

**GOWEIL**

# BALER-WRAPPER COMBINATION

LT-MASTER





Since 1988, GÖWEIL has epitomized excellence in the area of **bale wrapping and baling technology** thanks to a product selection of unsurpassed quality.

Other core areas of the company's activities include **bale opening and transport equipment, high lift buckets and blade sharpeners**.



## MECHANICAL ENGINEERING AT THE HIGHEST LEVEL

Professional solutions for agriculture and industry

As an exceptionally high portion of their products are exported, GÖWEIL machines have become renowned and are widely used throughout the world. After starting out as a manufacturer specializing in agricultural machinery, the company has evolved into a producer of machinery that is also suitable for industrial applications.

GÖWEIL's corporate philosophy is deeply rooted in the following values:



### QUALITY.

All products are designed, developed and produced exclusively at the company's location in Kirchschlag (Upper Austria).



### EFFICIENCY.

Constantly refining our product selection, we are capable of supplying cutting-edge solutions that offer premium quality and superior efficiency.



### KNOW-HOW.

Our long years of experience and the close cooperation between our design and manufacturing departments are instrumental to the sophistication of our solutions.



### SERVICE.

Even the best machine is in need of regular maintenance. Our service team is available to you 24/7 to take care of your concerns.





## OUR SOLUTIONS:

### BALER-WRAPPER COMBINATION

#### LT-MASTER

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# LT-MASTER

## DEVELOPMENT

The LT-Master is THE baler-wrapper combination for round bales. This is because it can turn almost any material into **perfectly pressed and wrapped round bales** – whether it be **maize, CCM, alfalfa, sugar beet cossettes, and grain, or mixed feed** and scores of other materials.



## ADVANCEMENT THROUGH VERSATILITY

The idea behind the development of the LT-Master was to both make silage maize **easier to handle** by pressing it into convenient round bales and make it **useful also for smaller agricultural operations**.

Each bale forms a small unit that can be **fed to the animals in a quick and simple** fashion. Bales of silage maize are an excellent choice as they keep the **quality of the feed** exceptionally high by protecting it against secondary fermentation or post-heating after the feed was pressed into bales.

## OTHER BENEFITS THAT SPEAK FOR THEMSELVES

- Simple and cost-efficient storage as well as transport of round bales
- Straightforward production of mixed feed (TMR)
- Silage maize can be utilized as summer feed

Over the years, the range of applications for the LT-Master grew enormously. Since the solution GÖWEIL offers with the LT-Master is as unique and versatile as a Swiss army knife, an ever increasing number of **finely chopped materials**, such as alfalfa, grain, sugar beets and even garbage and plastic, are shaped into round bales. Depending on its size and structure, the material compressed in the bale can be compacted by **30 % to 70 %**.

This is how the LT-Master's success story began. It took no time at all for the machine to take the place of the baler-wrapper combination that is most widely known in the industry around the world.

Customers requesting the machine now include large agricultural and even industrial businesses rather than just traditional contract harvesters.



## UNSURPASSED FEED QUALITY

It is every farmer's desire to provide their animals with the best feed available. The use of silage offers a great number of benefits and is an indispensable part of modern feed distribution. Numerous factors have to be taken into account in order to achieve **premium silage quality**. Not only is a high degree of **feed compression** important, but also a **clean production process** and the **quick exclusion of air**. The LT-Master unifies these factors perfectly.

A study conducted by the Agricultural Research and Education Center Raumberg-Gumpenstein illustrates the difference in the compression of maize silage that can be achieved in a horizontal silo versus in round bales:

## COMPRESSION OF THE MAIZE SILAGE



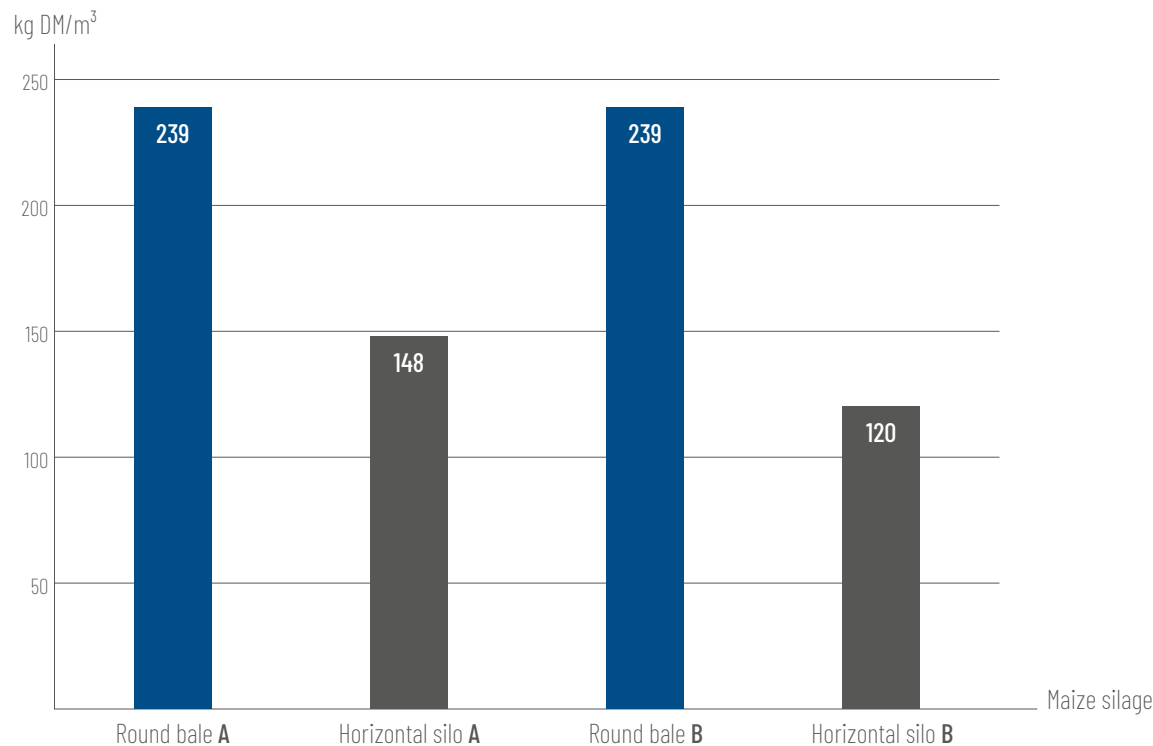
There are clear differences in the density of the maize silage:

	A	B
Horizontal silo	148 kg DM/m <sup>3</sup> (9 lbs DM/ft <sup>3</sup> )	120 kg DM/m <sup>3</sup> (7.5 lbs DM/ft <sup>3</sup> )
Round bales	239 kg DM/m <sup>3</sup> (15 lbs DM/ft <sup>3</sup> )	239 kg DM/m <sup>3</sup> (15 lbs DM/ft <sup>3</sup> )

Maize bales	Standard	Variable bale size
Diameter	1.15 m (3' 9")	0.60 - 1.15 m (2' - 3' 9")
Width	1.20 m (4')	1.20 m (4')
Weight (at 29 % DM)	~ 1,100 kg (880 kg/m <sup>3</sup> ) (~ 2,400 lbs)	~ 300 - 1,100 kg (880 kg/m <sup>3</sup> ) (~ 660 - 2,400 lbs)
Volume	1.25 m <sup>3</sup> (44 ft <sup>3</sup> )	0.35 - 1.25 m <sup>3</sup> (12 - 44 ft <sup>3</sup> )

"Strikingly low in round bales of silage is the concentration of germ group 2 bacteria (spoilage-indicating bacteria: Bacillus, Micrococcus, coagulase-negative species of Staphylococcus - orientation value: 200) with values between 6.0 and 6.5 CFU/gram. This low concentration can be attributed, first and foremost, to the quick anaerobic storage of the feed."

Source: LFZ Raumberg-Gumpenstein - Pöllinger 2011





# MATERIALS

Today, the LT-Master can be used for the most wide-ranging purposes thanks to its ability to bale and wrap an almost limitless variety of materials. And, since these materials are **harvested at different times throughout the year**, the machine is **used all year round**. This guarantees the **highest possible efficiency** and **utilization of capacity**. The most common materials at a glance:



## 1 MAIZE

Maize silage is made from the entire corn plant and serves as one of the most important roughage feeds for ruminants with a high milk yield. Maize silage provides particularly nutritious energy that is stored in the starch of the crushed maize kennels and is also very rich in crude fiber. This makes maize silage the ideal feed for achieving the highest milk yields and best fattening results. The quality of the feed is at a particular risk of becoming affected in temperatures above 15 degrees centigrade due to the increased activity of microbacteria. The formidable compression applied by the LT-Master during the baling process guarantees unsurpassed shelf life and feed quality.

## 2 CCM

CCM (Corn Cob Mix) is an outstanding high-energy feed that consists of the corn cobs and kernels. It is used for feeding pigs, cattle or other ruminants. CCM silage provides highly concentrated energy thanks to the added starch and offers an exceptional price-performance ratio when compared to conventional concentrate feed. Since this feed retains more of its texture than other feeds thanks to the crushing of the kennels, it is easier for the animals to consume. Thanks to their compact shape, bales of CCM silage are perfect to handle and exceptionally well-suited to be fed in small quantities as well.

## 3 ALFALFA

Apart from maize silage, alfalfa silage is one of the most important components in the roughage fed to cattle. High feed consumption and a particularly good structure value have their share in the significant milk yield of the cattle. Apart from guaranteeing high yields, growing alfalfa also improves the quality of the soil. However, as it is low in sugar, alfalfa is difficult to preserve using conventional methods. The LT-Master helps preserve the quality of alfalfa silage significantly as it excludes air rapidly and provides effective compression while pressing the material into round bales.





Compressed maize bale



Compressed CCM bale



Compressed alfalfa bale



Compressed bale of sugar beet pulp

## 4 SUGAR BEETS

Silages made from sugar beet pulp are known for their extremely high energy content, palatability, and digestibility. They are an ideal supplement for grass silage as they have a negative ruminal nitrogen balance and, therefore, set off the protein balance in the rumen. Pressed pulp silages are very low in lactic acid and, consequently, contain little acid overall. It is vital for the quality of the silage that it be processed cleanly while still warm and at a high rate of compression. The round bales produced by the LT-Master also cool down more quickly and are, therefore, ready to be fed more quickly.

## 5 TMR – TOTAL MIXED RATION

A TMR is made up of a balanced mix of roughage feed and concentrate feed. Dry matter portion and energy content are perfectly attuned. TM rations have a decidedly positive effect on the milk yield and the health of the animals. TMRs are prepared for storage by mixing already fermented silages and ensiling these batches again. As the LT-Master produces highly transportable storage TMR in a quick, easy and affordable way, it is also an ideal solution for commerce.

## 6 WOOD / WOOD CHIPS

Whether you are processing wood shavings, wood chips, wood wool, bark mulch, wood strands or pellets ... The LT-Master allows you to package all kinds of materials into compact bales. This makes both transport easier and helps save valuable storage space at the same time. The bales can be transported, stacked or loaded onto a pallet using a tractor. When pressed into a bale, the materials stay clean and dry.

## 7 WHOLE CROP SILAGE

Whole crop silages are usually made from barley, wheat or triticale. Their cultivation guarantees high yields and has many benefits when it comes to crop farming. However, grain contains only a very low portion of energy and is difficult to ensilage using conventional methods. As it delivers perfect compression and provides rapid air exclusion, the LT-Master makes producing grain silage effortless.

## 8 GRASS

Grass silage is the most important roughage feed for ruminants. Ideally, the feed is composed of true grasses, herbs and clover. Species of grass that are high in sugar guarantee a thorough fermentation process. As it delivers high compression density, the LT-Master is capable of processing grasses of all kinds even if they are high in crude fiber.

## 9 RDF SUBSTITUTE FUELS

A problem of increasing urgency is the storage of garbage and waste. Some materials are recycled for further processing and used as substitute fuels. The LT-Master offers a quick and easy solution for the storage and transport problem associated with this type of usage. The pressed bales can be transported in a space-saving manner and are ideally suited for intermediate storage. It is generally possible to shape solid waste such as plastic, household garbage, carpet flakes or even compost into round bales.

## OTHER MATERIALS THAT HAVE ALREADY BEEN SHAPED INTO ROUND BALES INCLUDE

Game feed, vegetable leftovers, sugar cane, cracked corn, horse manure, apple remnants, straw, and hemp

# ENSILING PROCESS

It is generally possible to process all **green feedstuffs into silage**. Besides grass silage, **maize silage** is the fodder that is most commonly used in **dairy farming**. While alfalfa or clover silages are **rich in protein**, maize silage offers the **highest energy content** next to grass silage. The following is a detailed description of the ensiling process:



## THE ENSILING PROCESS

The finely chopped mass is packaged air-tight and stored. The process of lactic acid fermentation ensues as a result of the residual sugar contained in the finely chopped material and the deoxygenation. The silage becomes acidified and, consequently, preserved. Silage is a high-quality and essential feed especially for ruminants. If the silage is too wet or contains too much residual oxygen, an undesirable result can be a high degree of acetic acid fermentation or butyric acid fermentation. This will render the silage inedible for the cattle and carries the risk of causing disease as a result of toxic excretion.

Using the LT-Master baler-wrapper combination allows you to eliminate several sources of danger thanks to the efficient ensiling process it guarantees:

- Formidable compression during baling translates to perfect preservation and exceptional feed quality
- Exceptionally rapid air exclusion thanks to an optimized baling-wrapping process
- Perfectly clean production work flow and, consequently, no contamination of the feed
- No risk of secondary fermentation or post-heating



# HIGHLIGHTS

The **first LT-Master** was introduced on the market as early as 2004. Incorporated into the development of the LT-Master were the great many advantages and proven components of **GÖWEIL's wrapping technology**. Not only is a **high degree of feed compression** important, but also a **clean production process** and the **quick exclusion of air**.



## ADVANTAGES OF THE BALER-WRAPPER COMBINATION

### High compression

The high bale density compresses the material to its minimum volume. This helps save valuable storage space.

### Machine setup

A tremendous plus! The machine is ready for operation inside of three minutes.

### Ultimate control

The program control "PROFI" uses a bus system to control the entire work flow in fully automatic fashion – all that remains for the operator to do is monitor the machine.

### Fast and agile

The pivoting drawbar makes it possible to swivel out the machine on both sides by 30°. This guarantees a minimum turn radius and allows you to power the machine on both sides.

### Well lubricated

The central lubricator supplies the most important lubrication points continuously with grease / oil. This guarantees an exceptionally long lifetime, keeping wear at a minimum.

### No distance is too far

The 80 km/h (50 mph) chassis allows you to reach any site of operation fast – whether you travel there by tractor or truck [80 km/h (50 mph) chassis requires the use of a dual-line air brake system – including ABS].

### Brake system

A dual-line air brake system or a hydraulic 2-circuit brake system comes standard.

### Always plenty in stock

Thanks to its hydraulically folding film storage that holds up to 18 rolls of film, the LT-Master is ideally suited for even the longest workdays.

### Perfectly lit

The LED lighting system keeps the LT-Master perfectly lit even if you have to work at night.



# HIGHLIGHTS



## 1 FEEDER / METERING UNIT

### Low profile design:

Whether you use a dumper, push-off trailer, truck or direct feeding – the feeder with its width of 3.50 meters (11' 6") and its low profile design makes the filling process quick and easy.

### Large capacity feeder:

The feeder provides a large buffer thanks to its nearly 13 m<sup>3</sup> (17 yd<sup>3</sup>) volume. This large capacity prevents the LT-Master from coming to a standstill during loading.

### Dosing rollers and feed screws:

The rollers with their continuous profile guarantee that the material is distributed perfectly onto the sloping conveyor.

### Dosing unit:

The speed of the scraper floor automatically adapts to and controls the material quantity.

### Scraper floor chains:

Made by Rübig, the galvanized, die-forged scraper floor chains on the sloping conveyor and feeder are indestructible.





## CONTROL

**Fully automatic program control PROFI**

The execution of all work cycles is fully automatic

## FEEDER



## 2 BALER

### **Fixed roller chamber:**

The two halves of the bale chamber are encompassed by a continuous endless belt. This minimizes the loss of material. The tension of the belt can also be adjusted hydraulically. This ensures that the baling process starts in a reliable manner and ends with a sound bale ejection.

### **High compression density:**

The solid forming rollers and their special arrangement provide for consistently high compression of the material.

### **Long lifetime:**

Large and tightly sealed bearings together with a perfectly attuned lubrication system guarantee the machine will last for a long time.

### **Net or film:**

You will need an efficient binding system to preserve a bale in perfect condition. Every LT-Master model comes standard with a combined dual binding unit for net and film.

### **Refeed belt:**

The refeed belt running underneath the entire length of the machine prevents any disintegration loss. Stray particles that escape during the baling process are caught and re-fed back onto the sloping conveyor without contamination.

### **Variable bale size:**

This setting allows for the continuous adjustment of the bale size between 0.60 - 1.15 m (2' - 3' 9").

### **Water injection:**

Used for mixing water into dry materials during baling.

## 3 WRAPPER

### **Mobile wrapping table:**

The wrapping table moves under the bale chamber and picks up the bale directly, quickly and gently.

### **Twin wrapping arm:**

The wrapper always stays one step ahead thanks to its standard twin wrapping arm including 2 x 750 mm (2 x 30") film stretching unit. More bales per roll of film – that is the result of the patented plastic rollers.

### **Film monitoring unit and single-film mode:**

If a film roll runs out or tears, the feed rate of the wrapping table is reduced until a 50 % overlap is reached again. This ensures the wrapping process for the bale can be completed without interruption. If both films run out or tear, the film monitoring unit will terminate the wrapping process.

### **Bale delivery ramp:**

A gentle bale deposit is guaranteed by the hydraulically lowerable bale delivery ramp.

### **Automatic film cutting & holding system:**

The stainless steel cutting knife guarantees that the film will be cut with utmost precision. The standard float position of the film cutter ensures that the film comes off easily and prevents any remnants from being clamped.



# SETUP & PREPARATION

One of the features that lets the LT-Master stand out is its **short setup time** of approx. three minutes. This is a feature of no great importance especially for professional contract harvesters who often need to **change locations several times a day**. Setting up the machine is an **entirely hydraulic process**. The LT-Master is ready for use after only a few simple steps.



Correct position of the LT-Master with the drawbar swiveled out



Extending the support feet



Lowering the feeder



Folding down the panels of the sloping conveyor and the feeder



Folding down the bale ramp



The LT-Master is ready for use within three minutes!





#### IMAGE DESCRIPTION

- 1) Quick change of the wrapping film
- 2) Effortless replacement of net or wide film
- 3) Adjustment of the program settings to the material
- 4) Check the grease supply of the machine
- 5) Check the oil supply of the machine

## PREPARING THE MACHINE

What is more, other usually time-consuming steps can be completed in a swift and straightforward fashion thanks to optimized details such as the following:

- Replacing the wrapping film takes no time at all thanks to the quick-release fastener.
- Replacing the net or the wide film requires only a few simple steps.
- The program control "PROFI" allows the operator to fine-tune the machine perfectly to the material at hand. A decisive advantage: the menus can be navigated in nine different languages.
- Refilling the central lubricator with grease (8 l) and oil (16 l) is effortless.

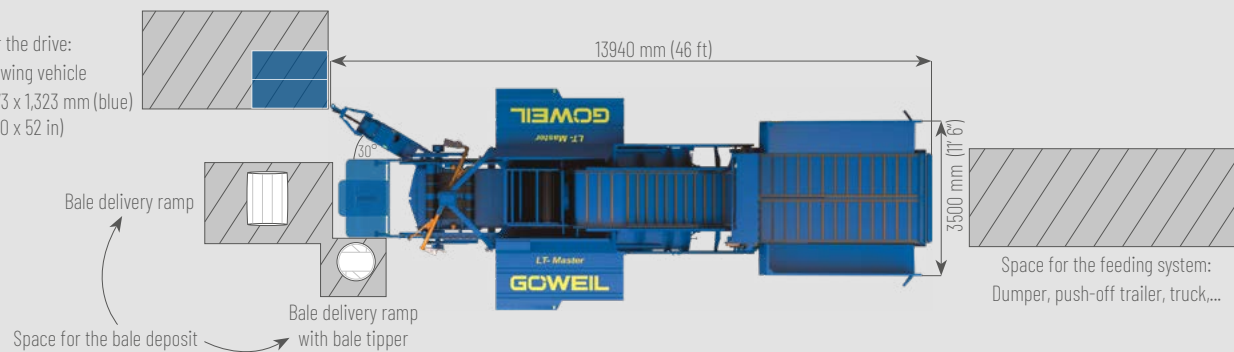


# MATERIAL FLOW



## Required work space

Space for the drive:  
Tractor, drawing vehicle  
Electric motor 1,773 x 1,323 mm (blue)  
(70 x 52 in)



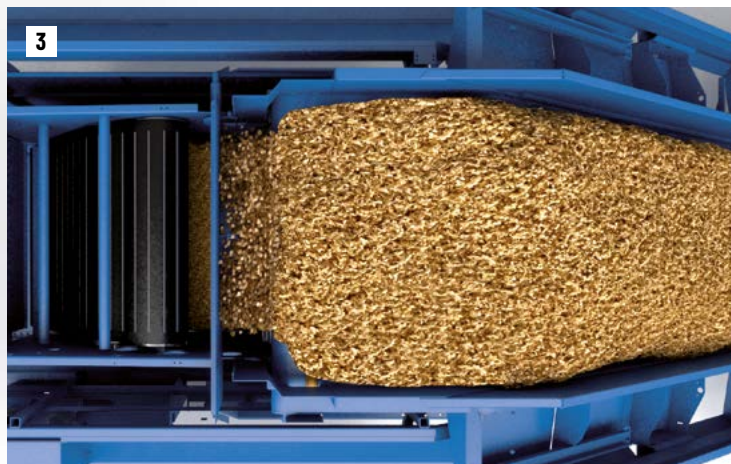




The material is loaded into the large capacity feeder



The material is metered perfectly and transported from the feeder to the sloping conveyor



The material drops from the sloping conveyor into the bale chamber



The bale is highly compressed inside the baler



The bale is picked up by the mobile wrapping table



The bale is wrapped perfectly and then deposited



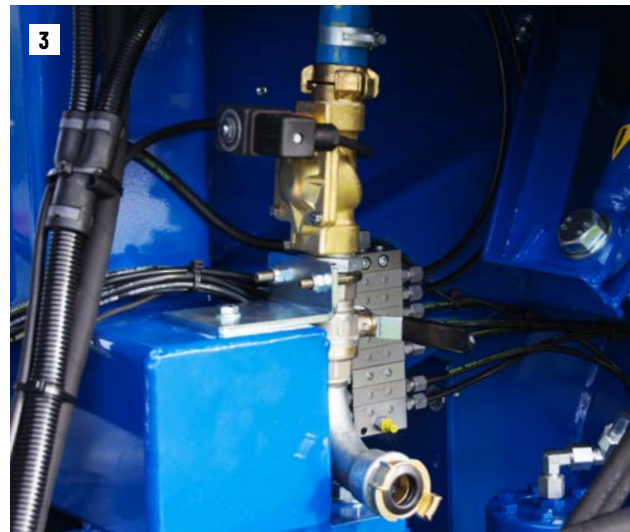
# BASIC MODEL

Quick, easy and fully automatic. Each minute detail contributes to a **perfect flow of material**. The LT-Master scores high in this department thanks to its first-rate **throughput**. The following is an overview of the **equipment options** available for the baler-wrapper combination:



## BASIC MODEL

Twin wrapping arm
Dual binding unit for net and film
On-board hydraulic system with oil cooler
Hydraulic belt pre-tensioning
Refeed belt to prevent the disintegration loss
Integrated feeder [working width 3.50 m (11' 6")]
Hydraulically actuated wrapping table
4 bale conveyor belts including belt guide and 2 bale guide rollers
Bale deposit towards the front via hydraulic bale delivery ramp
Height-adjustable drawbar
Film stretching unit 500 mm (20") and 750 mm (30") combined with overlap adjustment
Automatic film cutting and holding system
Film monitoring unit
Single-film mode
Tandem axle chassis with suspension and tires 355/50 R22.5
Hydraulically lowerable film storage for up to 18 rolls of film
LED working headlight
Dual-line air brake system [for up to 80 km/h (50 mph)] or hydraulic 2-circuit brake system – with emergency brake valve and accumulator
Variable bale size (only for film binding) infinitely variable bale size from 0.60 – 1.15 m (2' – 3' 9")
Camera system The four cameras are positioned such that they afford you a clear view of the top of the bale chamber, the sloping conveyor, the wrapping table and the rear of the machine at all times.
Water injection for bale chamber Consists of solenoid valve, tubing, and adjustable nozzles. For mixing water into dry materials.
Additional radio remote control for bale deposit
Fully automatic central lubrication system for oil and grease
Fully automatic program control PROFI The execution of all work cycles is fully automatic



#### IMAGE DESCRIPTION

- 1) Combined dual binding unit for net and film
- 2) Variable bale size of 0.60 - 1.15 m (2' - 3' 9")
- 3) Water injection for bale chamber
- 4) Camera system with 4 infrared cameras
- 5) Radio remote control for the bale deposit

## DETAILS OF THE BASIC MODEL

### Dual binding unit for net and film

The LT-Master comes standard with a combined dual binding unit. This allows for the simultaneous or combined insertion of two rolls of net or two rolls of film.

### Variable bale size

Always the right dosing! This setting ensures that the round bales are always matched perfectly with the required feed quantity. The bale size is infinitely variable between 0.60 to 1.15 meters (2' - 3' 9").

### Water injection for bale chamber

Instrumental to a tight compression of the material and perfectly shaped bales is the right dry matter and moisture content of the material. If the material is particularly dry, the water injection unit can be used to add water directly in the bale chamber.

### Camera system

Composed of four infrared cameras, the camera system provides the operator with a perfect view of the entire work flow and of the area all around the machine - both night and day

### Additional radio remote control for bale deposit

The compact radio remote control operates wirelessly and initiates the bale deposit of the fully wrapped bale. The radio remote control is small enough to fit in the user's pocket, allowing them to initiate the bale deposit from anywhere.



# ADDITIONAL EQUIPMENT

Its **versatility** is one of the key advantages of the baler-wrapper combination. This is why GÖWEIL offers a large selection of **additional equipment** that can be paired with it. This makes it possible to tailor the machine to the specific needs of the customer.



Weighing system with four integrated load cells – available as calibrated and non-calibrated versions



Display in the switch panel



Label printer (top) and adhesive label on the round bale (bottom)

## ADDITIONAL EQUIPMENT

### Electric drive

Consists of a 90 kW (120 hp) electric motor with soft starter. Complete with switch cabinet, wiring, base with forklift slings, emergency switch and main switch

Required connection for electric motor: 400 V / 50 Hz, CEE 125 A, protection class IP55

### Weighing system, non-calibrated

Consists of weighing table, display and label printer

### Weighing system, calibrated

Consists of weighing table, display and label printer

### Bale delivery ramp with bale tipper

The bale can be set down gently on the face side (left or right), or forward

### Silage additive dosing unit

LSP junior NK (acid-resistant), pump with filter, electronic flow meter  
Dosistar VD 390, 2 nozzles 0.1 in stainless steel design plus suction hose for extraction from tank. Attention! Tank not included

### Silage additive tank

450 liter stainless steel tank mounted on the machine

Drawbar eye types: A, B, C, D, E, G

## COUNTRY-SPECIFIC EQUIPMENT

### Rotating light

Typification

## DETAIL OF ADDITIONAL EQUIPMENT OPTIONS

### Weighing system

The four load cells are integrated directly into the wrapping table. The display is installed into the switch panel. The weighing process of the bales is automatic, thereby preventing any delays in the work flow. The bales can be weighed individually or evaluated as a complete batch. Setting the different options using the terminal is exceptionally easy. The label printer can be used to print such information as the weight of the bale, the date, the time as well as a recorded logo. If labels are not required, this function can be switched off at the terminal. Adhesive labels and the writing tape are commercially available goods and can be purchased at specialized dealers. It is possible to retrofit existing machines with the weighing system.



#### IMAGE DESCRIPTION

- 1) Bale delivery ramp with bale tipper  
left: bale tipper enabled  
right: standard controlled bale deposit with bale tipper disabled
- 2) Electric drive with switch cabinet and cardan shaft
- 3) Drawbar eye types for LT-Master

### Bale delivery ramp with bale tipper

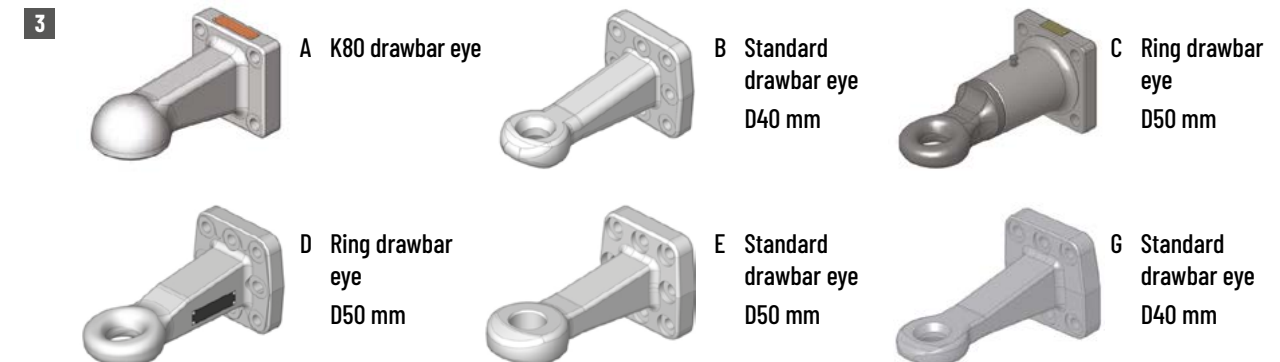
Integrated into the bale delivery ramp, the bale tipper makes it possible to drop the bale gently either to the left or the right. If the tipper is deactivated, the bale will, by default, be unrolled towards the front. Since stored on the face side, the bales can be removed in a faster and more gentle way.

### Electric drive

Powered by a cardan shaft, the drive can also be used with a tractor at any time. The motor generates very little noise during operation and keeps the cost of operation very low in order to steer clear of the high prices of fuel. The electric drive not only saves space but produces no exhaust gases, also making it a good solution for operation in halls. Nonetheless, its cover makes the electric drive also suitable for outdoor use (temperature range: -15 to +60 °C). Maintenance costs are very low, and the electric drive is easy to transport thanks to the base with forklift slings. The electric drive is equipped with a soft starter. This feature significantly reduces initial voltage peaks and the starting torque. This helps save power and puts less strain on drive, shafts, and gearbox.



Power: 90 kW (120 hp)	Voltage: 400 V	Frequency: 50 Hz
Protection class: IP 55	Power input: max. 125 A	Drive: 740 rpm
Weight: 2,970 kg (6,550 lbs)	L x W x H: 1,773 x 1,323 x 1,652 mm (70 x 52 x 65 in)	CEE 125A



### Drawbar eye types

A K80 drawbar eye Ball coupling	B Standard drawbar eye D40 mm acc. to DIN 11026, ISO 5692-2	C Ring drawbar eye D50 mm rotatable (hitch ring) / DIN similar to 9678, ISO similar to 5692-1
D Ring drawbar eye D50 mm rigid (hitch ring) / DIN similar to 9678, ISO similar to 20019	E Standard drawbar eye D50 mm Truck drawbar eye / DIN similar to 74053, ISO similar to 1102	G Standard drawbar eye D40 mm Truck drawbar eye / 30 mm thick / DIN similar to 74054, ISO similar to 8755



# ADDITIONAL EQUIPMENT

Another standout feature of the LT-Master is its **silage additive dosing unit**. This additional equipment helps create the hygienic conditions necessary for the **processing** and **storing** of forage.



## DETAIL OF ADDITIONAL EQUIPMENT OPTIONS

### Silage additive dosing unit

Several factors are of decisive importance for achieving good ensiling results:

- The material's suitability for ensiling
- Compliance with the rules for ensiling (time to harvest and withering, cutting length, impact force of the ensiling chain, compression and exclusion of air)
- and the weather conditions

Unless all of these factors line up perfectly (e.g. on account of periods of poor weather conditions), silage additives are supposed to substantially improve the ensiling result as they help avoid noxious fermentation and reheating processes.

A self-sucking pump with filter and electronic flow meter is used to inject the silage additive directly into the bale chamber via two stainless steel nozzles. This ensures that the silage additive is distributed perfectly in the feed of the round bale. The automatic dosing unit is suitable for both lactic acid bacteria and minimally corrosive acids. Notice: no tank is included in the scope of delivery.

**Attention:** after use, the silage additive dosing unit must be rinsed with water on a daily basis.

### Silage additive tank

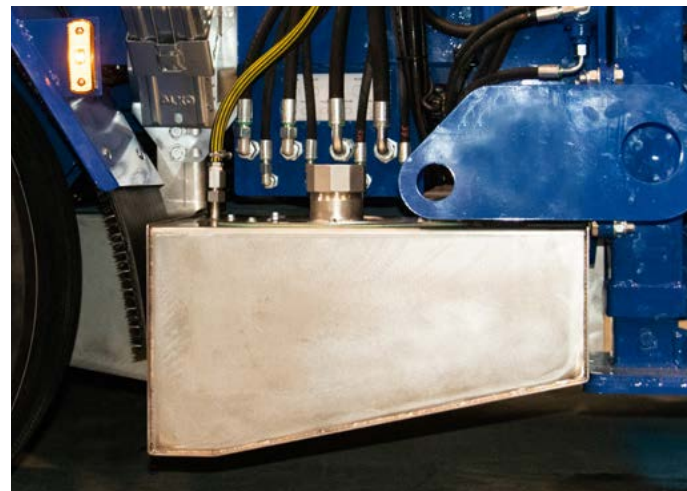
The 450 liter stainless steel tank is mounted directly to the machine and provides for complete emptying.



Pump with filter, inspection glass and electronic flow meter



Two nozzles with a 0.1 stainless steel design



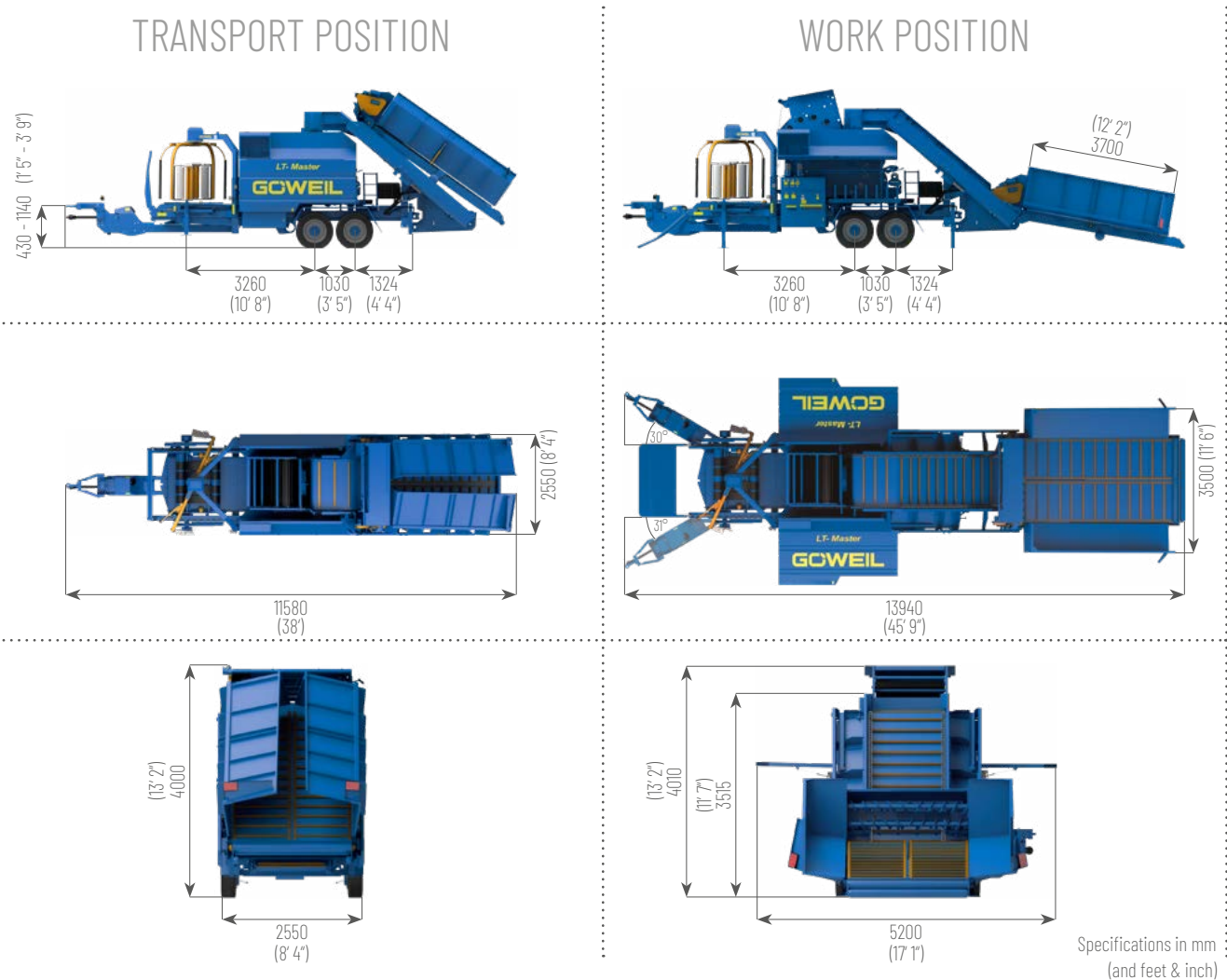
450 l silage additive tank



Display

# TECHNICAL DATA

The following shows the technical data for the basic model of the LT-Master – on the left, in **transport position**, on the right, in **work position** – at a glance:



Specifications in mm  
(and feet & inch)

TECHNICAL DATA	Transport position	Work position
Weight	15,930 kg (35,120 lbs)	
Length	11,580 mm (38')	13,940 mm (45' 9")
Width	2,550 mm (8' 4")	max. 5,200 mm (17' 1")
Height	4,000 mm (13' 2")	max. 4,010 mm (13' 2")
Round bale diameter	from 0.60 to 1.15 m (2' - 3' 9")	

POWER REQUIREMENT OF THE TOWING VEHICLE	
Oil requirement (pivoting drawbar)	10 l at 200 bar
Power requirement	at least 90 kW (120 hp)

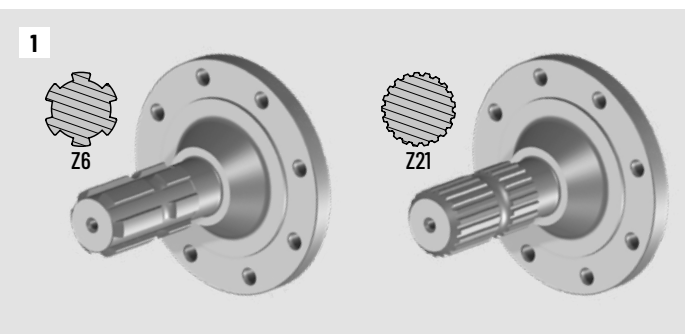


# REQUIRED CONNECTIONS

To ensure that the **operating sequence runs smoothly** between the tractor and the LT-Master baler-wrapper combination, we have prepared an overview of all **required connections**:

## IMAGE DESCRIPTION

- 1) Cardan shaft connection (Z6 or Z21)
- 2) ISOBUS outlet for the electrical system
- 3) Brake connection for the dual-line air brake system
- 4) Brake connection for the hydraulic 2-circuit brake system
- 5) 7-pin power outlet
- 6) Adapter for truck
- 7) ABS



## CONNECTIONS NECESSARY FOR OPERATION

- 1 double-acting and 1 single-acting control device for the pivoting drawbar
  - Cardan shaft connection: speed: 740 - 1000 | 1 3/8" Z6 or 1 3/8" Z21
  - ISOBUS outlet for the electrical supply to the machine
- A supply cable is included with the machine.**

## BRAKE CONNECTIONS

- Connections for dual-line air brake system or
- Connections for the hydraulic 2-circuit brake system

## TRANSPORT CONNECTIONS

- A 7-pin power outlet for the entire lighting system, excluding working headlights
- Adapter for truck: 24 V | 7-pin | 15-pin (optional)
- ABS

# SERVICE

Even the best machine is in need of regular **maintenance**. Our service team is available **24 hours a day - 7 days a week** to take care of your concerns. Whether on the phone, via email or for you on site. It is our goal to process your request as fast as possible so that you can get back to focusing on your work.



## GÖWEIL SERVICE

24 h a day - 7 days a week

SERVICE HOTLINE: +43 (0) 7215 / 2131-5

Languages: German, English

SERVICE EMAIL: [SERVICE@GOEWEL.COM](mailto:SERVICE@GOEWEL.COM)



### 24 H TELEPHONE SERVICE

You can reach us around the clock,  
whenever you need a reliable  
partner!



### ORIGINAL SPARE PARTS

We deliver your spare parts  
and wear parts within  
a very short time.



### TECHNICAL DOCUMENTATION

In our operating manuals you will  
find all the important information  
concerning your machine.



### TRAINED AND QUALIFIED PERSONNEL

Our exquisitely trained and qualified  
personnel are there to give you help  
and advice whenever you need it.



# GOWEIL

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