



» Vicon RV 1601 Balepack



» Vicon RF 135 Balepack



» Vicon RF 135 3D-Pack



*Vicon RF 135 BalePack*

## Vicon RF 135 Balepack

### Performance is the key to success

The combination of a high pick-up capacity, integral rotor technology and high output satellite wrappers are just a few examples from an exhaustive list of features that makes Vicon balers and baler-wrapper combinations the number one choice for high output, low cost silage production.

#### » Integral Technology

#### » OptiCut crop chopping system

#### » Autoform

#### » Unique roller construction

#### » 3D-wrapping

### Twin loading forks speed up bale transfer

The heaviest silage bales are securely moved from bale chamber to wrapping table by the twin fork bale transfer and loading system. Even when operating up, down or across the steepest slopes, accurate bale transfer to the wrapping table will always take place.

The system does not require the wrapper to lift the bale, so the risk of the bale moving sideways is minimised. Each bale will always be correctly positioned on the wrapping table, ensuring the most efficient application of film.

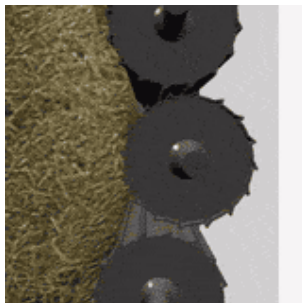


*Two loading forks to speed up the process*

### Perfectly wrapped bales

Consistent density with net extending to the edges of every bale is a distinctive hallmark of silage bales produced by Vicon round balers. Hydrostatic drives, plumbed in series, ensure perfect synchronisation between wrapper table and twin-arm satellites for uniform film overlap.

And the pre-stretch ratio is maintained at 70% throughout the wrapping process. Potential for air ingress is minimised through the use of narrow radius satellite arms which keeps the film tightly pressed against the bale.



*19 rollers for a more effective compression*

### Inherent strength and durability

The sturdiness and durability engineered into RF BalePack is evident from the design of the undercarriage. With a tandem axle rated at 7.6 tonnes capacity and a chassis assembled from hollow section tubing, the machine can comfortably carry two, heavy, wet silage bales.

The Vicon BalePack are able to cope with the most demanding of infield conditions. Four wide-profile, low ground pressure tyres keep soil compaction to a minimum.



*Undiminished reliability in hill side conditions*



## Vicon RF 135 3D-Pack

### 3D wrap: redefining bale wrapping

Compared to conventional bale wrapping, the new 3D bale wrapping system from Vicon achieves better and more secure silage quality. Due to the direction the film is applied on the bale, the bale keeps its shape. Even with short and wet grass, the bale doesn't lose its shape during storage, which also prevents leakage from the sealing of the bale.

» Integral Technology

» OptiCut system

» Autoform

» Unique roller construction



When the film is fixed on the bale, the satellite arm stops diagonally above the bale, and the pre-stretchers are turned 90° to horizontal position.



With the pre-stretchers in horizontal position, the bale is turning on the wrapping table and the satellite arms are slightly adjusted to ensure 20 cm overlap over the edge of the bale.



As soon as the edges of the bale are wrapped with 2 layers of film the satellite arms move to the middle of the bale to close the bale with 2 layers of film.



At the end of the wrapping cycle the prestretchers pivot into vertical position again to close the bale with 4 layers of film.



When the wrapping is finished and the film is cut, the bale is turned once again on the wrapping table. The purpose is to improve the adhesion between the film layers and to attach the loose ends of film caused by the cutting of the film.



Vicon RV 1601 Balepack

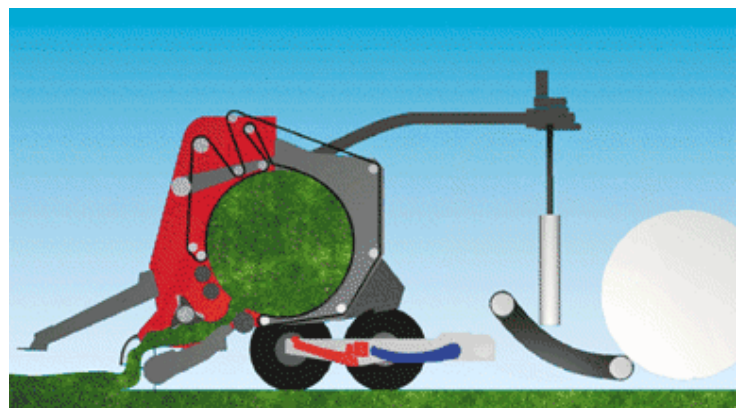
## Vicon RV 1601 Balepack

The new RV1601 Balepack uses a fully integrated twin-arm wrapper mounted on a tandem axle chassis to take advantage of the variable chamber baler's high output capability.

Using a variable chamber baler means farmers and contractors can select a range of bale diameters to suit their own applications, extending from 1.0m to 1.6m.



Positive crop feed through the RV1601 BalePack's 2.1m pickup is by Vicon's integral rotor technology. The standard specification Optifeed version uses a highcapacity, large diameter rotor, which has auger flights on each end, to funnel crop towards three rows of feed tines in the central area that are arranged in a helix pattern. This design ensures even the heaviest of swaths can be handled with ease. Integral rotor technology allows the standard Optifeed system to be swapped for the optional 14-knife or fine chop 23-knife Opticut crop pre-chopping system.



The wrapper uses a tilting table, which is automatically angled towards the back of the baler to accept the bale as it is ejected from the chamber. Twin loading arms transfer the bale onto the wrapper, and in doing so, prevent the bale from rolling back into the baler's rear door, even when operating on a downhill slope. Twin satellite arms provide high output wrapping, with the bale positively turned using two large diameter rollers covered with four belts. On completion of wrapping, the bed is tilted to gently discharge the bale.

bale straight through. A benefit of this technique includes the ability to carry a completed bale on the wrapper while continuing baling. This allows the operator to eject a pair of bales simultaneously, to simplify bale collection.

The RV1601 Balepack can be used in hay and straw, with operators having the option of removing the wrapper from the machine, or simply ejecting the

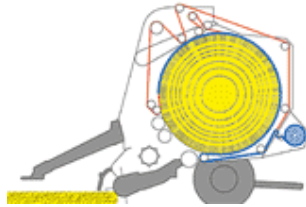


## Progressive density Plus

### High density bales with a moderate core

#### Progressive density bale formation

Key to the latest generation RV balers is the development of a progressive density bale formation system for improved bale structure. As the bale grows within the bale chamber, the belt tensioning arm is subjected to steadily increasing resistance from 2 hydraulic cylinders and a spring tensioner. So as the bale diameter grows, so does the bale's density. The result is a very firm bale with a moderate core - not too soft, or too hard. With a tougher outer shell, straw bales will be more tolerant to poor weather conditions, while silage bales will maintain their shape for improved stacking and easier handling.



*As the bale diameter grows, so does the bale's density.*

As the bale grows, the belt tensioning arm is subjected to steadily increasing resistance from 2 hydraulic cylinders and a spring tensioner. So as the bale diameter grows, so does the bale's density.



## OptiCut crop chopping system

Vicon's OptiCut crop chopping system uses 14 or 23 knife chopping rotors. The OptiCut system ensures that 100% of the crop is cut as it enters the baler and the hydraulically adjustable knives can be fully in work, fully retracted or set in an intermediate position.



*Hydraulically adjustable knives*



Pre-chopping the crop prior to the baling process gives three major advantages: the bales can be unrolled and distributed more easily, every bale contains up to 15% more material and in silage, quality is improved due to the more rapid fermentation achieved. Even distribution in feeding wagons is no longer a problem.

The benefits of increased bale density also make the transport of silage, hay and straw more cost effective and allow considerable savings on net and plastic film costs.



Netwrap in progress

## AutoForm control system

In cab control and monitoring

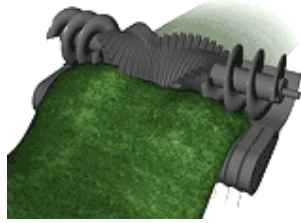


The AutoForm in-cab control system allows the operator to make adjustments to the baler from the comfort and safety of the tractor cab. Using AutoForm, the operator can select net or twine tying and adjust the quantity of net or twine applied. Also the total amount of net used is shown on the display.



## Integral Technology

### Optimal performance in all conditions



For heavy crops or lumpy matted swaths, Vicon's integral auger technology offers a high intake capacity. The large diameter augers, combined with rotor tines arranged in a helix pattern, improve the way dense, wet grass or heavy, tangled straw is cleared from the pickup, giving optimal performance in all conditions.

