



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



## **Hydraulic Film Cutter (WR1100, WR1400, WR1600)**

On the Kubota turntable wrappers 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 (WR1250, WR1850)**

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 firmly hold the film, ready for the next bale.

## **The Pre-Stretcher**

Kubota 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.

# ILAGE QUALITY



*Hydraulic film cutter (WR1100, WR1400, WR1600).*



*Hydraulic film cutter (WR1250, WR1850).*



*The pre-stretcher.*

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 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.

# THREE-POINT MOUNTED

## KUBOTA WR1100

### Overview, Kubota WR1100

- Three-point mounted turntable wrapper
- Hydraulic film cutter
- Able to handle round bales up to 1200kg

### Control Functions

- Kubota WR1100 C computer controlled version with a control box and remote control in option offers fully automatic operation.



Place the round bale...



.. and pick up the already finished bale while the next one is being wrapped.



Drop the wrapped bale - all controlled via the optional remote control.

# TURNTABLE WRAPPER

## *OPTIONAL REMOTE CONTROL FOR EASY HANDLING*

The entire wrapping process of the Kubota WR1100 can be controlled remotely from the loading tractor. One operator does the entire process of loading, wrapping and stacking.

- 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.



### **Wrapping at Storage Site**

Kubota WR1100 series is three-point mounted wrappers with a simple but very reliable way of wrapping silage bales. Kubota WR1100 is ideal for 'wrap and stack' operations. When the bale is being transported to the storage site for wrap-ping, 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. An optional automatic stop by end of film/film tear ensures that the process is stopped in order to

avoid wrongly wrapped bales. Kubota WR1100 is controlled by a computer with an integrated bale counter. Remote control is available as option, making it the ideal solution for static use.

# TRAILED TURNTABLE

## KUBOTA WR1400

### Overview, Kubota WR1400

- Trailed turntable wrapper
  - Self-loading mechanism
  - Hydraulic film cutter
  - Able to handle round bales up to 1200kg
- Control Functions**
- Kubota WR1400 M is cable controlled and fitted as standard with a bale and wrap counter with AutoStop function.
  - Kubota WR1400 J is a joystick controlled version, with semi-automatic operation.



### 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



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

## **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.



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



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

# HEAVY DUTY TRAILED

## KUBOTA WR1600

### Overview, Kubota WR1600

- Trailed turntable wrapper
- Self-loading mechanism
- Hydraulic film cutter
- Able to handle round bales up to 1400kg
- Able to carry two round bales of up to 1000kg

### Control Functions

- Kubota WR1600 J is joystick controlled version, with semi-automatic operation.
- Kubota WR1600 C, the computer controlled version with control box and joystick, offers fully automatic operation.

### 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

Designed with larger farms and

contractors in mind, Kubota WR1600 is available with Semi-automatic joystick control or fully automatic computer controlled versions are available. The strong design of Kubota WR1600 allows a second bale of up to 1000kg 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.



# 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.



*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.*



*Kubota WR1600  
- the professional choice.*

# SELF-LOADING SATEL

## KUBOTA WR1250



### Overview, Kubota WR1250

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

### Control Functions

- Kubota WR1250 has a fully programmable computer and a handy electronic joystick.

### 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 bale is thrown off the table. Kubota WR1250 is capable of handling bales from 1.20m up to 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.

### Easy to Operate

Kubota WR1250 is available with fully programmable computer control with a 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.



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

# LITE BALE WRAPPER



## 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 Kubota WR1250 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.

Kubota 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.



... and joystick controlling the main functions.



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



Strong satellite drive.

# TRAILED SATELLITE B

## KUBOTA WR1850

### Overview, Kubota WR1850

- Trailed satellite bale wrapper
- Self-loading mechanism
- Hydraulic film cutter
- Able to handle round bales up to 1500kg

### Control Functions

- Kubota WR1850 J semi automatic model has a handy electronic joystick.
- Kubota WR1850 C computer controlled version with a control box and mini-joystick offers fully automatic operation.



### 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.

# BALE 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 stressfree 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 is available as an option on C versions. 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.



## 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.



## 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 free of hands 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 and WR1850 are available with fully programmable computer control including a joystick for the main functions.



# SPECIFICATIONS

Kubota Models	WR 1100	WR1400	WR1600	WR 1250	WR1850
<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
Automatic film cutter	•	•	•	•	•
<b>Pre-stretcher</b>					
1 pre-stretcher 750mm	•	•	•	•	• J
2 pre-stretchers 750mm	-	-	-	-	• 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)	o	-	-	-	-
Oil flow requirement (l/min)	28	28	28	26	40
<b>Wheels and axles</b>					
10.0/80-12	-	•	-	-	-
11.5/80-15	-	-	-	-	•
15.0/55-17	-	-	•	-	o
<b>Option</b>					
Film roll magazine	-	•	•	-	•
Adapter Kit for 500mm Film spool	o	o	o	o	-
Bale and wrap counter	•	•	•	•	•
Auto-Stop at end wrapping cycle	•	•	•	•	•
Film end/tear sensor (C)	o	-	o	-	o
Bale on end turner	o	o	o	o	o
Road lights	-	o	o	-	•
• = Standard o = Optional - = Not Available					



Kubota WR1100.



Kubota WR1400.



Kubota WR1600.



Kubota WR1250.



Kubota WR1850.

*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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The Kubota logo is rendered in a teal, stylized font. The letters are bold and rounded, with a unique design where the 'u' and 'o' are connected. A registered trademark symbol (®) is located at the bottom right of the logo.