

GOWEIL

BALING & WRAPPING TECHNOLOGY

FOR INDUSTRIAL APPLICATIONS



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

Other core areas of the company's activities include **bale loosening and transport equipment, high dump 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 maker of machinery that is also suitable for instructional 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 Kirchsschlag (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

4 - 9

This machine allows for the baling and wrapping of various materials in one easy work step - and comes standard with the program control PROFI including radio remote control

SQUARE BALE WRAPPERS

G40 Q INDUSTRY

10 - 11

Wrapper with twin wrapping arm and program control PROFI including radio remote control that is capable of handling bales with a length of up to 2.00 meters

G30 Q INDUSTRY

12 - 13

Wrapper with single wrapping arm and program control PROFI including radio remote control that is capable of handling bales with a length of up to 1.60 meters

PALLET WRAPPER

G1010

14 - 15

Wrapper for transporting, wrapping and loading palletized goods that includes the program control PROFI with radio remote control

LT-MASTER

BALER-WRAPPER COMBINATION

GÖWEIL's LT-Master is THE baler-wrapper combination for round bales. Originally conceived for agriculture, the areas of application for the LT-Master have grown tremendously over the years. The machine makes it a breeze to shape finely chopped materials into perfectly pressed and wrapped round bales. The robust design and durability of the baler-wrapper combination speak volumes and have won over both contract harvesters and large agricultural and industrial businesses all over the world.



ADVANTAGES OF THE BALER-WRAPPER COMBINATION

HIGH COMPACTION:

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

DESIGN OF THE MACHINE:

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 mobile 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 LONG:

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

SOPHISTICATED BRAKE SYSTEM:

Customers can choose between a standard dual-line air brake system and a hydraulic brake system.

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.



IMAGE DESCRIPTION

- 1) Bales: RDF - solid waste material
- 2) Bales: Chopped brushwood
- 3) Bales: Carpet flakes
- 4) Bales: Sugar beet chips
- 5) Bales: Horse manure

MATERIALS SUITABLE FOR BALING

The LT-Master offers a quick and easy solution to the problem of having to store and transport various types of materials. The materials are chopped prior to baling. This procedure makes the round bales ideally suited for intermediate storage and allows for the space-saving transport of the bales. When pressed into a bale, the material will stay dry and clean.

The bales can be compacted within a range of 30% and 70% - depending on their size and the structure of the material.

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.

PLASTIC MATERIALS:

Films and solid remnants of plastic with a grain size of up to 50 mm

WOOD / WOOD CHIPS:

Wood shavings, wood chips, chopped brushwood, wood wool, bark mulch and sawdust

OTHER MATERIALS:

Grain, sugar beet chips, bagasse, miscanthus, horse manure, compost

HIGHLIGHTS



1 FEEDER / METERING UNIT

Low profile design:

Whether you use a dumper, push-off trailer or truck - the feeder with its width of 3.50 meters and its low profile design makes the filling process quick and easy.

Large capacity feeder:

The feeder provides a large buffer thanks to its volume of close to 13 m³. This large capacity prevents the LT-Master from coming to a standstill during loading.

Metering rollers and feed screws:

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

Metering unit:

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

Scraper floor chains:

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



CONTROL

Fully automatic program control PROFI

The execution of all work cycles is fully automatic



2 BALER

Fixed roller chamber:

The two halves of the forming chamber are embraced by a continuous endless belt. This minimizes disintegration losses. It is also possible to alter the tension of the belts hydraulically. This ensures that the baling process starts in a reliable manner and ends with a sound bale ejection.

High compression density:

The endless belt constantly subjects the material to a high degree of compression.

Long lifetime:

Large-size bearings in concert with a perfectly attuned lubrication system guarantee that 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 along the entire length of the machine's underside prevents disintegration losses as it catches any crumbs and feeds them back into 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.

Water injection:

For mixing water into dry materials during baling

3 WRAPPER

Mobile wrapping table:

The mobile wrapping table slides under the baler 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 film stretching unit. More bales per roll of film - that is the result of the patented plastic rollers.

Film monitoring unit and single-film operation:

When a film runs out or tears, the feed rate of the wrapping table is reduced until a 50% overlap is guaranteed again. This makes it possible to complete the wrapping process for the bale without interruption. If both films run out or tear, the film monitoring unit will terminate the wrapping process.

Bale delivery ramp:

A gentle bale drop is guaranteed by the hydraulically folding bale delivery ramp.

Automatic film cutting & holding system:

The stainless steel 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.

EQUIPMENT

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

Film binding combined with net binding

On-board hydraulic system with oil cooler

Hydraulic belt pre-tensioning

Refeed to prevent possible crumbling losses

Integrated feeder (working width 3.50 m)

Hydraulically actuated wrapping table

4 bale conveyor belts including belt guide and 2 bale guide rollers

Bale drop towards the front via hydraulic bale delivery ramp

Height-adjustable drawbar

Film stretching unit 500 mm and 750 mm 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) or hydraulic brake

Variable bale size (only for film binding)

Infinitely variable bale size from 0.60 - 1.15 m

Camera system

The four cameras are positioned such that they afford you a clear view of the top of the forming 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

Automatic central lubrication system for oil and grease

Fully automatic program control PROF1

The execution of all work cycles is fully automatic



IMAGE DESCRIPTION

- 1) The pressed bales are picked up by the mobile wrapping table and stretch-wrapped
- 2) The finely chopped material is transported to the sloping conveyor by the feeder
- 3) The display for the weighing system shows the exact bale weight
- 4) Printed label for weighing system
- 5) Bale delivery ramp with bale tipper
- 6) Electric drive with 90 kW - ideal for working with the LT-Master inside of halls

TECHNICAL DATA

TECHNICAL DATA	Transport position	Work position
Weight	15,930 kg	
Length	11,580 mm	13,940 mm
Width	2,550 mm	max. 5,200 mm
Height	4,000 mm	max. 4,010 mm
Round bale diameter	from 0.60 to 1.15 m	

ADDITIONAL EQUIPMENT

Rotating light

Electric drive

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

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

Customers can choose from a large selection of drawbar eye types

REQUIRED CONNECTIONS

- 1 double-acting and 1 single-acting control device for the pivoting drawbar
- 7-pin power outlet for the entire lighting system, excluding working headlights
- The included wiring harness is used to supply electricity to the machine
- Connection for electric motor: 400 V/50 Hz, CEE 125 A 740 rpm, protection class IP55

G4010 Q INDUSTRY

SQUARE BALE WRAPPER

The G4010 Q Industry is an ideal choice for wrapping square and round bales. It is used to wrap bales produced by industrial presses in film, making it possible to store the bales outdoors. Especially during times when the systems are inspected, the machine is an excellent option to temporarily store the garbage produced every day. The machine is capable of wrapping all common bale dimensions up to a bale length of 2 meters.



BASIC MODEL

Load sensing

Twin wrapping arm

Hydraulically tilting wrapping table with mechanical belt length adjustment

Wide, continuous bale conveyor belt with belt guide

Bale deposit to the left with the direction of travel

Combined film stretching unit 500 mm and 750 mm

Automatic film cutting and holding system

Film monitoring unit:
stops the wrapping process if film tears or runs out

Lift axle and hydraulic support foot

Storage for 16 rolls of film

Tires 380/55-17AW

Electro-hydraulic drive including 15.0 kW electric motor

Feed rate shut-off valve:
This ensures that the film will overlap accurately for rectangular bales

Light & indicator system

2 working headlights

Fully automatic program control PROF1 with radio remote control
The execution of all work cycles is fully automatic

Central lubricator

Support legs for easy transport by forklift



IMAGE DESCRIPTION

- 1) The wrapper in action at a waste disposal plant
- 2) Convenient removal by stacker
- 3) Stripping mat for waste falling off
- 4) 15.0 kW electric motor
- 5) Stripper brush to keep the machine clean

TECHNICAL DATA // basic model

Weight	3,110 kg
Length	6,790 mm
Width	2,410 mm
Height	3,530 - 3,710 mm varies with upper section position and lift axle
For all ball dimensions	from 0.80 x 0.80 m to 1.20 x 1.40 m
Single / double bales	with a length of up to 2.00 m
Round bale diameter	from 0.90 to 1.60 m
Bale weight round / square	max. 1,800 / 1,500 kg
Self-sufficient oil supply	

REQUIRED CONNECTIONS

- 3-pin power outlet for the electrical supply of the hand-held terminal (12 V/10 A)
- 7-pin power outlet for the entire lighting system, excluding working headlights
- Connection for electric motor: 400 V/50-60 Hz, CEE 32 A, protection class IP55

G3010 Q INDUSTRY

SQUARE BALE WRAPPER

In the same way as the G4010 Q Industry, the G3010 Q Industry can be used to wrap bales of all dimensions that are produced by common industrial presses. The length of the bales is limited to 1.60 meters.



BASIC MODEL

Single wrapping arm

Hydraulically tilting wrapping table with mechanical belt length adjustment

Wide, continuous conveyor belt with belt guide

Bale deposit to the right and the left

Combined film stretching unit 500 mm and 750 mm

Automatic film cutting & holding system

Film monitoring unit:
stops the wrapping process if film tears or runs out

Electro-hydraulic drive including 7.5 kW electric motor

Feed rate shut-off valve:
This ensures that the film will overlap accurately for rectangular bales

Three-point linkage Cat. II

Working headlight

Fully automatic program control PROF1 with radio remote control
The execution of all work cycles is fully automatic

Central lubricator

Support legs for easy transport by forklift



IMAGE DESCRIPTION

- 1) Loading the wrapper with a stacker
- 2) Bales can be deposited both on the right and the left side
- 3) The fully automatic program control PROFI with radio remote control - only the bale drop is controlled manually
- 4) The 7.5 kW electric motor and the central lubricator on the rear of the machine
- 5) The stripper brushes remove loose material from the conveyor belt

TECHNICAL DATA // basic model

Weight	950 kg
Length	3,000 mm
Width	1,640 mm
Height	2,750 mm
For all ball dimensions	from 0.80 x 0.80 m to 1.20 x 1.40 m
Single / double bales	with a length of up to 1.60 m
Round bale diameter	from 0.90 to 1.50 m
Bale weight round / square	max. 1,800 / 1,300 kg
Self-sufficient oil supply	

REQUIRED CONNECTIONS

- 3-pin power outlet for the electrical supply of the hand-held terminal (12 V/10 A)
- Connection for electric motor: 400 V/50-60 Hz, CEE 16 A, protection class IP55

G1010

PALLET WRAPPER

The G1010 pallet wrapper is the perfect device for transporting, wrapping and loading palletized goods. Its design has taken several clues from our tried-and-tested round bale wrapping technology. What is more, the wrapper comes with a wide selection of loader attachments.



BASIC MODEL

Load sensing

Can also be operated in conjunction with tractors without load sensing pump

Single wrapping arm

Hydraulically folding automatic film cutting and holding system

Film stretching unit combined

For film widths between 500 mm & 750 mm; the overlap can be adjusted as well

Hydraulically actuated film stretching unit

Height adjustment: 600 mm

Standardized fork tine mount: ISO 3B

Fork tine length: 1,400 mm

LED working headlight

Fully automatic program control PROFi

The execution of all work cycles is fully automatic

MOUNTING OPTIONS

Euro capture frame, Cat. I and Cat. II three-point linkage

Dieci, Amkodor, Manitou, JCB Q-Fit, JCB 515-40 Q-Fit, Weidemann hydraulic, Kramer, Schäffer up to 3550, Schäffer 3550T or higher, Atlas, Claas Scorpion, Zettelmeyer 602, Volvo BM, CAT 907H/Liebherr L507, Liebherr L514, Faresin, Fauchoux, Bobcat, SMS, MX

Other mounting options available on request

1



2



3



4



5



IMAGE DESCRIPTION

- 1) The lateral arrangement of the upper section provides a clear view of the palletized goods and the direction of travel at all times
- 2) Hydraulically folding automatic film cutting and holding system
- 3) The option to load a trailer comes in particularly handy
- 4) The hydraulically actuated film stretching unit provides for uniform stretch-wrapping of the palletized goods
- 5) The wrapper is equipped with the program control PROFI including radio remote control

ADDITIONAL EQUIPMENT

Radio remote control

Required connection: 3-pin power outlet for the electrical supply of the hand-held terminal (12 V/10 A)

Film monitoring unit

Stops the wrapping process if film tears or runs out

Fork tine length: 2,200 mm

Extra charge added to fork tines 1,400 mm (basic model)

Battery supply cable 5.3 meters 2 x 6 mm² with 3-pin power outlet

Camera system

For a better overview in the area of the fork tines and film cutter

Required connection: 12 volt hybrid connector DIN ISO 4165

Splash guard

Especially for operation with wheel loader or telescopic loader

TECHNICAL DATA // basic model

Weight (without fork tines)	608 kg
Length (without fork tines)	2,000 mm
Width	1,400 mm
Height	2,240 mm
Maximum pallet size	1,350 x 1,350 mm
Maximum pallet height	1,700 mm
Oil requirement	starting at 25 L/min.
Pallet weight	up to 2,000 kg

REQUIRED CONNECTIONS

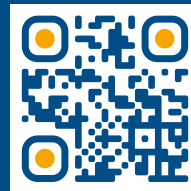
- One pressure connection and one depressurized return for the supply of the wrapper
- Load Sensing connection (required for LS mode only)
- 3-pin power outlet for the electrical supply including direct supply line to the battery (12 V/30 A) – cable cross-section 2 x 6 mm²

GOWEIL

GÖWEIL Maschinenbau GmbH

Davidschlag 11, 4202 Kirchsschlag // AUSTRIA
Tel.: +43 (0) 7215 2131-0 // Fax.: +43 (0) 7215 2131-9

office@goeweil.com // www.goeweil.com



SCAN
ME

86,00639B // EN