

# LELY ATTIS

Round bale wrappers



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

*innovators in agriculture*



# Keep oxygen out and quality in



CUTTING

Cut the grass your animals need.



DRYING

Rapid wilting retains the quality.



COLLECTING

Ash is ballast for animals.

## Feed efficiency and our wide range



# Insights on sealing

Keep quality in and the oxygen out.

Safeguard your investment.

Plan storage for feed quality.



CHOPPING

Chop for efficient rumination.



COMPACTING

Ensure a rapid start of the fermentation process.



SEALING

# of forage machines



Driving during wrapping

# The best forage comes well wrapped

Wrapping and transporting bales takes time. Combining these operations increases output and saves time. With the PT 160 model, wrapping can even take place simultaneously.



Effective wrapping



Careful unloading



Robust chassis gives a long life span

Depending upon the crop and the required storage period, the number of film layers can easily be set. The wrapping table automatically sets the required number of rotations and ensures correct overlap of the film layers.

Attis wrappers unload the bales gently back to the ground. Film damage is avoided and the bale keeps its shape.

Formed and folded parts minimize cutting and welding and their inherent weakness.



## Fast pick-up and gentle discharge of bales

Lely Attis round bale wrappers are fitted with different systems to pick up and lower bales. Yet they have two things in common. They place the bale on the wrapping table effortlessly, without impairing the shape of the bale and the bale is always lowered gently to the ground avoiding film damage. The Lely Attis PT 160 model allows simultaneous transport of bales on the wrapping table and on the loading arm.



#### Effective loading arm

Bales are placed effortlessly on the wrapping table in one sequence.

### Secure bale pick-up with a strong loading arm

The build of the rugged loading arm is very solid and it ensures that bales are placed on the wrapping table without effort and in one single movement. The PT 160 model has an adjustable loading arm allowing the machine to pick up both large and small bales.

### Driving when wrapping

The bale guides keep the bale in a firm position on the wrapping table. This makes it possible to drive during wrapping. The bale remains firmly positioned on the wrapping table, even in hilly conditions.

### Gentle discharge of bales due to the low position of the wrapping table

The position of the wrapping table of the PT 130 model is exceptionally low. After the wrapping process, the table tilts backwards and gently rolls the bale onto the ground. This eliminates the risk of film damage.

### Active bale discharge system on PT 160

The Attis PT 160 features an active bale discharge system. When the bale is wrapped the wrapping table tips backwards and releases the bale on to the active bale discharge system which is raised. It then gently lowers the bale to the ground.



#### Gentle discharge of bales

All Attis models have their own way of lowering the bale gently to the ground to avoid film damage.



## Proper wrapping for high-quality fodder

To ensure proper fodder conservation, tight and airtight packing of the bale is essential. The fermentation process can then start quickly. Depending upon the crop and the required storage period you can easily set the number of film layers yourself. The wrapping table automatically sets the required number of rotations and ensures correct film overlap. An acoustic signal tells the operator when the wrapping process is finished.



## Wrapping with pre-stretching and correct overlap

Once the bale is positioned on the wrapping table, the wrapper accelerates up to the correct speed in a controlled manner. The wrapping program automatically runs the pre-set number of rotations and ensures correct overlap of the film layers. Thanks to the exchangeable gears on the pre-stretchers, the film is wrapped around the bale with a 55% or 70% pre-stretch.

## Consistent wrapping across the centre of the bale

To be able to wrap the film across the centre of both small and big bales, the stretcher of the Attis PT 160 model is height-adjustable.

## Film clamps ensuring a tight grip

When the wrapping program has completed the correct number of rotations, the film clamp holds the film tightly. A strong sharp knife cuts the film neatly. The film clamps hold the film tightly and the next wrapping cycle can begin.

## Easy change of film rollers

A quick lock system on the film stretchers ensures that the empty rolls of film can be changed easily and quickly. The film stretcher is opened and closed by adjusting a lever.



# Lely Attis – a strong construction due to advanced production techniques

The simple yet exceptionally strong frame construction ensures long machine life. Wherever possible, the steel tubes were manufactured from one piece of steel rather than welding, thus reducing welding seams to the bare minimum. In addition to the appeal of this type of construction, it also offers the advantage of improved strength due to less parts. A square tube is shaped into exactly the right angle without undue deformation while maintaining proper wall thickness.

## Robust design of the drawbar

The draw bar is of a very strong build and can withstand heavy force. Hitch height is adjustable to ensure effective coupling to the tractor.



## Large gears and a heavy chain

The drive line of the wrapping table has exceptionally large gears and a heavy drive chain for a long life span.



## Strong loading arm

The loading arm of the PT 130 consists of one single part.





## Skilled!

You work with our machines in the great outdoors. New challenges are presented to machines every day. It is for this reason that our dealers are skilled and geared up to respond rapidly. They hold stock of the most essential parts and have the expertise to keep machines performing optimally. We ensure that your Forage Harvesting goes smoothly.





# Lely Attis



PT

## Technical specifications

| ATTIS                                     | PT 130              | PT 160      |
|---|---------------------|-------------|
| Bale diameter (m)                         | 0.90 – 1.30         | 0.90 – 1.60 |
| Bale width (m)                            | 1.25                | 1.25 – 1.50 |
| Max. bale weight (kg)                     | 1,000               | 1,200       |
| Weight (approx.) (kg)                     | 1,080               | 2,080       |
| Drive power required (kW/hp)              | 30/41               | 40/55       |
| Transport length (m)                      | 4.70                | 5.80        |
| Transport width (m)                       | 2.55                | 2.30        |
| Transport height (m)                      | 2.30                | 2.70        |
| Hydraulic connections                     | 1x SA with free run |             |
| Recommended oil flow (l/min // bar )      | 18-30 // 150        |             |
| Electrical connections                    | 12V                 |             |
| Tire size                                 | 10/70-15.30         | 380/55 – 17 |
| Film holders and cutter                   | 1                   |             |
| Extra film roll storage                   | 3                   |             |
| Variable stretchers (%)                   | 55 / 70             |             |
| Control unit                              | E-link Basic        | E-link Plus |
| Semi-automatic control                    | S                   | S           |
| Fully automatic control                   | X                   | S           |
| Bale counter                              | S                   | S           |
| Rotation counter with acoustic signal     | S                   | S           |
| Film break monitoring                     | X                   | S           |
| Film width 750 (mm)                       | S                   | S           |
| Counter-weight for proper balance         | X                   | S           |
| Bottom linkage (pull eye)                 | X                   | X           |
| Possibility to take a second bale in line | X                   | S           |
| Hydraulic steering draw bar               | X                   | X           |
| Lighting                                  | S                   | S           |
| Bale mat                                  | X                   | S           |
| Bale tipper                               | O                   | O           |
| Kit 500 mm film                           | O                   | O           |
| Extra film roll storage for 4 rolls       | X                   | X           |

S = Standard / O = Option / X = Not available for this machine



## Lely Attis PT

Lely have developed two turntable trailed wrapper models with a loading arm. The PT 130 is the basic model featuring a rugged loading arm, exceptionally low wrapping table and semi-automatic control. Due to the wide variation in bale sizes, the Lely Attis PT 160 bale wrapper is the most versatile wrapper in today's market place. This bale wrapper includes fully automatic controls and an active bale discharge system; it can also transport a second bale.





#### Adjustable track width

Turning in the right-hand rear wheel reduces the track width by 35 cm.

## Lely Attis PT 130 – Tremendous output

The Lely Attis PT 130 is fitted with a loading arm that can place bales with a diameter of up to 130 cm and a weight of up to 1,000 kg on the wrapping table in one sequence. The bale guides keep the bale firmly positioned on the wrapping table so that the wrapping process continues while moving on to the next bale. Depending upon the number of film layers, these wrappers can wrap up to 60 bales per hour.

## Always the correct number of film layers

The Lely Attis PT 130 is equipped with an E-Link Basic semi-automatic control unit for automatic operation or for using each function individually, i.e. loading, wrapping, cutting film and discharging. A rotation counter gives the operator an acoustic signal once the wrapping table has completed the correct number of rotations. When the operator stops the wrapping table, the film clamp closes and the wrapping table is tilted backwards.

## Adjustable pre-stretch system saves film

The pre-stretchers can be fitted with 500 mm or 750 mm film rollers.

The adjustable pre-stretch system saves film and ensures that the film is wrapped tightly around the bale. Thanks to a quick lock system an empty film roll can be replaced quickly and easily. The draw bar has the capacity to carry three additional rolls of film.

## Compact on the road

Switching from a working position into a compact transport position is easy. Simply lift the right-hand rear wheel with the loading arm and change the wheel position. This reduces the track width by 35 cm.

## Gently lowering to the ground

Due to the exceptionally low build of the PT 130 model, the wrapped bale is lowered to the ground gently after the wrapping table is tilted backwards.

## Solid construction for intensive use

The simple yet outstandingly rugged construction of the frame, combined with the robust steel tubing, ensures long machine life.



#### E-link Basic

The Lely Attis PT 130 is equipped with an E-link Basic semi-automatic control to steer an automatic program or each separate function.





#### Transporting a second bale

It is possible to carry a second bale on the loading arm.



#### Counter-weight for enhanced stability

With its low centre of gravity and counter-weight for enhanced stability, the PT 160 is ideally suited for working on slopes.



#### Compact transport position

By folding up the loading arm, the PT 160 is quickly ready for transport. The compact design ensures the machine is narrow for transport and it also requires little space for storage.



## Lely Attis PT 160 – a versatile wrapper

The Lely Attis PT 160 bale wrapper is the most versatile wrapper in today's market place. Due to the adjustable bale guides, bale widths can be varied between 125 cm and 150 cm. The adjustable loading arm will load bales with a diameter from 90 to 160 cm onto the wrapping table in one sequence. As the pre-stretcher is height-adjustable, this wrapper can always wrap the film across the centre of the bale irrespective of bale size.

## Always the correct number of film layers

The Lely Attis PT 160 is fitted with an E-link Plus fully automatic control unit. The wrapping program can be configured according to the operator's individual wishes and each function can also be controlled manually. With a pause button you can temporarily interrupt the process, if for example you have to negotiate a narrow passage or if you want to unload the bales at a central location.

## Smartly engineered film holders save costs

The PT 160 wrapper is equipped with a pre-stretcher, which can be fitted with 500 or 750 mm film rollers. The adjustable pre-stretchers ensure a pre-stretch of 55% or 70%. This saves film and ensures that the film is wrapped tightly around the bale. A sensor warns the operator if the film breaks or when it needs to be replaced. Thanks to the quick lock system an empty film roll can be replaced quickly and easily. The draw bar has the capacity to carry three additional rolls of film.

## Solid construction for intensive use

The simple and exceptionally reliable frame construction ensures long machine life. Wherever possible, steel tubes were manufactured from one piece of steel rather than welding thus reducing welding seams to the bare minimum.



#### Gently lowering onto the ground

The Attis PT 160 features an active bale discharge system. As soon as the wrapping table tips backwards, the active bale discharge system is raised and takes over the bale from the wrapping table. The film is cut off neatly and held in position for the next bale. Subsequently, the bale discharge system lowers the bale gently to the ground thus avoiding damage to the film. This discharge system can also be fitted with a bale tipper allowing the operator to tip the bale on its end.



