



For Earth, For Life
Kubota

WR

KUBOTA ROUND BALE WRAPPERS WR1100/WR1250/WR1400/ WR1600/WR1850

Bale wrappers for round bales of 1.20 x 1.50 and up to 1500kg



ENSURE MAXIMUM S



There is a model in the range to suit all requirements, from the mounted WR1100 which is ideally suited to 'wrap at the stack' operations, through to the trailed high capacity WR1850 twin satellite model.

Every model is equipped with twin driven table rollers, ultra-low loading/unloading height and many other premium features often not found on competitive machines.



Kubota WR1100

Turntable wrapper, mounted
Max bale size: 1.20x1.50m



Kubota WR1400

Turntable wrapper, trailed
Max bale size: 1.20x1.50m

BALAGE QUALITY



Kubota bale wrappers have been designed to offer fast and accurate wrapping of your precious forage crops. An investment in a Kubota bale wrapper is your guarantee of cost effective bale wrapping.



Kubota WR1600

Turntable wrapper, trailed
Max bale size: 1.20x1.50m



Kubota WR1250

Satellite wrapper, mounted
Max bale size: 1.20x1.50m



Kubota WR1850

Satellite wrapper, trailed
Max bale size: 1.20x1.50m

THREE-POINT MOUNTED

KUBOTA WR1100



DuoWrap twin film pre-stretcher.

New Feature – DuoWrap for Turntable wrappers (WR1100, WR1400, WR1600)

New DuoWrap option sees the integration of twin film dispenser units. DuoWrap gives up to 50% faster wrapping compared to single film models, whilst also reducing the risk of film breaking during wrapping. Utilising a 66% overlap of the two films as they are applied to the bale, DuoWrap ensures even coverage without excessive wrinkling of the film.

A simple ratio change lever for the table roller speed is also incorporated as standard. This allows wrapping with a single film where required – for example to finish a field off using one roll of film, while maintaining the correct film overlap.

TURNTABLE WRAPPER



Bale and wrap counter is standard.



Low table height for fast and gentle unloading.



Easy change of film roll.

Wrapping at Storage Site

Kubota WR1100 series linkage mounted wrappers are ideal for 'wrap and stack' operations. When the bale is being transported to the storage site for wrapping, the WR1100 is the ideal solution. It can be mounted on the rear or front of the tractor or with addition of the optional front support stand can also be used as a stand-alone machine with an external power pack.

Easy Operation

The Kubota WR1100 has full computer control, including a mini joystick for manual control when necessary. Once the wrapping process is activated the cycle runs automatically with auto-stop at the end of the cycle. You only need to press a button again to unload the wrapped bale.

Multiple bale counters are included in the standard specification and a film break sensor is available as an option.

Easy Change Film Rolls

Change of film roll is quick and easy with Kubota 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 Kubota bale wrappers.

Optional remote control for easy handling

A radio frequency remote control is available as an option allowing operation to be controlled from the loading tractor. One operator can easily manage the entire process of loading, wrapping and stacking.

- 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° ready to receive the next bale.



Hydraulic Film Cutter (WR1100, WR1400, WR1600)

All Kubota turntable wrappers feature a hydraulically operated film cut and hold device. Fully automatic operation assures reliable operation over many thousands of bales.



TRAILED TURNTABLE

KUBOTA WR1400



Effective, Easy to Operate Wrapper

The Kubota WR1400 is a trailed wrapper designed for smaller tractors. The machine is very easy to operate; even the mechanical version offers fully auto-matic cut and tie of film. The hydraulically operated loading arm is positioned on the right hand side and can handle bales from 1.20m up to 1.50m 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 1200kg to be loaded without any counter weights on the machine.

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.

WRAPPER



To achieve a narrower transport width, the right hand wheel is turned to the inside of the support arm.



The loading arm is powered fully down to lift the wheel off the ground for easy movement from work to transport.



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



The Kubota WR1400 can be fitted with a bale on end kit. The bale is tipped off gently without damaging the bale.



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

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.



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

HEAVY DUTY TRAILED

KUBOTA WR1600



New feature – DuoWrap

When specified with optional DuoWrap, twin film dispensers, the WR1600 provides up to 50% faster wrapping compared to single film models, whilst also reducing the risk of film breaking during wrapping. Utilising a 66% overlap of the two films as they are applied to the bale, DuoWrap ensures even coverage without excessive wrinkling of the film.

A simple ratio change lever for the table roller speed is also incorporated as standard. This allows wrapping with a single film where required – for example to finish a field off using one roll of film, while maintaining the correct film overlap.



DuoWrap twin film pre-stretcher.

TURNABLE WRAPPER

LOW PROFILE DESIGN

The Kubota WR1600 is designed with a low table height and wheels located at the very rear of the machine. The position of rear wheels ensures a low table height providing low loading and unloading height. The low slung chassis combined with a short lifting height, provides fast transfer of the bale from arm to turntable.

- 1 The low mounted table design allows high rotation speed.
- 2 The short lifting height provides fast transfer of bale from arm to turntable.
- 3 It ensures fast and gentle on-the-move unloading with no need for a fall damper.

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

The Professional Choice

The trailed Kubota WR1600 is ideal for users that wrap large number of bales, but still prefer the turntable wrapping system. It is designed for high output operation even in rough or hilly conditions. The Kubota WR1600 offers a rugged design and is capable of handling bales up to 1400kg.

On the Move Wrapping

The Kubota WR1600 is available with Semi-automatic joystick control or fully automatic computer controls. The strong design allows a second bale to be carried on the loading arm, whilst the first is being wrapped. This significantly increases efficiency and capacity.



Strong and durable design.



Fast loading of bales with the strong loading arm.



Bale-on-end kit available as option.



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

SELF-LOADING SATEL

KUBOTA WR1250



Satellite Arm for High Output

The new Kubota WR1250 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 Kubota WR1250 is capable of handling bales from 1.20m-1.50m 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

Kubota WR1250, 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 WR1250 provides easy and gentle self-loading of the bales. The bale is gently lifted to the wrapping position by two guide rollers. Satellite mounted pre-stretcher ensures fast and accurate wrapping of the bale. The WR1250 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

WR1250 is available with fully programmable computer control with 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 roll is very simple and is easily achieved standing on the ground.

LITE BALE WRAPPER



Self-Loading of bales – The WR1250 has a self-loading mechanism to gently load and unload the bales.



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



Strong satellite drive.



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



... and joystick controlling the main functions.



Hydraulic Film Cutter.

Easy Change Film Rolls

Change of film roll is quick and easy with Kubota 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 Kubota bale wrappers.



Easy change of film roll.

Hydraulic Film Cutter (WR1250, WR1850)

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

TRAILED SATELLITE B

KUBOTA WR1850



Short Wrapping Time, High Output

The Kubota WR1850 is well suited for professional operators looking for an easy to use, high volume wrapping operation. The weight distribution and the tower design of the Kubota WR1850 series make it stronger and more stable, allowing wrap on the move. Pick up a bale and wrap it as you move to the next.

The Contractor's Choice

The Kubota WR1850 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 Kubota WR1850 C is fitted with a proportional satellite control valve, allowing 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. A stop-by-end of film / film tear sensor is available as an option. After replacing the film spool, the wrapping cycle can be completed. The operator can also select, from the control box, the activation of one or both pre-stretchers.

ALE WRAPPER

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, to avoid 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 Kubota WR1850 is constructed for high capacity wrapping of even the heaviest bales right up to 1500kg, 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.



Wrapping table with belts and rollers.



The bale is rolled onto the wrapping table for gentle handling.



Strong satellite driveline.



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



Kubota WR1850 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 during transport.

CONTROL FUNCTIONS



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.



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 controls the entire process of loading, wrapping and stacking.



Mechanical Cable Control (M)

The manual versions (M) are controlled with manual cable control with levers. A wrap and bale counter is fitted for precise control of film layers, as well as number of bales wrapped. An automatic table stop 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.



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.

Joystick Control (J) (Satellite wrappers)

Kubota WR1250 is available with fully programmable computer control including a joystick for the main functions.



SPECIFICATIONS

Kubota Models	WR 1100	WR1400	WR1600	WR 1250	WR1850
Weight and dimensions					
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
Bale					
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
Table					
Mounted wrapper	•	-	-	•	-
Trailed wrapper	-	•	•	-	•
Turntable wrapper	•	•	•	-	-
Satellite wrapper	-	-	-	•	•
Support rollers / belts (nb)	2/4	2/4	2/4	2/-	2/4
Film cutter	•	•	•	•	•
Pre-stretcher					
1 pre-stretcher 750mm	•	•	•	•	•
DuoWrap film pre-stretchers 750mm	0	0	0	-	• C
Max. wrapping speed (rpm)	30	30	30	35	35
Operations					
Manual cable control (M)	-	•	-	-	-
Electro hydraulic joystick (J)	-	•	•	•	-
Programmable computer (C)	•	-	•	•	•
Remote control (C)	0	-	0	-	-
Oil consumption (l/min)	28	28	28	26	40
Wheels and axles					
10.0/80-12	-	•	-	-	-
10.0/75-15	-	-	-	-	•
11.5/80-15	-	-	-	-	•
15.0/55-17	-	-	•	-	0
Option					
Film roll magazine	-	•	•	-	•
Adapter Kit for 500mm Film spool	0	0	0	0	-
Bale and wrap counter	•	•	•	•	•
Auto-Stop at end wrapping cycle	•	•	•	•	•
Film end/tear sensor (C)	0	-	0	-	0
Bale on end turner	0	0	0	0	0
Road lights	-	0	0	-	•
• = Standard 0 = Optional - = Not Available					

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment. Please consult your local Kubota dealer for warranty, safety or product information. For your safety, Kubota strongly recommend the use of a seat belt in all applications.

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