

Round and square bale wrappers



**RW-SW  
SERIES**

[www.kuhn.com](http://www.kuhn.com)



be strong, be **KUHN**

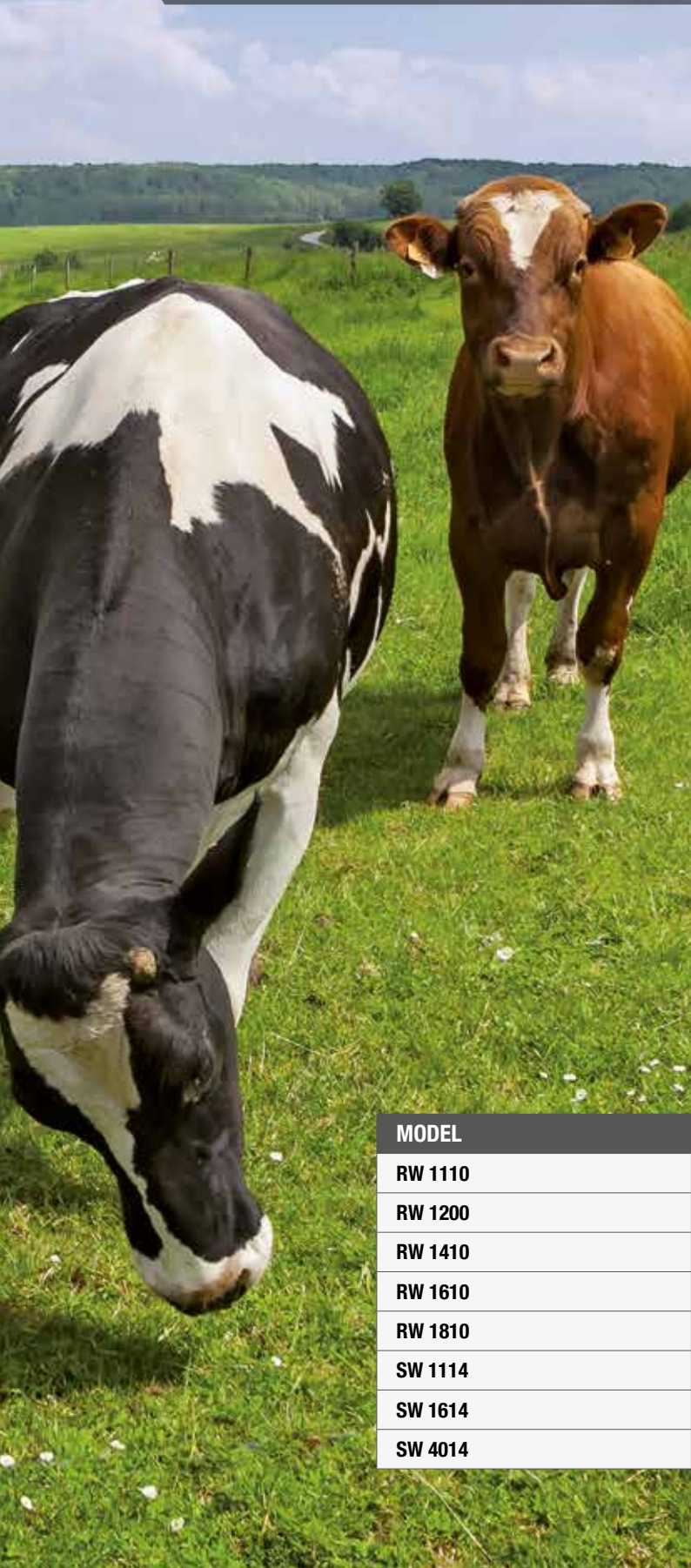






RW-SW

# BALES WRAPPED TO PERFECTION

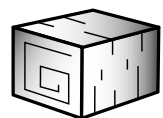


Every step in the wrapping process has to be coordinated, taking in account crop conditions, field conditions and weather forecasts as well as crop handling and storage.

Perfectly wrapped bales combined with a high output and outstanding durability guarantee KUHN wrappers to be a profitable investment.

## WRAPPER SPECIALIST

KUHN brings cost efficient, ecologic and ergonomic bale wrapping solutions with a complete range of round and square bale wrappers. Our dedicated team, many with a farming background, are masters in their fields. Our many years of practical experience has given us valuable know-how and expertise in producing wrapping equipment.



MODEL	Round bales	Square bales
RW 1110	x	
RW 1200	x	
RW 1410	x	
RW 1610	x	
RW 1810	x	
SW 1114	x	x
SW 1614	x	x
SW 4014	x	x

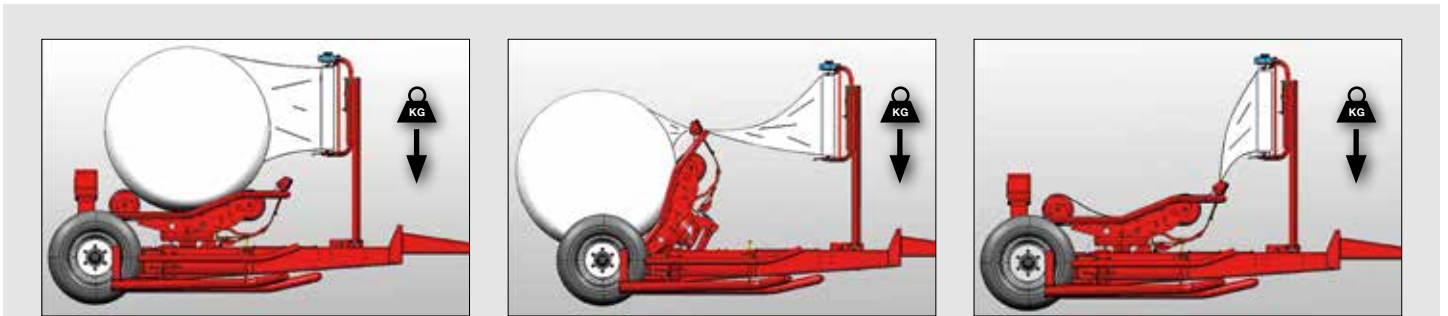
## WRAPPING

# FAST AND RELIABLE WRAPPING

**KUHN bale wrappers' unique features make them stand out from the crowd. The pre-stretchers, film cutters, wrapping table and low-profile chassis design make KUHN bale wrappers simple, easy-to-use, fast and efficient.**

### ROUND TURNTABLE

The KUHN round bale turntable wrappers are equipped with two rollers and four wide-spaced belts. This design provides a deep and stable cradle for the bale on the wrapping turntable. The two large bale support rollers provide more stability and guidance. The four wide-spaced belts provide maximum traction and even rotation for the bale. Even bale rotation is vital to ensure the optimal film overlap for conservation and crop quality during storage.

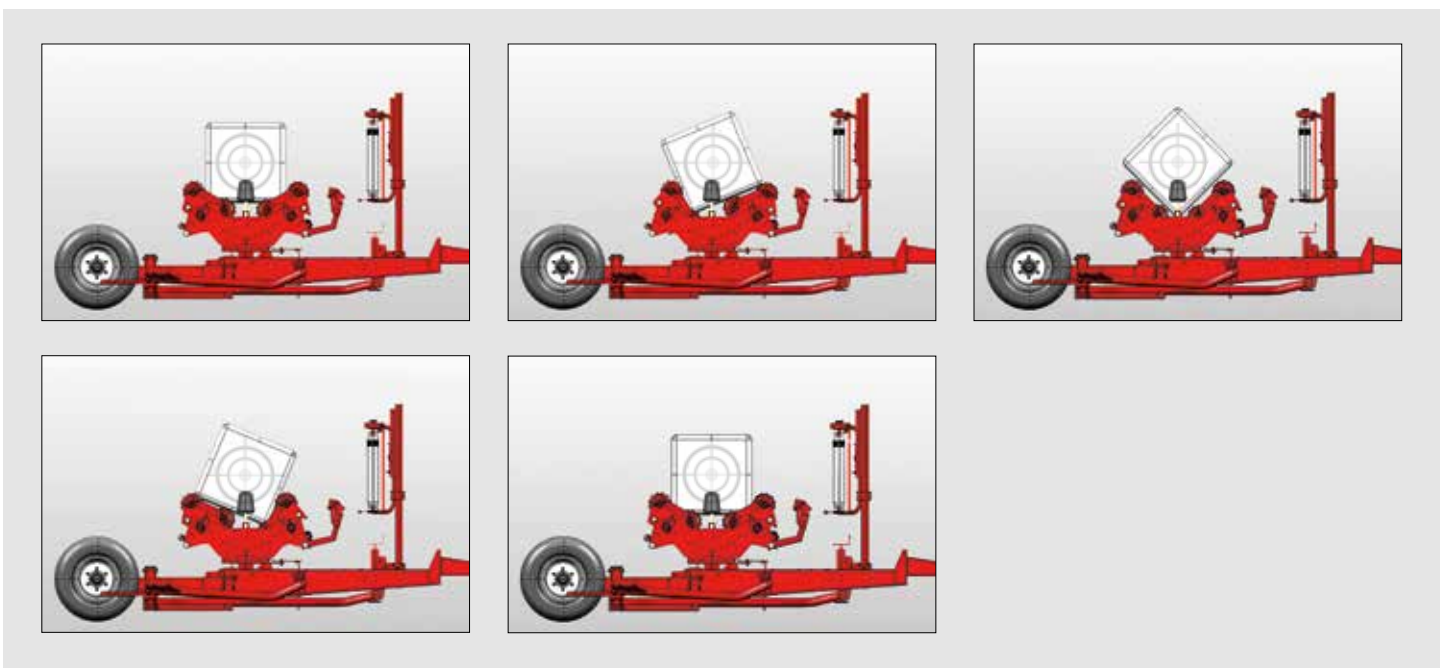


### LOW-PROFILE CHASSIS DESIGN

The KUHN trailed turntable wrappers feature a unique low-profile design ideal for stability when loading, wrapping or unloading a bale. The rear axle position results in a low table height eliminating the need for an (active) fall damper. There is constant weight transfer to the tractor, that prevents up-and-down movements of the drawbar and prevents tractor wheel slippage when driving uphill with a bale on the table or loading arm. The bale can be dropped on the go for maximum output!

### SQUARE TURNTABLE

The KUHN square bale turntable wrappers are equipped with two pairs of steel rollers with a ribbed profile. This design creates a deep and stable cradle for the bale, ensuring maximum bale traction, even bale rotation and proper film overlap, whatever the bale size. Two large bale support rollers provide additional stability and guidance. Round bales can also be wrapped with these wrappers.







## FILM CUTTERS

Once the desired number of film layers have been applied, the film is then held firmly and cut. On the turntable wrapper models, a spring-loaded or hydraulic high grip film cutter holds and cuts the film automatically without the need for extra controls. On KUH N satellite wrappers, the well-known “scissor-type” cutters hold and cut the film. Due to its design, the film is caught across the full width. The film is held with a clamp, stretched into one solid string, and then cut before the bale is unloaded. The clamp firmly holds the film ready for the next bale.



## PRE-STRETCHERS

The standard pre-stretchers which hold a 750 mm roll, are made of aluminum to avoid build-up of tack from the film. Both outer ends of the aluminium rollers are cone-shaped to maintain the optimum width of the film and reduce the risk of film tear. The special ribbed profile of the aluminum rollers keeps air and water away from the film. The location of the pre-stretchers makes it very easy to change the film rolls. The standard pre-stretch of 70% is reached by a low-maintenance and low noise gear transmission.

## DRAWBAR AND SWIVEL HEADSTOCK (AVAILABLE FOR RW 1410 - 1610 - 1810 & SW 1614)

The long drawbar and optional cat. 2/3 swivel headstock aid manoeuvrability. The wrapper is being attached further behind the tractor, giving it more turning radius in the field and comfort during transport. In addition, the drawbar also provides extra storage capacity for the film rolls\* and has a hose guidance for a secured and neatly routed hoses. The optional cat. 2/3 swivel headstock enables easy coupling with several tractors without having to change the hitches.

\* Except RW 1810.



## CONTROL SYSTEMS

Different control systems are available dependent on model, and driver preferences:

	RW 1110	RW 1200	RW 1410	RW 1610	RW 1810	SW 1114	SW 1614	SW 4014
Cable controlled valve bank (M)	◆	◆	◆	◆		◆	◆	
Computer controlled (C)	◆	◆	◆	◆	◆	◆	◆	
RF remote control kit	◆ (1110 C only)		◇ (1410 C only)	◇ (1610 C only)	◇	◆ (1114 C only)	◇ (1614 C only)	
CCI 800 - ISOBUS COMPATIBLE								◆
CCI 1200 - ISOBUS COMPATIBLE								◆

◆ = as standard ◇ = optional





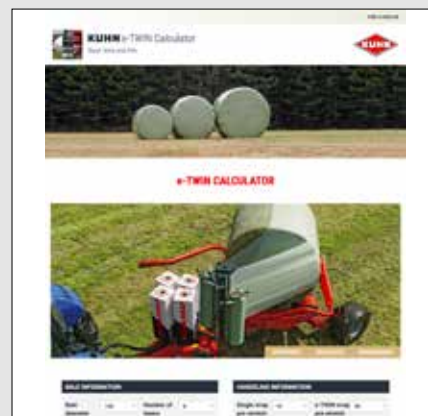
# e-TWIN TECHNOLOGY

The innovative KUHN e-TWIN technology enables wrapping via a unique combined pre-stretcher design with unique film distribution to save 50% on wrapping time and further film savings. The conical pre-stretch rollers have been positioned in such a way that the two 750 mm film wraps with 2/3 overlap are glued together providing a double layer before they leave the pre-stretcher unit. Optional on selected wrappers is the auto film layer correct kit. The correct kit detects an empty or torn film roll and adjusts the required amount of table rotations to cover the bale with the required amount of layers.

## UNIQUE ADVANTAGES OF e-TWIN:

- Save 50% wrapping time.
- Further film saving achieved by increased pre-stretch ratio.
- Tighter wrapped bales increases the airtightness and so quality of feed.
- Extreme tear resistance under all circumstances.
- Available in a manual and computer controlled version.

**KUHN e-TWIN, THE NEXT STEP IN TOP QUALITY COST EFFICIENT, ECOLOGIC AND ERGONOMIC BALE WRAPPING.**



e-TWIN calculator

## CURIOS HOW KUHN e-TWIN TECHNOLOGY MAKES YOUR WRAPPING BUSINESS MORE PRODUCTIVE AND COST EFFICIENT?

Check out our e-TWIN calculator via [www.kuhn.com/etwin](http://www.kuhn.com/etwin) to calculate your yearly savings by investing in KUHN e-TWIN technology.



**RW**

1110

1200

1410

1610

1810

# ROUND BALE WRAPPERS



TYPE	Round bales W x D (cm)
RW 1110	120 x 100 – 150
RW 1200	120 x 100 – 150
RW 1410	120 x 100 – 150
RW 1610	120 x 100 – 150
RW 1810	120 x 100 – 160

RW 1110

# 3-POINT MOUNTED, ROUND BALE WRAPPER



**The RW 1110 is ideal for 'wrap and stack' operations in the field or in the yard. Wrapping at the storage site means less risk of film damage. A well-suited combination for a one-man wrapping operation.**

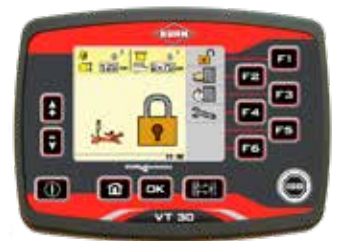
The RW 1110 is capable of wrapping heavy bales up to 1200 kg due to its strong large main frame, standard for all static wrappers. The low mounted 4 belt turntable ensures a gentle bale discharge so there is no need for an active fall damper. The low mounted height also allows easy replacement of the film rolls. For a firm cut and hold of the film, even in wet conditions, the wrapper is provided with a spring-loaded high grip film cutter.

Optional on the RW 1110 are extra wide support legs for increased stability during free standing operation. Furthermore an optional 4 roll film magazine and bale turner are available.



## e-TWIN TECHNOLOGY

The RW 1110 can be equipped with the innovative, unique e-TWIN pre-stretcher. With e-TWIN technology, the wrapping time is reduced with 50% compared to a single pre-stretch wrapper and therefore no downtime in the wrap and stack process.



## TWO MODELS AVAILABLE: MANUAL CONTROL (M VERSION) OR COMPUTER CONTROL WITH STANDARD RF REMOTE CONTROL (C VERSION)

The RW 1110 M version is controlled with 2 cable levers and comes standard with the KBC 30 bale-and-wrap counter and autostop. The bale-and-wrap counter counts the film layers and total number of wrapped bales. The autostop function will automatically stop the wrapping table after the total number of film layers have been applied. This transforms a manually controlled wrapper into a semi-automatically controlled wrapper.

The RW 1110 C version is equipped with a computer system. This easy-to-use automatically controlled computer system, features a user friendly interface in line with the VT 30 controlled balers. The wrapper can be operated from a loader with the standard RF remote control with 'high-distance safety', while using a power pack or second tractor for the oil and power supply.



RW 1200

# 3-POINT MOUNTED, SELF-LOADING ROUND BALE WRAPPER



**The RW 1200 self-loading round bale wrapper is capable of loading, transporting and wrapping the bale on the go.**

The 3-point mounted design positions the weight close to the tractor, offering maximum stability and ideal weight distribution during wrapping and transport.

The RW 1200 features a hydraulic 'scissors-type' film cutter that cuts and holds the film firmly in its position, ready for the next bale to come. Changing the film roll is easily done while standing safely on the ground.

## ADDITIONAL FEATURES

The RW 1200 can be equipped with an optional satellite counterweight, a ground support roller for smaller tractors, an extra bale support roller (recommended in hilly circumstances) and a bale turner to discharge a bale onto its flat side.



## TWO MODELS AVAILABLE: MANUAL CONTROL (M) AND COMPUTER CONTROL (C)

Only two levers control the manual version (M) of the RW 1200, which is equipped as standard with a KBC 30 bale-and-wrap counter and auto satellite stop. This transforms a manually controlled wrapper into a semi-automatically controlled wrapper. The fully automatic computer controlled model (C) is standard equipped with a slow start wrapping speed function to prevent film breakage during startup.







# TRAILED, SELF-LOADING ROUND BALE WRAPPER

The mid-range RW 1410 is the most versatile self-loading round bale wrapper. The manual version (M) is controlled with 3 cable levers including KBC 30 bale-and-wrap counter and autostop function. The computer controlled version (C) uses a terminal that provides all the information and possibilities for automatic operation of the entire wrapping process. As standard there is automatic stop at the end of film or film tear.

The RW 1410 will lift bales up to 150 cm in diameter and 1000 kg, due to its unique low-profile chassis design with wide track wheels. The design of the RW 1410 has a wrapping table with 4 belts, stronger frame and high-grip film cutter for optimal results.

Options available for the RW 1410 model are a bale turner, allowing the bale to be discharged onto its flat side, RF remote control, and a film roll holder for 4 rolls. The RW 1410 can be equipped with the innovative, unique e-TWIN pre-stretcher.



The RW 1410 and RW 1610 can both be equipped with the innovative, unique e-TWIN pre-stretcher



The right hand wheel can be folded inwards for road transport. Left hand side optional



Bale turner



Four evenly wide-spaced endless belts



Limited transport width due to adjustable wheel positions





# TRAILED SELF-LOADING ROUND BALE WRAPPER

The professional RW 1610 round bale wrapper is ideal for those wrapping operations where high capacity and high efficiency are required. Due to its low strong design with low table height and standard large wheels located at the rear, there is no need for an active fall damper. This saves extra process steps and the bale can be unloaded on the go. Constant weight transfer towards the tractor avoids slippage in hilly circumstances. The RW 1610 is equipped as standard with a high-grip film cutter and film roll holder for 2 rolls. The wrapper can be operated via the 3 levers cable control (M version) with standard KBC 30 bale-and-wrap counter and autostop or computer control box (C version).

The RW 1610 is capable of loading the heaviest bales (up to 1200 kg) thanks to a rugged designed main frame, 4-belt wrapping table and hydraulically adjustable loading arm. The hydraulically adjustable loading arm provides numerous advantages. You can simply adjust the width of the loading arm directly from the tractor cab in a matter of seconds. No need for you to use extra tools or having to get out of your tractor seat. This is very convenient when wrapping different diameter bales in different fields. But also when you need to change the opening width in case of saggy or poorly shaped bales or driving into bales, if not perfectly aligned.

## AUTOLOAD

The enhanced RW 1610 computer-controlled version (C) can load and carry a second bale in the loading arm during wrapping. Thanks to the integrated patented\* AUTOLOAD function, the wrapper has an increased loading and wrapping capacity. It enables the operator to fully concentrate on the driving process, while the wrapping process is automatically started once the bale has been detected on the loading arm. Even picking up a second bale with the loading arm for transport, during the wrapping process, is fully automated.

## PROCESS VIEW

Thanks to the PROCESS VIEW user interface on the VT 30 terminal you are always informed about the current status of your work processes. The user interface allows you to choose which process is executed automatically or manually, and all processes can be paused at any time.

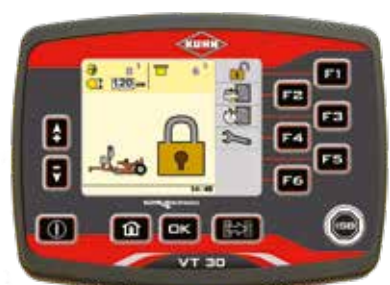
\* Patent or patent pending in one or more countries.



AUTOLOAD



KBC 30 bale-and-wrap counter



VT 30 control box





# TRAILED SELF-LOADING HIGH SPEED SATELLITE WRAPPER

**Does wrapping 100 bales per hour with 6 layers of film seem impossible? Not with the KUHN RW 1810 bale wrapper. With a 30% faster cycle time you can keep up with the fastest balers around.**

The RW 1810 high capacity inline bale wrapper is equipped with the latest technologies. The unique loading system, with its long loading arm integrated in the wrapping table, allows the bale to gently roll onto the wrapping table without extra process steps. The turntable then tilts to its level position in order to start the wrapping process rapidly. The low-chassis design ensures gentle unloading of the bale and extra stability during wrapping in hilly circumstances. This design of the wrapper is suited to operate either behind a tractor or directly behind a baler. The RW 1810 loads and unloads in line with the balers driving direction.

An extended range of features and options makes the RW 1810 one of the most advanced and flexible satellite bale wrappers on the market. It's unique design makes the wrapper suitable for loading 1400 kg bales with 100-160 cm in diameter. There is no need for a powerful tractor, additional counter-weights, or a (active) fall damper. The twin support tower guarantees accurate tracking and stability of the satellites around the bale in various field conditions.



*AUTOLOAD laser*



*Quick and gentle loading of the bale guaranteed with the long loading arm*



*A large side cover protecting the hydraulic unit provides easy accessibility for maintenance of the machine*



*Highly visible lights and reflectors for optimal safety and security*



*The long drawbar ensures high manoeuvrability (even with larger tractors)*



*Large mudguards will prevent the film being damaged during transport*

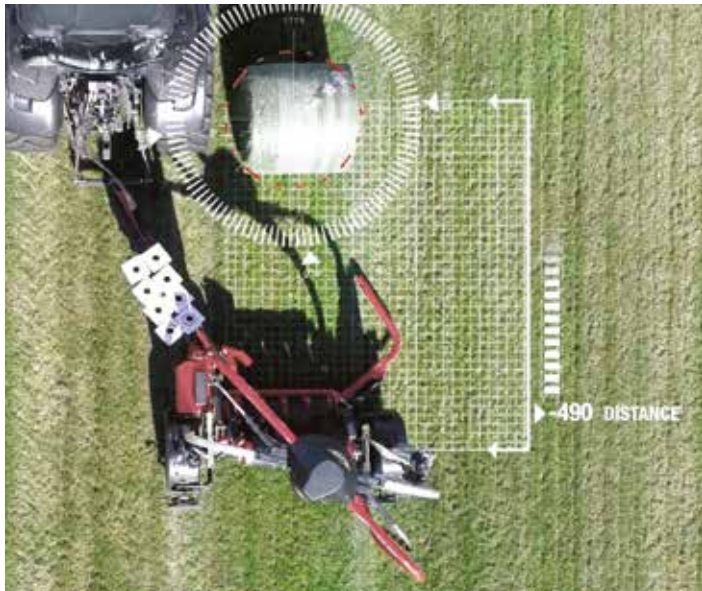


## EXCEPTIONAL DRIVER COMFORT

100% fully automatic loading, wrapping and unloading without having to press a button! The RW 1810 AUTOLOAD function uses a laser to detect the approaching round bale, automatically scans the diameter of the bale and sets the loading arms into pre-load position. This provides high accurate loading, wrapping and unloading of the bale on the go.

With AUTOLOAD you can concentrate fully on driving, for a more ergonomic and stress-free working environment during a long working day. It increases the overall capacity and efficiency of your wrapping operation.

Easy switching from transport to field mode with AUTOSWITCH. The machine folds and unfolds at the touch of a button. Comfortable and quick transformation, ideal when having to work across several fields.



AUTOLOAD

## ON TOP OF THAT...

Key to the innovative 3D wrapping process is its ability to distribute the total film quantity more uniformly and efficiently across the entire surface of the bale.

By wrapping the cylindrical surface of the bale first, more air is excluded and the bale shape maintained, even after long storage periods. The vulnerable corners of the bale are more protected compared to conventionally wrapped bales. The film is wrapped very tightly around the bale giving less chance of film damage during transport and storage.

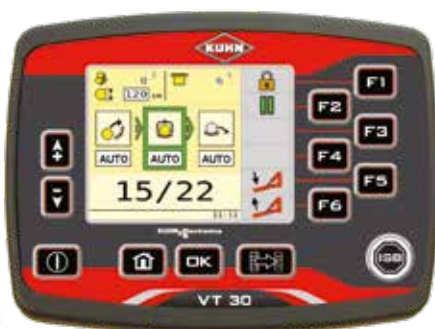
The full option RW 1810 comes as standard with an autostop function by end of film or film tear and ½ speed by end of film or film break.



3D WRAPPING

## YOU ARE IN CONTROL

The KUHN RW 1810 is controlled by the VT 30 control box and gives full command of your wrapping process. The VT 30, with 3,5" colour touch screen, has a highly user friendly interface with intuitive software. Application of electronics with PROCESS VIEW software provides you with updated information about the stage of wrapping on the terminal.



VT 30 control box with optional RF remote control



RF remote control



## FULL WRAPPING FLEXIBILITY

INTELLIWRAP allows greater management of your wrapping process. Continuously control the film overlap and required amount of wrapping layers (4, 5, 6, 7, 8, 9...) to match your local circumstances, crop conditions, and storage periods.

An excellent distribution of the film around the bale and precise overlap of the film provides maximum efficiency and increased silage quality.



**SW**

1114

1614

4014

# SQUARE AND ROUND BALE WRAPPERS



TYPE	Round bales W x D (cm)	Square bales W x H x L (cm)
<b>SW 1114</b>	120 – 150 x 100 – 150	80 x 70 – 90 x 180
<b>SW 1614</b>	120 – 150 x 100 – 150	80 x 70 – 90 x 180
<b>SW 4014</b>	120 – 150 x 90 - 140	80 x 50 – 100 x 200 / 120 x 60 – 130 x 200



# 3-POINT MOUNTED MEDIUM SQUARE AND ROUND BALE WRAPPER



**The SW 1114 is a 3-point linkage mounted, quick-hitch compatible model ideal for 'wrap and stack' operations in the field or in the yard. The wrapper can wrap medium sized square bales and round bales of up to 1200 kg.**

The turntable design creates a deep and stable cradle for the bale, ensuring maximum bale traction, even bale rotation and proper film overlap. The low mounted table ensures a gentle bale ejection.

In addition, the SW 1114 can be equipped with extra wide support legs for increased stability during free-standing operation. One of the other options is a film roll magazine for 4 rolls of stretch film.

A hydraulic high-grip film cutter allows you to adjust the cutting moment independent of the table tipping position, resulting in the shortest possible end-string. It has a long stroke to help accommodate various bale lengths and ensures a firm hold and a clean cut of the film in various weather conditions.





# 3-POINT MOUNTED MEDIUM SQUARE AND ROUND BALE WRAPPER

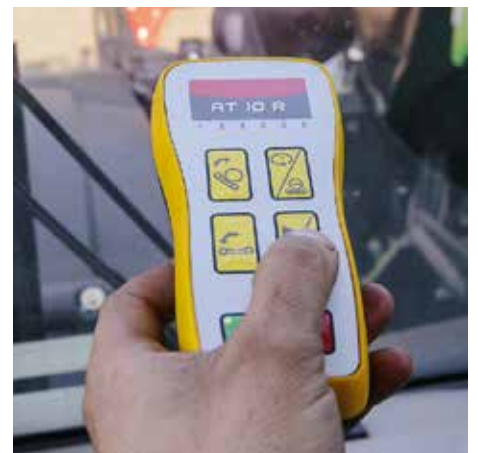
The SW 1114 manual version (M) is controlled with 2 cable levers, and comes standard with the KBC 30 bale-and-wrap counter and autostop. This transforms a manually controlled wrapper into a semi-automatically controlled wrapper.

The SW 1114 computer-controlled version (C) with standard RF remote control can be operated from a loader while using a power pack or second tractor for the oil and power supply. This creates a one-man operation for loading, wrapping and stacking. Wrapping at the storage place means a minimum risk of film damage. The C version as standard is fitted with automatic stop at the end of film or film break, VT 30, play/pause function and 90° loading position.



*With standard RF remote control with 'high-distance safety', the wrapper can be operated from the loader while using a power pack (hydro unit) or second tractor for the oil and power supply towards the wrapper*

*The low table height allows the bale to be gently tipped off to prevent film damage*





# TRAILED SELF-LOADING ROUND AND MEDIUM SQUARE BALE WRAPPER

The SW 1614 is a hybrid bale wrapper that can wrap medium square bales 80 cm x 70-90 cm up to 180 cm in length, and round bales up to 150 cm in diameter. The two pairs of adjustable steel rollers provide a deep cradle for the bale and even rotation to ensure proper film overlap. The hydraulic high grip film cutter has a long stroke to help accommodate various bale lengths. It also ensures a firm hold and a clean cut of the film in various weather conditions. The automatic parallel loading arm, with standard round bale kit, ensures gentle, on-the-move bale loading in all weather conditions. Due to its unique low-profile chassis design with wide track wheels a second bale can be carried during wrapping to increase overall efficiency.



The SW 1614 can be equipped with two different control systems. The manual version (M) is controlled with three cable levers and equipped as standard with KBC 30 bale-and-wrap counter and autostop. This transforms a manually controlled wrapper into a semi-automatically controlled wrapper.



The SW 1614 Computer controlled version (C) with integrated patented\* AUTOLOAD function offers increased overall efficiency and loading and wrapping capacity. The automatically controlled computer system is standard equipped with automatic stop at the end of film or film break and play/pause function. The RF remote control with high distance safety control is optional. Available options are a film roll magazine for 4 rolls of stretch film, hydraulic wheel turning kit and an additional counter weight in order to lift up to 1.000 kg bales.

\* Patent or patent pending in one or more countries.



Integrated AUTOLOAD function SW 1614 C



The low table height allows the bale to be gently tipped off to prevent film damage



For road transport the wheels can be folded inwards to reduce the transport width. Hydraulic folding is optional





# TRUE WRAPPING INTELLIGENCE

**KUHN introduces a true innovation in bale wrapping with the SW 4014. This versatile self-loading square- and round bale wrapper features the unique patented\* AUTOLOAD function for non-stop fully automatic wrapping.**

## NON-STOP WRAPPING WITH AUTOLOAD

The innovative AUTOLOAD function provides non-stop fully automatic loading, wrapping and unloading of square- and round bales without interference from the driver. AUTOLOAD detects approaching bales, automatically scans the length of the bale and sets the loading arms into pre-load position, resulting in accurate loading, wrapping and unloading of the bale on the go. This leads to increased overall capacity and creates a more ergonomic and stressless working environment during a long working day.

- AUTOLOAD parameters:
- 1) Square bale length must be between 0,75 and 2 m.
  - 2) Driving speed must be constant and between 0,5 and max. 4 km/h during scanning and loading.



## OPTIMAL VERSATILITY

The SW 4014 is capable of wrapping large square, medium square and round bales of up to 1500 kg. Wrapping of round bales is possible without any optional equipment or mechanical adjustments. All predefined bale dimensions can easily be selected via the terminal.



## EXCEPTIONAL BALE HANDLING

The smart design of the SW 4014 guarantees easy (un)loading of the bales, front- and backwards, even when dropped in hard-to-reach locations. All bales are (un)loaded without the risk of damaging or soil contamination because of the 2 patented\* pairs of steel rollers.

\* Patent or patent pending in one or more countries





Alongside the innovative AUTOLOAD function, more additional features are provided which makes this versatile self-loading wrapper like no other bale wrapper in the market.

### OUTSTANDING STABILITY

Thanks to its solid design, with an incorporated hydraulic sliding frame, an extremely wide track is achieved for outstanding stability of the machine. This unique 'drive-through' design enables easy loading of the bale and excellent visibility of the wrapping process. The SW 4014 has an operational width of 4 m in the field and folds to a narrow 2.5 m for transport.

To prevent film damage during transport, the SW 4014 is fitted with large mud guards. 19.0/45x17 wide wheels are optional to minimise soil compaction and damage.



The wrapper folds from its 2,5 m transport position into 4 m wide field position

### HOW DOES IT WORK?

AUTOLOAD function is based on Category II Laser technology. First the laser sensor, situated inside the top cover at the front side of the machine, is scanning the area ahead of the bale wrapper. In addition, a wheel sensor is placed on the left wheel which measures the speed and distance towards the bale.



Watch the video

**1**

Laser sensor is measuring ground level

**2**

Laser sensor has detected the bale

**3**

Laser sensor has detected the edge of the bale. Bale length measurement is starting by counting pulses on wheel sensor. Loading arms move to pre-load position (based on pre-defined bale width)

**4**

Laser sensor has detected the end of the bale. The bale length is known

**5**

Depending on the driving speed, the loading arms are activated at the right time to load the bale in the center of the rollers

**6**

While wrapping, it is possible to drive already to the next bale

In the case that bales are dropped in ditches, or even in corners of the field, the SW 4014 AUTOLOAD still allows you to load bales manually, forwards and backwards.



# INTELLIWRAP

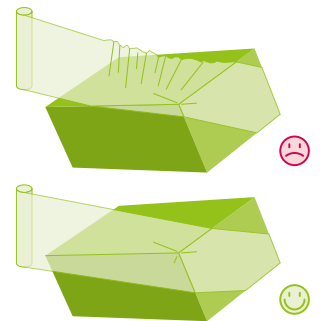


## EXCELLENT WRAPPING

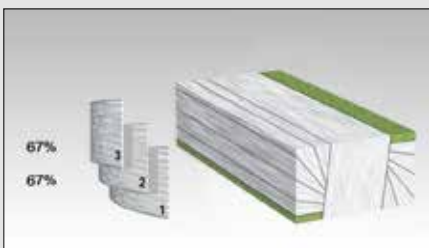
The positioning of the patented\* shorter top rollers allows the film roll holders to be positioned as low as possible. As a result, the film is wrapped closer to the centre of the bale with less wrinkling, ensuring an optimum oxygen barrier for excellent silage quality.

INTELLIWRAP allows greater management of your wrapping process. Continuously control the film overlap and required amount of wrapping layers (4, **5**, 6, 7, 8, **9**...) to match your local circumstances, crop conditions, and storage periods. An excellent distribution of the film around the bale and precise overlap of the film provides maximum efficiency and increased silage quality.

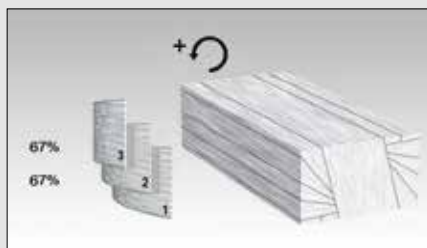
\* Patent or patent pending in one or more countries.



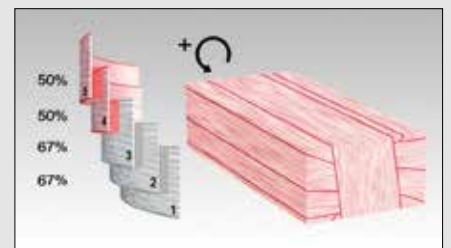
## 5 LAYER FILM SELECTION



The bale is covered with 3 layers at 67% overlap



The bale rotation speed is increased



Final 2 layers at 50% overlap

## FUEL SAVINGS

The SW 4014 can be operated with a broad range of tractors because of a limited oil flow requirement (40 liters/min. maximum of 60 liters/min.). As an option, the wrapper can be equipped with a PTO driven oil supply for optimal wrapping capacity. The tractor can run at lower engine rpm for significant fuel savings. Further fuel savings can be achieved by running on 540E / 750 rpm PTO speed. In addition, the PTO driven oil supply is a closed system and there is no risk of oil contamination from different tractors and less chance of dirt in the system.



## MAINTENANCE AND ACCESSIBILITY

The large side doors of the SW 4014 provide excellent accessibility for maintenance. Furthermore you can open the top cover and side doors without the need of tools. The SW 4014 can be equipped with an optional LED work light to have a better view on the wrapping process in the dark.





# ALWAYS IN CONTROL

The SW 4014 is ISOBUS compatible. ISOBUS compatible tractors will therefore not require a separate control box for the wrapper. Alternatively, the CCI 800 or CCI 1200 monitor can be used with tractors that are not ISOBUS compatible. Operator settings, such as selecting pre-defined bale dimensions and switching from transport into field mode, are accessed via the monitor. Information, such as wrapping process overview and number of bales, is also provided.



## CCI 800

The CCI 800 sets new standards in the operation of modern ISOBUS machines. The touchscreen in conjunction with the operating concept of CCI.OS is easy to operate. With its 8" widescreen display, the CCI 800 offers the optimal size to focus on one application. For additional user-friendliness, the CCI 800 can work in split screen mode to display two additional applications without overlapping the main application.



## CCI 1200

The CCI 1200 is our state of the art ISOBUS terminal. The 12.1" colour touchscreen has a programmable view. It offers wide compatibility with CCI Apps and can be your portal to precision farming. The CCI 1200 comes in a storage box so you can stow it away securely when not in use.

## WORKING CONVENIENCE

To provide optimal working convenience, the SW 4014 has a smart feature that enables you to choose (automatic) unloading of bales in a selected position. You can choose to unload the bale with the knots on top for easier loosening of the twine and also quicker access to your feed after unwrapping the bale. Or if required, you can unload on the short side for easy transport.



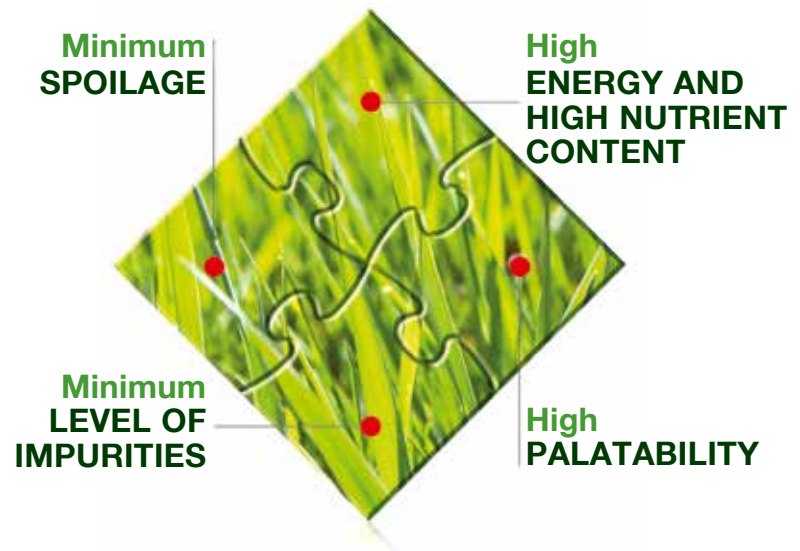
# SIMPLY GREAT FORAGE!



Did you know that you can save concentrates worth 89 €/ha a year, just by reducing the impurities in the forage from 4 to 2 %\*? We are here to help you produce top quality forage.

We would like to pass on several decades knowledge of forage production. We can provide advice for you to produce first-class animal feed and help you to understand the advantages of our machines in order for you to use them in an optimal way to preserve the quality of your forage.

With KUH N expertise, you will harvest forage with...



\*Source: Agricultural chamber Weser-Ems, Germany.

Find all our expertise on forage. [KUH N.com/en](http://KUH N.com/en)



## KUH N PARTS

DESIGNED AND MANUFACTURED TO TIME



KUH N foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUH N PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorized KUH N dealer.





SPECIFICATIONS								
	RW 1110	RW 1200*	RW 1410	RW 1610	RW 1810*	SW 1114	SW 1614	SW 4014
<b>Bale dimensions</b>								
Round bale size (width x diameter) (m)	1.20 x (1.00 - 1.50)	1.20 x (1.00 - 1.50)	1.20 x (1.00 - 1.50)	1.20 x (1.00 - 1.50)	1.20 x (1.00 - 1.60)	(1.20 - 1.50) x (1.00 - 1.50)	(1.20 - 1.50) x (1.00 - 1.50)	(1.20 - 1.50) x (0.90 - 1.40)
US round bale size	up to 4x5 round bales	up to 4x5 round bales	up to 4x5 round bales	up to 4x5 round bales	up to 4x5 round bales	up to 5x5 round bales	up to 5x5 round bales	up to 5x5 round bales
Square bale size (width x height x length) (m)	-	-	-	-	-	0.80 x (0.70 - 0.90) x 1.80	0.80 x (0.70 - 0.90) x 1.80	0.80 x (0.50 - 1.00) x 2.00 1.20 x (0.60 - 1.30) x 2.00
US square bale size (inch)	-	-	-	-	-	3x3 bale up to 5'11" long	3x3 bale up to 5'11" long	up to 4x4 bale up to 6'6" long
Max bale weight (kg / lbs)	1200 / 2650	1200 / 2650	1000 / 2200	1100 - 1200** / 2425 - 2650**	1400 / 3100	1200 / 2650	800 - 1000** / 1775 - 2200**	1500 / 3307
Oil consumption (l/min)(gal./min)	26 / 7 at 150 bar	26 / 7 at 150 bar	26 / 7 at 150 bar	26 / 7 at 150 bar	30 / 9 at 150 bar	26 / 7 at 150 bar	26 / 7 at 150 bar	40 to 60 / 11 to 16 at 180 bar
<b>Operation</b>								
Cable controlled valve bank (M) including KBC 30 bale-and-wrap counter & autostop when end of cycle	◆	◆	◆	◆	◆	◆	◆	-
Computer controlled (C)	◆	◆	◆	◆	◆	◆	◆	-
RF remote control kit (C)	◆	-	◇	◇	◇	◆	◇	-
VT 30	◆ (1110 C only)	-	◆ (1410 C only)	◆ (1610 C only)	◆	◆ (1114 C only)	◆ (1614 C only)	-
CCI 800 / CCI 1200 - ISOBUS compatible	-	-	-	-	-	-	-	◆
High-grip film cutter (automatic)	◆	◆	◆	◆	◆	◆	◆	◆
AUTOLOAD	-	-	-	◆ (1610 C only)	◆	-	◆ (1614 C only)	◆
<b>Pre-stretcher</b>								
One pre-stretcher 750 mm (30")	◆	◆	◆	◆	◆	◆	◆	-
Two pre-stretcher 750 mm (30")	◇ (e-TWIN)	-	◇ (e-TWIN)	◇ (e-TWIN)	◇ (double satellite)	-	-	◇ (double satellite)
Adapter for 500 mm (20") film	◇ (not for e-TWIN)	-	◇ (not for e-TWIN)	◇ (not for e-TWIN)	-	-	-	-
<b>Tyres</b>								
Tyre dimensions (standard)	-	-	10.0/80-12	380/55-17	300/80-15.3	-	380/55-17	380/55-17
Tyre dimensions (optional)	-	-	360/55-12	10.5/80-18	380/55-17	-	-	19.0/45-17
<b>Machine dimensions and weights</b>								
Total length (m / ft)	2.90 / 9' 5"	2.27 / 7' 6"	4.55 / 14' 9"	4.20 / 13' 9"	5.04 / 16' 5"	3.10 / 10' 2"	5.16 / 16' 9"	4.70 / 15' 5"
Transport width (m / ft)	1.86 / 6' 1"	1.32 / 4' 4"	2.45 / 8' 1" ***	2.50 / 8' 2"	2.79 / 9' 2"	1.76 / 5' 8"	2.49 / 8' 2" ***	2.50 / 8' 2"
Transport height (m / ft)	2.60 / 8' 5"	2.43 / 8'	2.51 / 8' 2"	2.53 / 8' 3"	3.08 / 10' 1"	2.03 / 6' 8"	2.59 / 8' 5"	2.85 / 9' 4"
Weight min - max (kg / lbs)	850 - 900 / 1874 - 1984	650 - 750 / 1433 - 1653	850 - 1100 / 1874 - 2425	1500 - 1750 / 3307 - 3858	1150 - 1300 / 2535 - 2866	1100 - 1250 / 2425 - 2756	1800 - 1900 / 3968 - 4189	2800 - 3400 / 6173 - 7496
<b>Optional equipment</b>								
Film roll holder/stock	◇ 4 rolls	-	◇ 4 rolls	◇ 2 rolls ◆ +4 rolls	◇ +2/4/6 rolls	◇ 4 rolls	◇ 4 rolls	◇ 2 rolls ◆ +4 rolls
Autostop by end of film/film tear (C model)	◆ / ◆ (e-TWIN)	-	◆ / ◇ (e-TWIN)	◆ / ◇ (e-TWIN)	◇	◆	◆	◇
Rubber drop mat	-	-	◇	◇	◇	-	◇	-
Bale turner	◇	◇	◇	◇	◇	-	-	-
Road lights	-	-	◇	◆	◆	-	◆	◆
½ speed by film end/film break (C)	◆ (Autocorrect)	-	◇ (Autocorrect)	◇ (Autocorrect)	◇	-	-	◆
Swivel headstock	-	-	◇	◇	◇	-	◇	◆
◆ = standard equipment ◇ = optional equipment - = not available								
*This model is currently not available in North America ** Fitted with extra counter weight *** Wheels folded for transport								



RW-SW

# DESIGNED BY KUHN, MADE BY KUHN

Check out KUHN's complete full-liner range in bale equipment



1. Fixed Balers - 2. BalePacks - 3. i-BIO+ - 4. Large Square Balers - 5. + 6. Round and Square Bale Wrappers.

For more information about  
your nearest KUHN dealer, visit our website  
[www.kuhn.com](http://www.kuhn.com)



Visit us on our YouTube channels.



[www.kuhn.com](http://www.kuhn.com)

Your KUHN dealer

## KUHN S.A.S.

4 Impasse des Fabriques - BP 50060,  
F-67706 Saverne CEDEX - FRANCE

## KUHN NORTH AMERICA, INC.

1501 West Seventh Avenue - Brodhead, WI 53520 - USA

## KUHN FARM MACHINERY PTY. LTD

313-325 Foleys Road - Deer Park, VIC, 3023 - AUSTRALIA

## KUHN FARM MACHINERY (U.K.) LTD

Stafford Park 7 - GB TELFORD/ SHROPS TF3 3BQ

Information given in this document is only for information purposes and is non-contractual. Our machines are in compliance with regulations in force in the country of delivery. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be in position in accordance with the requirements indicated in the operator's manuals and assembly manuals. Respect the tractor gross vehicle weight rating, its lift capacity and maximum load per axle and tyres. The tractor front axle load must always comply with the regulations of the country of delivery (In Europe, it must reach minimum 20 % of the tractor net weight). We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

Also find KUHN on

