

BW 1100-1104-1200-1400-1600-1604-1850



Bale Wrappers



Ensure Maximum Silage Quality



The Vicon 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. A special pattern keeps air and water away as the film is being stretched.

Easy change film rolls

Bale quality and density are fundamental to Change of film roll is quick and easy with Vicon pre-stretchers. The empty core is released by pushing the upper handle sideways and up, all in one movement. Locate the new film roll, flick the handle back in position, and the roll is instantly locked. The pre-stretch rollers are kept clear during loading by an easy-to



operate lock that automatically releases simply by pushing the lower handle after film roll exchange. Low lifting height of the film rolls is achieved thanks to the low profile design of all Vicon balewrappers.

Easy adjustment

The pre-stretcher can be adjusted up and down to ensure that the film is positioned at the centre of the bale regardless of bale diameter. 750 mm units are fitted as standard. For the turntable-wrappers a spacer and table belt drive kit is also available for using 500 mm film. The pre-stretchers are fitted with aluminium rollers and ensure even pre-stretch (70%) and maximum film width. An alternative pre-stretch ratio (60%) is available for wrapping in very warm conditions.





Wrapping table with large widely spaced rollers

The table is fitted with four endless belts for gentle bale handling even of loose or awkward shaped bales. The two big diameter widely spaced rollers bring the bale deep into the table providing a large contact area on the bale. This ensures even bale rotation for maximum film overlap accuracy and reduces the chances of loose bales breaking up or misshapen bales falling off the table.



Easy and gentle bale handling

With their ingenious low profile design, Vicon bale wrappers avoid the use of unnecessary steel and heavy counter weights, making the

design slimmer and lighter – without sacrificing strength! The lower weight reduces soil compaction, which can affect crop yields.

BW 1100

Three Point Mounted Bale Wrapper



The BW 1100 is ideal for 'wrap and stack' operations. When the bale is being transported to the storage site for wrapping, the three point mounted BW 1100 is the ideal solution.

Two versions available

M-model: has its own valvebank, is controlled from the tractor by cables. C-model: advanced remote controlled version that can be operated from the loading tractor.

Manually operated machine

The manually operated machine is operated through cables. The two levers can be positioned beside the pre-stretcher for external operation, or inside the tractor cab for operation from the tractor seat. The optional film Appli-cutter eases the in-cab operation. A wrap-and-bale counter can be 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 available too. 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.

BW 1200



Hydraulic film cutter

Loading, wrapping and transport the bale.

The three point mounted BW 1200 is capable of doing this by itself. After loading the bale, the bale can be wrapped during transport to the storage site.

Two different control systems are available on the BW 1200. A semi-automatic operated (M) version with only two levers and a fully computer controlled (C) version.

The BW 1200 is capable to handle bales from 0.90m up to 1.50m diameter. Due to the building structure of the wrapper the bale is located

close to the tractor during wrapping / transport. This contributes to the stability and a positive weight division.

The secure hydraulic filmcutter has a spring loaded clamp to hold the film firmly ready for the next bale. Replacing the film rolls is very easy and can be done while standing steady on the ground.

Several options can be added to the BW 1200 such as a counterweight for the statellite, a ground support roller and an extra support roller to allow the wrapper being more angled towards the tractor.

Optional counterweight

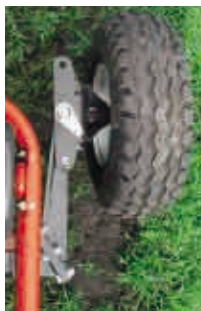


Ground support roller



BW 1400

An Effective, Easy to Operate Wrapper



Changing from transport to work position

Clever design for maximum weight transfer

The Vicon BW 1400 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 fork is positioned on the right hand side and can handle bales from 1.20 m up to 1.50 m diameter.

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. This allows bales up to 1 ton to be loaded without any counterweights on the machine. 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, this 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. For transport on very narrow roads, a turnable wheel can also be fitted on the left hand side as an option.

Bale-on-end kit



BW 1600

Heavy Duty Turntable Bale Wrapper for Professional Use



The BW 1600, designed for high output operation even in rough or hilly conditions.

The design and strength of the BW 1600 allows a second bale to be carried in the loading arm, whilst the first is being wrapped. The low table height ensures fast on-the-move operation.

The adjustable loading arm with rear end stopper and inner support tube, allows the bale to be picked up and loaded on the move. The low slung chassis combined with a short lifting height, provides fast transfer of the bale from arm to turntable. The low mounted table design allows higher rotation speed. It also ensures vast and gentle on-the-move unloading with no need for a fall damper.

Choose between three different control versions, all offering a quick operation. The manually model (M) is operated by three in-cab levers.

The Semi automatic (S) model has a handy electronic joystick. The computer controlled model (C) offers a fully automatic operation.



Counter weight



Heavy duty design



Optional Bale turner

BW 1850

High Capacity Satellite Wrapper



The BW 1850 comes with an updated hightec design, and have also got several improvements to ensure even longer lifetime.

Short wrapping time, high output

The flagship of the range, the Vicon BW 1850 is a high output satellite wrapper which utilises the latest wrapping techniques to raise productivity to new levels. The BW 1850 operates using a clever operating technique rather than relying on sheer power and weight. Its patented 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. This ingenious design allows the wrapper to operate equally well both behind a tractor and towed behind a baler. The unique 'Inline' layout of the BW 1850 means that it loads and unloads bales in the same direction as the baler leaves them, so avoiding the need for the wrapper to be continuously driven across the swaths when working in the same field as the baler.

Gentle film handling

The topmodels are 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 a twin satellite machine to operate with only a single pre-stretcher in use if required.

Flexibility combined with high capacity

The BW 1850 is constructed for high capacity wrapping of even the heaviest bales right up to 1400 kg. All versions of the BW 1850 are ruggedly constructed with a twin support tower. This guarantees close and accurate tracking of the satellites around the bale, even in the roughest field conditions. The BW 1850 is available in both single and twin satellite versions, with both models utilising a simple and effective spur gear satellite drive, giving

reduced wear and maximum reliability. The manually controlled model is ideal for farmers and smaller contractors. When optimum capacity is required, the BW 1800 can also be specified with computer control, two pre-stretchers, film-end sensors, and hydraulic drawbar adjustment. The BW 1800 C model, is equipped with computer control and a hydraulically operated drawbar.



For even higher capacity wrapping, the BW 1850 can be equipped with double pre-stretchers reducing wrapping time by a further 50%. Optional equipment includes twin pre-stretchers, oversized wheels for soft ground, a bale on end kit and an electronic remote control option for 'wrap and stack' operations. This range of features makes the Vicon BW 1850 one of the most flexible bale wrappers on the market!

Choose a bale wrapper that reduces the need for horsepower!

The ingenuity of the Vicon wrapper allows the construction to be light, even with twin pre-stretchers. In addition to being light, the Vicon BW 1850 is designed so as to place all the "action" over the wheels. This reduces the movement in the rig and thereby also the need for powerful tractors. This well built machine does not need any counter-weights or drop damper. The pressure on the soil is kept to a minimum at all times.

One man operation

The design of the BW 1850 makes it ideal for operation behind a baler. All you need is a cable and hose extension kit and a drawbar connection kit. Combining this option with twin satellites, the BW 1850 becomes a high capacity one-man baling & wrapping rig.

The contractor's choice

The Vicon BW 1850 is well suited to those operators looking for an easy, high volume, one-man baling and wrapping operation. The fully automated wrapping process makes things simple for the operator. The in-cab electronic control of all functions allows per-fect handling whether the machine is used behind the tractor or in-line behind a baler.



Manual operation (M)



Joystick operation (S)



Computer control (C)



Bale on end kit

Tightly Sealed Bales with Less Film Consumption



Bale shape

The BW1850 is available with 3D wrapping system. Compared to conventional system, the 3D gives 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.

Bale density

As the stretch film pressure on the bale wrapping in longitudinal direction is very high, the film will apply approx. the same pressure on the bale as the net does. Especially with hay having high dry matter contents, you will see a reduced bale diameter compared with conventionally wrapped bales. This is due to the higher compression of the bale, which ensures a better silage quality.

Gentle treatment of the stretch film

The first layers of film applied directly to the bale are placed in the same direction as the net. When working in mature grass silage and haylage, mature stalks are gently rolled against the surface of the bale, making them much less likely to puncture the initial layers of film. The film overlap up to 20 cm over the edges of the bale ensures even film distribution over the bale. The waste of film on the inner part of the top end of the bale can be saved, enabling you to wrap up to 10-20% more bales with the same amount of film. This protects the environment and increases your profit!



Vicon BW 1104



Vicon BW 1104

The Vicon BW 1104 three-point mounted wrapper represents simple but very reliable way of wrapping silage bales. When the bale is transported to the storage site for wrapping, the BW 1104 is the ideal solution.

The top model offers the maximum in output and silage quality. The entire wrapping process can be controlled remotely from the loading tractor (model C)



The hydraulic cutter gives a clean and secure cut.



The three-point mounted wrapper are loaded by means of a tractor equipped with a loader and a bale grip. After wrapping, the finished bales are tipped off hydraulically

Vicon BW 1604



Vicon BW 1604

The Vicon BW 1604 is a trailed square bale wrapper which can handle bales up to 1200 kg. The 'C' model offers either a fully automatic operation or a choice of manual override of 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. Operation of the filmcutter on the 'M' model is connected to the table function.



A second bale can be carried on the loading arm, whilst the first is being wrapped. After wrapping the bale is fast and gentle on-the-move unloaded with no need for a fall damper.



During transport the wheels can be folded inwards.

Technical Specifications

	BW 1100	BW 1200	BW 1400	BW 1600	BW 1850	BW 1104	BW 1604
Weight and dimensions							
Total length (m)	2.51	2.27	4.32	4.20	4.29	2.47	4.85
Transport width (m)	1.77	1.32	2.43**)	2.66	2.55	2.29	2.49**)
Weight (kg)	700	700	1000	1470/1620*	1250	955	1565
Height in transport (m)	2.05	2.13	2.23	2.35	3.07	2.05	2.35
Wheel dimensions standard	-	-	10/80-12"	15/55-17"	11.5/80-15.3"	-	15/55-17"
Wheel dimensions optional	-	-	360/55-12"	-	400/60-15.5"	-	-
Bale							
Max bale size (length x diameter)(m)	1.25x1.50	1.25x1.50	1.25x1.50	1.25x1.50	1.25x1.50	(70-90)x(60-100)x180	(70-90)x(60-100)x180
Maximum bale weight (kg)	1200	1200	1000	1100/1200*)	1400	1.200	1.100/1.200*)
Oil consumption (l/min)	26	24	26	26	35	26	26
Operation							
Cable controlled valve bank (M)	●	●	●	●	●	●	●
Electro hydraulic joystick controls (S)	-	-	-	●	●	-	-
Programmable computer controls (C)	●	●	●	●	●	●	●
Remote control (C)	●	-	o	o	o	●	o
Pre-stretcher							
One pre-stretcher 750 mm	●	●	●	●	●	●	●
Two pre-stretchers 750 mm	-	-	-	-	o	-	-
Adapter for 500 mm film	o	-	o	o	-	-	-
Option							
Film Appli-Cutter	●	●	●	●	●	●	●
Film roll magazine	o	-	o	o	o	-	o
Wrap- and bale counter (M)	o	●	o	●	●	●	●
Autom. stop when end of cycle (M)	o	●	o	●	●	●	●
Autom. stop by end of film / film tear (C)	o	-	o	o	o	o	o
Rubber drop mat	-	-	o	o	o	-	-
Bale turner, to put bale on end	o	-	o	o	o	-	-
Road lights	-	-	o	●	●	-	●
1/2 speed by film end / film break (C)	-	-	-	-	o	-	-

● = standard o = option - = not available *) Fitted with extra counter weights **) Wheels folded for transport

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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 of systems and solutions to the professional farming community. The offering covers soil preparation, seeding, forage- and bale equipment, spreading and spraying.



Extensive Product Range

Vicon offers an extensive range of farm implements: mower conditioners, drum and disc mowers, tedders, rakes, fixed and variable chamber round balers, big square balers, bale wrappers, fertiliser spreaders, maize choppers, sprayers, soil cultivation and seeding systems.



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