

EasyWrap

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BALE WRAPPERS



EasyWrap

Round bale wrappers, *mounted or trailed*

Unmatched efficiency through high wrapping rpm
Wraps your bales at 40 rpm for maximum daily outputs

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KRONE EasyWrap:

Maxing on efficiency and convenient operation

In livestock farming, everything is geared towards forage quality. With our EasyWrap 150 und EasyWrap 165 T wrappers for round bales, we make a significant contribution to wrapping and sealing your quality forage effectively with silage film to start the ensiling process. Thanks to using sensor technology that detects the current position of the wrap arm, our wrappers achieve optimum film overlaps even on the heaviest bales. In addition, the easy-to-use operator terminal offers intuitive operation both in manual and auto mode.

Maximum operator comfort

Easy and intuitive operation from the tractor cab. Film replacement is made easier by the control panel on the machine.

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Position-controlled wrapping process with 360° monitoring

Perfect wraps no matter the bale size

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Convenient road-to-field changeovers from the cab

No dismantling and no manual changeovers

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Picks up and wraps even heavy bales without a hitch

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Standard film tear detection

The wrapping cycle on EasyWrap 150 is stopped instantly at film tear; on the EasyWrap 165 T the second arm continues wrapping.

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Massive guide rolls keep the bale in for reliable operation in any condition

Effective bale control on slopes

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Fast film replacement

A good supply of spare film rolls is stored on the machine for long working days

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Automated functions

From picking up the bale to unloading the finished bale

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EasyWrap 150

The key features

The KRONE EasyWrap 150 is mounted in the three-point linkage, front and rear. Beyond that, it also attaches to wheeled loaders and telescopic materials handlers for maximum productivity and machine utilisation.

Automated functions

for convenient bale control – from collecting to unloading.

Four holders store spare film rolls

for long working days. External control panel.

Work to road changeovers

are made with a touch of a button.

Big guide rolls

provide optimum bale control and ensure smooth bale roll especially in sloping fields.

Homologated for road travel

thanks to the standard-fit rear lamp.

The fastest single-arm wrapper

in the market for maximum productivity and silage quality.

Position controlled wrapping arm

leads to perfect overlaps behind any tractor (no time control!).

Massive rollers

ensure an effective bale roll – even of heavy bales of up to 1,600 kg.



The wrapping device

Maximum *rotational speed for maximum daily output*



Three-point attachment

Attached in three-point rear linkage, EasyWrap 150 runs very close behind the tractor, providing optimum weight distribution and great stability also behind smaller tractors. EasyWrap 150 is also suitable for front linkage attachment on higher-power tractors.



It needn't be a tractor

The EasyWrap 150 is equally suitable for front linkage attachment on a wheeled loader or materials handler, offering maximum versatility and universal use. On these machines, operators enjoy an even better overview and excellent agility.



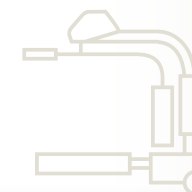
Road mode retrieved at the touch of a button

Changeovers for road transport are fast and convenient as the operator simply presses a button in the cab. No need to dismantle the machine. This mode brings the loading arms together and the wrapping arm moves to the front end, so the machine forms a compact unit for safe and easy travel on public roads.

Maximum flexibility

- **Ideal weight distribution** and good stability thanks to close tractor attachment
- **Flexible attachment**
Rear or front operation on tractors as well as on telehandlers and wheeled loaders

The KRONE EasyWrap 150 is the world's fastest single-arm wrapper that operates at 36rpm. More than that, the extremely versatile machine is equally at home in bale handling. This versatility makes the EasyWrap a true specialist machine for farmers who run their own fleets.



The bale pick-up and discharge

Whether large or small, the KRONE EasyWrap picks up every round bale – *and even does it automatically*

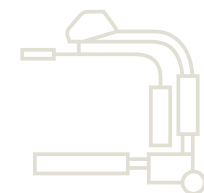


Easy use

The number of wraps and the bale size are set on the DS 500 terminal with 5.7" touchscreen and twelve function keys.

Integral auto load function

The EasyWrap 150 is available with an optional bale turner that deposits the bale on its face so it cannot roll downhill. This bale turner also serves as a bale detector as part of the EasyLoad feature: as the wrapper makes contact with the bale, the bale pushes this detector towards the tractor. This in turn triggers the two rollers, bringing them together to pick up the bale. The entire wrapping cycle including depositing the finished bale can be carried out fully automatically,





Picking up and depositing the bale

- Massive rollers – smooth and ribbed – **roll the bale effectively**
- Hydro powered rollers ensure **effective bale roll**
- Choice of automatic, semi-automatic or manual **machine control**

A simple mechanism allows operators to change the machine from small to big bales. The entire wrapping cycle – from collecting to unloading the bale - is controlled automatically, but semi-automatic or manual operation is also possible at any time.

Small and big bales

The EasyWrap 150 can pick up and wrap bales from 1 m to 1.50 m in diameter. Operators simply refit a pin to adjust the machine to a different bale diameter. The film is always applied to the middle of the bale, a method that results in optimum overlapping.

Effective bale roll

Two massive and powered rollers ensure the bale is rolled dependably also in difficult conditions. Therefore, heavy bales of up to 1,600 kg in weight are no problem at all. With the two rollers rotating in synch, the bale rolls consistently for a uniform wrap. One of the rollers is ribbed to prevent bale slip.

Perfect control

A massive guide roll (two as an option) keeps the bale in check during wrapping, preventing it from seizing up which is a risk with misshaped bales and in sloping fields.

Helpful support

An optional roller can be fitted at the base of the machine between the two link arm couplers. Absorbing the weight of the machine and the bale, it provides extra support so less weight is transferred to the tractor – a particular boon when operating the machine behind lower-powered and more light-weight tractors.



The wrapping device

Maximum *rotational speed for maximum daily output*

What you get from it

- **The fastest single-arm wrapper in the market** with an up to 36rpm orbiting speed
- **Quick-change** film roll dispenser
- **Flexible film pre-stretch** and film tear detector
- **Cut-and-tie system** fixes the film and makes a clean cut

The KRONE EasyWrap is currently the fastest single-arm wrapper in the market. Although the wrapping arm orbits at an incredibly high 36rpm, it delivers an uncompromised quality of wrap – an achievement that is also attributed to the sensors that monitor all the machine functions.



Watched by sensors

The EasyWrap wrapping arm orbits at speeds of up to 36rpm for extremely fast wrapping cycles. Rather than time controlled, the arm position is controlled by a 360° angle sensor. Also, a brake fixes it in position so it always starts out from the same position – a detail that is particularly important in sloping fields. The technology ensures perfect wraps and consistent overlaps even on different tractors and different hydraulic systems.





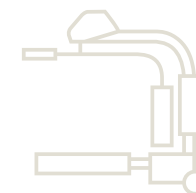
Flexible pre-stretch

750 mm wide film is pre-stretched to 55-70% depending on requirements for efficient film use. Film pre-stretch is a standard feature.



Fast roll change

The film dispenser swings out for easy roll change. Fitting the new roll and threading the film into the pre-stretch assembly is an easy job, especially as you can move the wrap arm out of the way with a touch of a button, making film change a doddle.



The wrapping device

Cutting and holding device prevents loose film ends



Cut-and-tie

The cut-and-tie unit fixes the film at the end of the wrapping cycle and makes the cut. The end of the film clings to the bale. Loose film ends won't be seen on the EasyWrap. A spring-loaded clamping device traps the film end in the dispenser where it is ready for the next cycle.



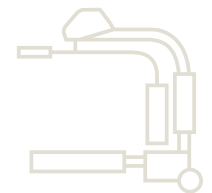
Film tear detector

EasyWrap 150 has a standard-fit film tear detector that is integrated in the pre-stretch assembly and instantly stops the rollers when film break or end of film is detected.



Film roll holders

Optional holders store four extra film rolls on the right and left side of the machine. Arranged at the front, their mountings also accommodate extra lights and external controls. From this control panel you can relocate the wrapping arm (forward / reverse) and open and close the cut-and-tie.





Counterweight

To ensure that the bale wrapper runs as smoothly as possible, the machine is equipped with a counterweight. By counterbalancing any imbalances that may develop behind a lower-powered tractor.



On-board hydraulic system

An optional slip-on pump is available for tractors with low oil output. This hydraulic pump, including oil reservoir, guarantees maximum bale count regardless of tractor size or oil output.



KRONE EasyWrap 165 T

The EasyWrap 150 is the three-point mounted single-arm wrapper for round bales that complements the trailed and twin-arm EasyWrap 165 T. It has two wrapping arms that boost your daily outputs of high-quality bales.

Professional solutions

Combined or separate Wrapping the professional way



The KRONE Agricultural Machinery factory taps into a long experience in wrapper manufacturing. In the past, all our wrappers were designed to form an integral part of a baler wrapper combination. Now, we offer two solo machines for attachment to a tractor or loader to meet the needs of our customers. Our sales engineers, designers and developers pooled their resources and created these two high-capacity wrappers for use as solo machines.

The compact EasyWrap 150 is a low-weight and high-stability model for challenging terrain. The wrapper attaches to various types of tractors and loaders and offers a particularly long lifespan. EasyWrap 165 T stands for maximum performance and reliability and scores high marks on its simple design. The two models are an important addition to the KRONE product range.



EasyWrap 165 T

The key features

The KRONE EasyWrap 165 T offers convenient attachment to any tractor. Thanks to its trailed design, it handles the heaviest bales also when hitched to a tractor with lower lifting powers.

Double wrapper

The two wrapping arms are reversible and orbit around the bale at up to 40 rpm for maximum productivity and best silage quality.

Running gear

Low centre of gravity ensures great stability especially in sloping fields.

The loading arm adjusts without tools

The robust loading arm lifts reliably bales of various sizes and weights.

The wrapping table is formed by four strong fibre ribbons

Up to six bobbins roll the bale effectively.

Automated functions

for convenient bale control – from collecting to unloading

Position controlled wrapping arm

leads to perfect overlaps behind any tractor (no time control!)



The drawbar

Ultimate agility and *plenty of storage capacity*



Easy attachment

The EasyWrap 165 T is coupled to the tractor's lower link arms. This easy and convenient type of attachment is a standard feature which is particularly useful if the machine is used behind various tractors.



Plenty of storage capacity

Eight film holders can be ordered as an option. Mounted at a low height, the holders make for convenient handling of the film rolls.



Compact and uncluttered

- **Slim drawbar** for maximum manoeuvrability
- **Pivots automatically** from transport to work position and vice versa
- Couples to the lower links for **optimum manoeuvrability** and convenient attachment
- **Storage space for eight additional film rolls** for long working days (option)

Coupling the machine to the tractor's lower links is fast and easy. Equally convenient is the drawbar which pivots hydraulically from transport into work position - conveniently triggered with a touch of a button from the cab.

The bale pick-up and discharge

Strong arm *for heavy bales*



Go!

The entire wrapping cycle from picking up the bale to lowering it to the ground can be automated and executed without any interference by the operator. The cycle is triggered when the bale contacts the sensor plate on the loading unit.



Small and big bales

A sturdy loading arm picks up the bale gently and places it equally gently onto the wrapping table. As the bale is grabbed at ground level it is neither squeezed nor damaged. The arm adjusts easily without tools to various bale sizes. All you need to do is refit a pin.



Maximum output

The EasyWrap 165 T is able to unload the finished bale on the move for maximum productivity without stops. To do this, it tips the table far to the rear. An optional mat helps avoid the film is poked by the stubble.



Picking up and depositing the bale

- **Strong loading arm**
for reliable bale handling
- Adjust the machine to a different size of bale **without the need of tools**
- **Transport** two bales to the collecting point
- **Unload the finished bale on the move**
for maximum productivity

The EasyWrap 165 T loading arm is adjusted to the current bale size without tools and places the bales gently on the wrapping table. It can even unload the bales on the move for boosted efficiencies.



Optional bale turner

The bale turner is available as an option. It turns the bale on its face so it cannot roll downhill. For road transport, it folds up easily and fast operated from the cab.



Collecting bales

At the end of the wrapping job the wrapper turns into a bale collector by carrying a second bale on the loading arm. After the tractor arrives at the collecting point, the finished bale is lowered to the ground and the second bale is wrapped.



Manual operation

Operators can execute all machine functions from this external control panel on the frame, which is a great help when changing film rolls.



The wrapping table and the wrapping device

Perfect wrapping result *for best forage quality*

Picking up and depositing the bale

- **The extremely powerful twin-arm wrapper** operates at up to 40 rpm
- **The wrapping table is made up of four fibre ribbons** that roll the bale reliably
- **The film dispenser** with integral film break detector ensures there are no air pockets
- **Quick-change system** for easy and convenient film refills

The twin-arm wrapper operates at up to 40 rpm, delivering maximum work rates. Sensor controlled, the wrapper offers maximum precision applying tightly stretched layers of film for highest-quality forage.



Twin-arm wrapper

The two wrapping arms on the EasyWrap 165 T orbit at up to 40 rpm for shortest wrapping cycles and an outstanding performance. The arm is position controlled by an angle sensor. Also, a brake fixes it in position so it always starts out from the same position – a detail that is particularly important in sloping fields. The technology ensures perfect wraps and consistent overlaps even on different tractors and different hydraulic systems.

Fast roll change

The quick-change system makes swapping film rolls a doddle. Swing out the film dispenser assembly, fit the new roll and thread the film into the stretcher. For added convenience, you can move the wrapping arm into the preferred position by pressing the external control.





Film dispenser and film-break detector

Depending on the gear ratio, the dispenser stretches the film to 55% to 70% ensuring efficient film use. The unit has an integrated sensor that detects a broken film. At film break, you either stop work and refit the film or you continue wrapping with one arm after halving the orbiting speed.



The wrapping table with belt

The wrapping table is formed by four extremely durable textile belts that roll the bale effectively. A special coat on the rollers ensures the belts will not slip. The belts form a deep cradle that holds the bale firmly in place and where it is held in check by four bobbins or six as an option for ideal overlaps.



Perfect cut

At the end of the wrapping cycle, the cut-and-tie unit makes cuts the film very close to the bale cut eliminating loose film ends. A spring-loaded clamp traps the film end so it is ready for the next cycle.

The running gear and lighting

Safe driving, *whether on the road or in the field*

Running gear and road lights

- **Low-slung chassis** and a low centre of gravity for great stability
- **Wide tyres** for soft treading even in difficult conditions
- **LED road lights** and work light for long working days

Its low centre of gravity gives the EasyWrap 165 T maximum stability on slopes and the wide tyres provide gentle treading in the field and light pulling on roads.



Stability on slopes

The low-slung chassis brings the centre of gravity close to the ground for perfect stability in sloping fields – an important detail for loading and unloading the bale but also during wrapping.

The lights

The wrapper features standard lights for safe travel on public roads. In addition to that, LED working lights can be ordered as an option for perfect visibility in poor light conditions.

Big boots

The standard-fit 10.0/75-15.3 10 PR TL tyres (15.0/55-17 10 PR TL option) ensure ground-friendly and light-pulling performance in difficult soil conditions.

Operating the machines

Intuitive operation, just as you would expect from KRONE



DS 500

The DS 500 terminal with 5.7-inch touchscreen has twelve function keys for easy and convenient use.



CCI 800 and 1200

These two ISOBUS terminals – the 8-inch CCI 800 and the 12-inch CCI 1200 – offer premium operator comfort from a touchscreen terminal with a clear menu navigation.

Take your pick!

- **DS 500** – the user-friendly KRONE machine terminal
- **CCI 800** – the ISOBUS-compatible 8-inch touchscreen for universal use
- **CCI 1200** – the ISOBUS-compatible 12-inch touchscreen offers premium graphics and the highest operator comfort
- **ISOBUS tractor terminal** for straightforward operation

The KRONE operator terminals offer intuitive and easy operation for EasyWrap 150 and EasyWrap 165 T. Operators can control all major machine functions from the tractor – for maximum comfort and productivity.



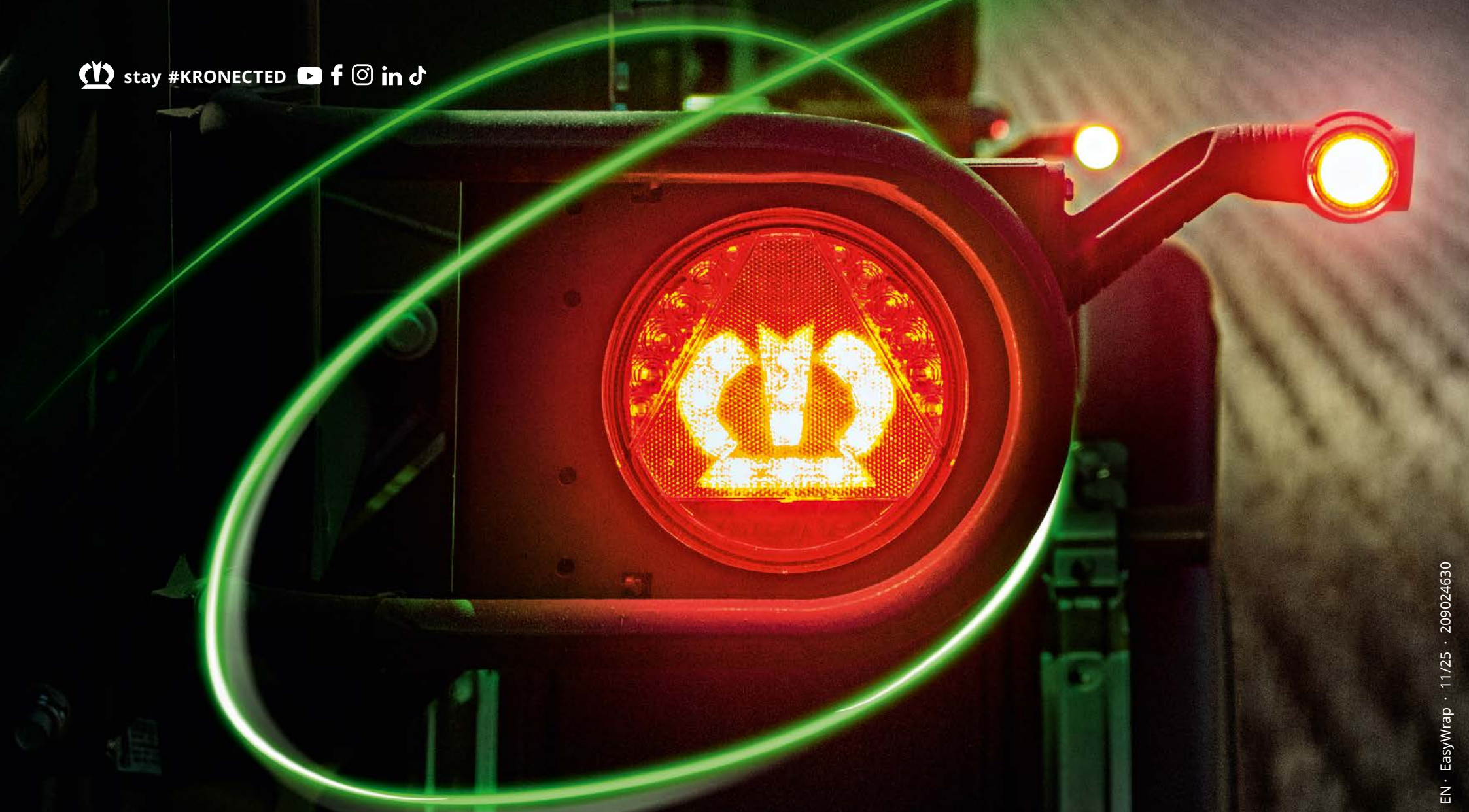




Technical data

		EasyWrap 150	EasyWrap 165 T
Tractor attachment	Three-point linkage, mounted	x	-
	Lower links, trailed	-	x
Wrap arm	Single	x	-
	Double wrapping arm	-	x
Automated functions	Film tear detection	x	x
	Bale pick-up	x	x
	Wrapping	x	x
	Bale discharge	x	x
Bale turner		Option	Option
Max. no. of film roll holders		4	8
Dimensions	Height	2,388 mm (7'10")	3,068 mm (10'1")
	Width (*clad with 15"/17" tyres)	1,430 mm (4'8")	*2,540/2,688 mm (8'4"/8'10")
	Length (**in working / transport position)	2,349 mm (7'9")	**3,450/4,141 mm (11'4"/13'7")
Weight	Dead weight***	740 kg (1631 lbs)	1,400 kg (3086 lbs)
Bale diameter		1,000 to 1,500 mm (3'3" to 4'11")	1,000 to 1,650 mm (3'3" to 5'5")
Max. bale weight		1,600 kg (3527 lbs)	1,700 kg (3748 lbs)
Max. wrapping speed		36 rpm	40 rpm
Film width		750 mm (2'6")	750 mm (2'6")
Film stretch		55 to 70%	55 to 70%
Hydraulic system	Hydraulic couplers	1 sa + 1 return line	1 sa + 1 return line
	Oil flow	22 l/min - 40 l/min	22 l/min - 45 l/min
Load Sensing		Option	Option
Tractor attachment	Three-point linkage cat. II	x	x
Tyres		-	10.0/75-15.3 10 PR TL
		-	15.0/55-17 10 PR TL
Operation device	DS 500	Standard	Option
	CCI 800	-	Option
	CCI 1200	-	Option
Electric connector		-	ISOBUS

***May vary depending on specification



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