control of all functions for silky smooth operation. Once wrapping has commenced the joystick can be released for hands free operation until the correct number of wraps have

been applied, at which point the table automatically stops rotating. Discharging the wrapped bale could also not be simpler - the film cut and hold device is automatically triggered, requiring no operator input. A bale and wrap counter is also included, making operation a breeze.

J



### Joystick Control (J) (satellite wrappers)

BW 2250 and BW 7850 are available with fully programmable computer control comprising a mini-joystick for the main functions.



M



### 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 bale and wrap 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.



# Technical Specifications

Models	BW 2100	BW 2400	BW 2600	BW 2250	BW 2850
<b>Weight and dimensions</b>					
Length (m)	2.75	4.32	4.32	2.22	4.82
Transport width (m)	1.62	2.52	2.66	1.41	2.53
Transport height (m)	1.75	1.95	2.05	2.58	2.90
Weight (kg)	750	1020	1490	620	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	1000	1500
<b>Table</b>					
Mounted wrapper	•	-	-	•	-
Trailed wrapper	-	•	•	-	•
Turntable wrapper	•	•	•	-	-
Satellite wrapper	-	-	-	•	•
Support rollers / belts (nb)	2/4	2/4	2/4	2/-	2/4
Film cutter	•	•	•	•	•
<b>Pre-stretcher</b>					
1 pre-stretcher 750 mm	•	•	•	•	• J
2 pre-stretchers 750 mm	-	-	-	-	• JT+C
Max. wrapping speed (rpm)	30	30	30	35	35
<b>Operations</b>					
Manual cable control (M)	-	•	-	-	-
Electro hydraulic joystick (J)	-	•	•	•	• J+JT
Programmable computer (C)	•	-	•	•	•
Remote control (C)	◦	-	◦	-	-
Oil consumption (l/min)	28	28	28	26	40
<b>Wheels and axles</b>					
10.0/80-12	-	•	-	-	-
11.5/80-15	-	-	-	-	•
15.0/55-17	-	-	•	-	◦
<b>Option</b>					
Film roll magazine	-	•	•	-	•
Adapter Kit for 500 mm Film spool	◦	◦	◦	◦	-
Bale and wrap counter	•	•	•	•	•
Auto-Stop at end wrapping cycle	•	•	•	•	•
Film end/tear sensor (C)	◦	-	◦	-	◦
Bale on end turner	◦	◦	◦	◦	◦
Road lights	-	◦	◦	-	•

• = Standard ◦ = Optional - = Not Available

Information provided in this brochure is made for general information purposes only and for worldwide circulation. Inaccuracies, errors or omissions may occur and the information may thus not constitute basis for any legal claim against Kverneland Group. Availability of models, specifications and optional equipment may differ from country to country. Please consult your local dealer. Kverneland Group reserves the right at any time to make changes to the design or specifications shown or described, to add or remove features, without any notice or obligations. Safety devices may have been removed from the machines for illustration purposes only, in order to better present functions of the machines. To avoid risk of injury, safety devices must never be removed. If removal of safety devices is necessary, e.g. for maintenance purposes, please contact proper assistance or supervision of a technical assistant. © Kverneland Group Kerteminde AS





## Kverneland Group

**Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.**

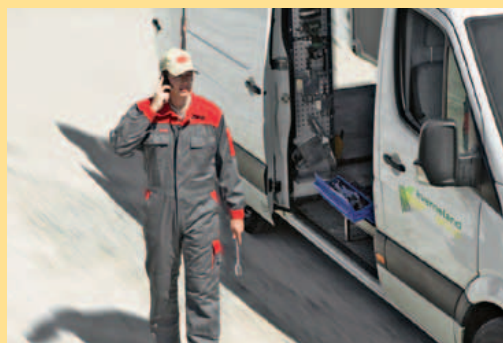
Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery.



## 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.**

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



**Watch us on YouTube**  
[www.youtube.com/kvernelandgrp](http://www.youtube.com/kvernelandgrp)



**Like us on facebook**  
[www.facebook.com/KvernelandGroup](http://www.facebook.com/KvernelandGroup)  
[www.facebook.com/iMFarming](http://www.facebook.com/iMFarming)



**Follow us on Twitter**  
[@KvernelandGroup](https://twitter.com/KvernelandGroup)  
[@iM\\_Farming](https://twitter.com/iM_Farming)

**Kverneland Group UK Ltd.**  
Walkers Lane, Lea Green, St. Helens  
Merseyside, WA9 4AF  
Phone + 44 1744 8532 00

**Kverneland Group Ireland Ltd.**  
Hebron Industrial Estate  
Kilkenny, Ireland  
Phone + 353 56 51597

[www.vicon.eu](http://www.vicon.eu)

