GOWEIL

ROUND BALER G-1$_{F125}$

BALER-WRAPPER COMBINATION G-1$_{F125}$ KOMBI

GÖWEIL

MASCHINENBAU GMBH

The name Göweil has been synonymous with the highest quality **product range in the bale wrapping and baling technology sector since 1988**. Other core areas include the manufacture of **bale opening and transport devices, high lift buckets as well as blade sharpeners.**

Company locations in Kirchschlag (above) and Rainbach (below)

MECHANICAL ENGINEERING AT THE HIGHEST LEVEL

Professional solutions for the agro-industrial sector

As an exceptionally high portion of its products are exported, GÖWEIL machines have become renowned and are widely used throughout the world.
The company originally specialized in the production of agricultural machines, but its machines are now also available for industrial use.

GÖWEIL is characterized by the following four values:

QUALITY.

EFFICIENCY.

By constantly refining our product range, we able to supply cutting-edge solutions that offer premium quality and superior efficiency.

KNOW-HOW.

Years of experience, as well as close cooperation between design and manufacturing, are the keys to our well-thought-out solutions.

SERVICE.

Even the best machine needs maintenance. Our service team is there for you and will take care of your request.

OUR SOLUTIONS:

ROUND BALER AND BALER-WRAPPER COMBINATION

G-1F125 AND G-1F125 KOMBI

THE NEW GENERATION

The **G-1F125** round baler and the **G-1F125 Kombi** baler-wrapper combination have been **updated**: The first-generation machines were already **professional-grade equipment** that packed a punch, but as life shows, GÖWEIL has been able to make some optimizations here too and presents the new generation with many impressive features:

EXCELLENT WORK

The close cooperation between GÖWEIL and its customers has shown the circumstances and conditions under which the machines are used. More extreme weather conditions are prevailing, with changeable conditions between heavy rainfall and long dry periods. This has a real-knock on effect on the harvesting conditions.
GÖWEIL has done a really good job here and has developed a round baler for all possible applications - be it silage, hay or straw - dry or wet - the round baler is equipped to handle any situation.

THE DESIGNS

GÖWEIL offers two versions of the fixed chamber baler with a bale diameter of 125 centimeters

- **Round baler: G-1F125**
- **Baler-wrapper combination: G-1F125 Kombi**

TRIED-AND-TESTED REMAINS UNCHANGED

The usual features remain unchanged: The cutting quality of the G-1F125 remains unrivaled. The 30 double-edged knives achieve a cutting length of only 35 mm, while GÖWEIL remains the only manufacturer in the world with a dual binding unit. Net and film can be inserted at the same time. The type of binding is hereby easily selected via the ISOBUS terminal. If two rolls of net or film are inserted, the binding time is halved.
On slopes, GÖWEIL delivers a top-class performance with the hydraulically powered drive axle. Work takes place in steep areas with maximum safety and the highest possible comfort.

THE HIGHLIGHTS AT A GLANCE

Large tires for reduced pressure on the ground

The baler-wrapper combination is equipped as standard with large tires: 560/45-R22.5 Flotation Trac tires by Vredestein. The weight is evenly distributed and the ground loading on the field is considerably reduced. Work on very soft ground conditions is significantly improved.
For extreme conditions, two wider wheel versions are optionally available.

Easy operation via ISOBUS

GÖWEIL offers the new baling generation as standard with ISOBUS. The control system is clearly laid out, easy to operate and shows all important information on the display. GÖWEIL offers their own ISOBUS terminals - but the machines are of course compatible with all other ISOBUS-capable terminals.

Closed net/film storage with increased storage space

The design of the machine impresses with its look and functionality. The closed film storage is hydraulically foldable and has space for 14 rolls of wrapping film and two rolls of wide film or net. These are well protected in all weather and against damage.

Better performance

The new generation drive system of the baler is significantly reinforced by even larger chains. This increases the service life significantly and keeps the operating costs to a minimum.

Perfect flow of materials

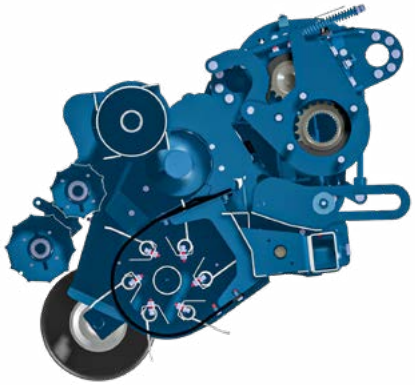
The feed system enables optimum feed intake even in difficult harvesting conditions. However, if blockages should occur in the pick-up, the automatic unblocking system fixes the issue.
The built-in 6-star rotor ensures that the baler achieves greater displacement. The newly developed starter roller in the bale chamber ensures optimum bale turning and a reliable bale start, even with dry material. In addition, it supports the flow of material from the rotor into the bale chamber.

EU type-approval

Both the round baler and the baler-wrapper combination are homologated and are therefore approved for road use throughout Europe.

PICK-UP

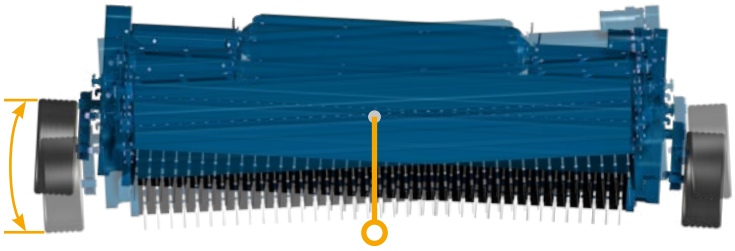
A tightly compressed round bale starts with the clean uptake of the forage:
The pendulum suspension ensures that the 6-row swivel pick-up delivers **maximum conveyance capacity, unbeatable ground adaptation** and is capable of absorbing even the **largest swaths** without a hitch.



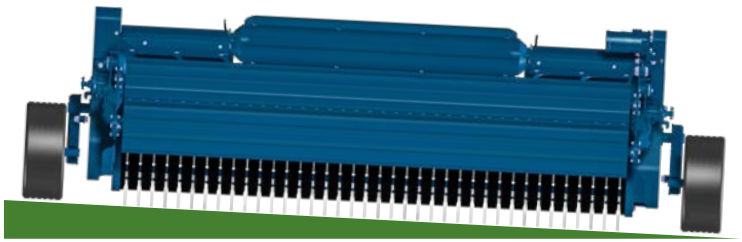
SWIVEL PICK-UP

The central suspension creates a swivel range of 150 mm. This ensures optimum ground adaptation and compensates for any unevenness in the terrain with perfect ease.

Doing without a cam track, the swivel pick-up with a DIN rake width of 2.20 m and the large dosing rollers on the sides guarantee an optimum flow of material to the rotor. Arranged with a spacing of 51 mm across six rows, the tines deliver first-rate raking performance even when handling the widest swaths.



Central suspension



150 mm swivel range

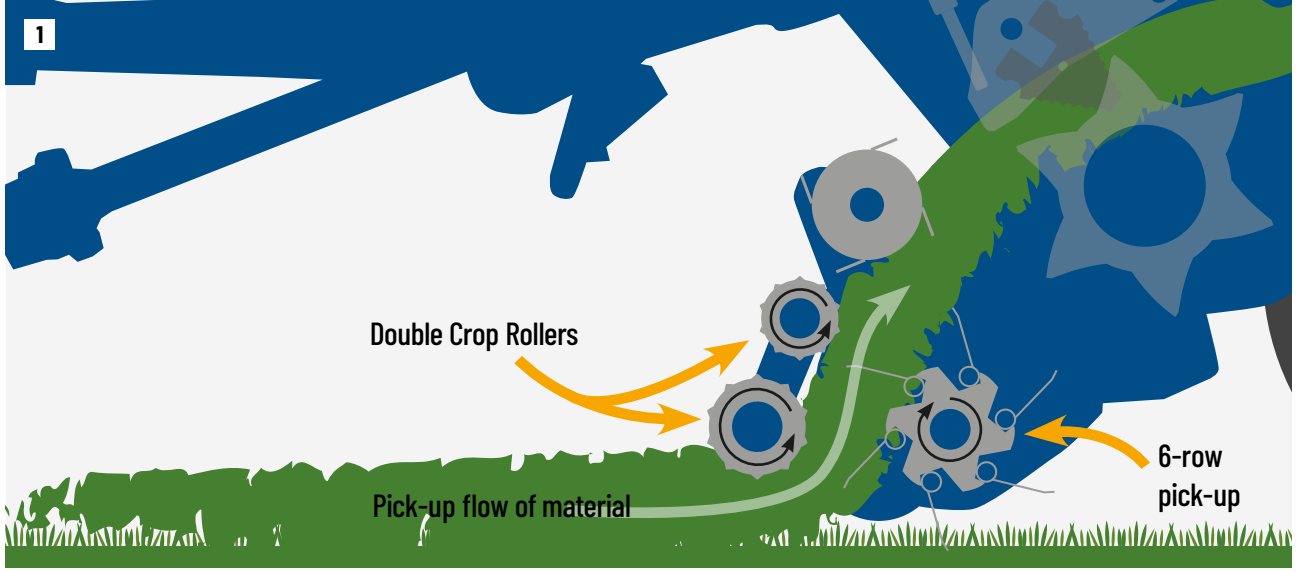


IMAGE DESCRIPTION

1) Flow of material of the swivel pick-up
2) Plastic strippers and tines
3) The pick-up during the feed intake

PLASTIC STRIPPERS

The plastic strippers are a unique feature. These strippers withstand a great amount of stress, will not bend when they collide with foreign objects, and are indestructible. The advantageous stripping effect of the tines also improves the crop flow.

DOUBLE CROP ROLLERS

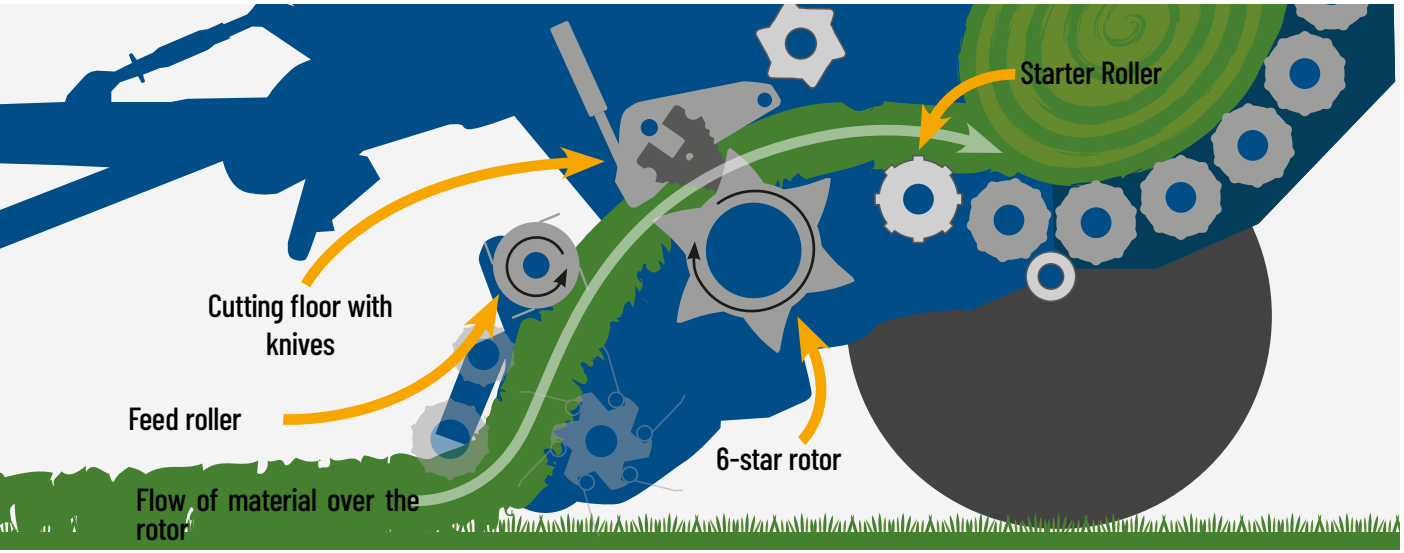
The standard double crop rollers with new suspension increase the material flow even when dealing with uneven swaths and fill the bale chamber in a continuous and uniform manner.

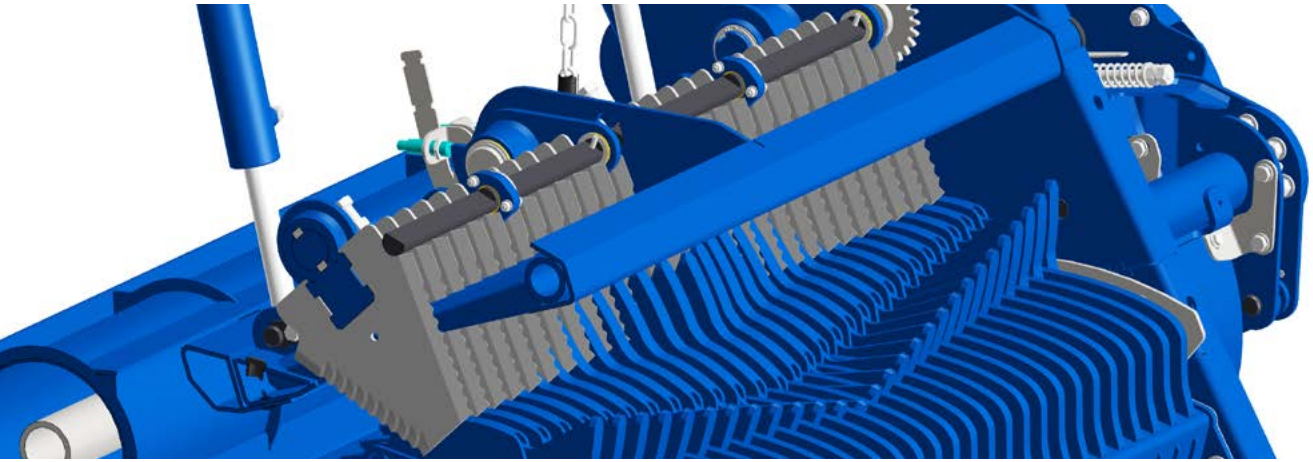
SMOOTH RUNNING TOUCH WHEELS

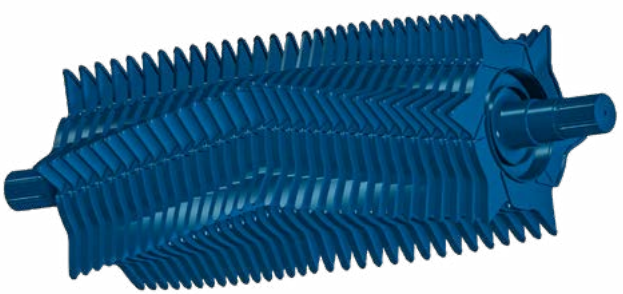
The pneumatic touch wheels work in perfect harmony with the swivel pick-up and are particularly smooth running. The height of the touch wheels can be adjusted quickly and easily thanks to the adjusting plates, eliminating the need for any tools. Swivel touch wheels are also available as an option.

INFEED

Short and precisely cut feed is the basis for the production of high-energy and **high-quality silage**. The flow of material goes its own way with the GÖWEIL baler – namely, via the rotor. The infeed system guarantees **optimum feed intake** in all harvesting conditions.







ONE ROTOR FOR ALL HARVESTING CONDITIONS

A 6-star rotor with huge absorption capacity is at the heart of the infeed system. Having a diameter of 570 mm and welded-on HARDOX rotor tines, the rotor cuts cleanly and conveys not only large, dry swaths into the bale chamber but also swaths where the feed is short and still wet.
A mechanically powered feed roller, located in front of the rotor, ensures that the baled material is precompressed with outstanding efficiency, thereby increasing the throughput. The start roller in the bale chamber ensures optimum bale turning and reliable starting.

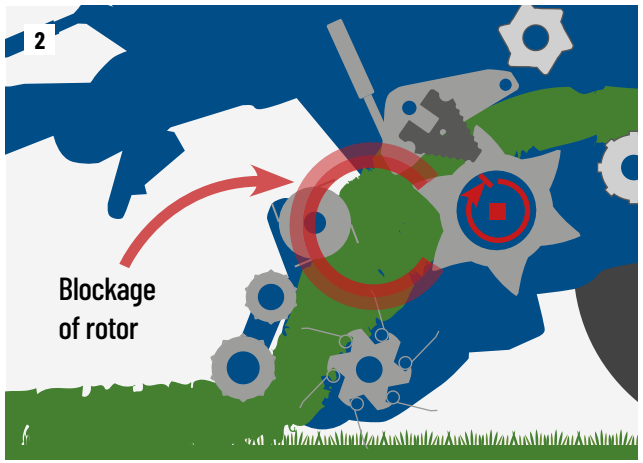
PERFECT FLOW OF MATERIALS

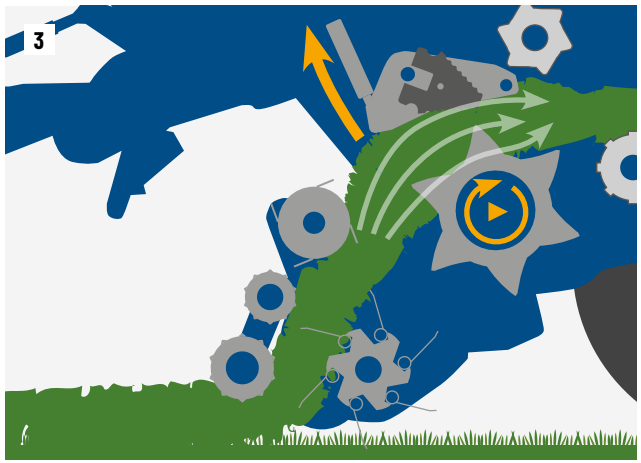
The rotational direction of the G-1F125 rotor is upwards, with this movement guiding the baled material over the rotor through the cutting floor into the bale chamber.

THE CUTTING UNIT

Since the cutting floor and knife are above the rotor, the knives can be easily changed from the front without any tools; an advantage that is particularly beneficial in baler-wrapper combinations. The cutting floor is fitted with 30 twin-blade knives and makes it possible to achieve a cutting length of 35 mm, while the narrow spacing between the rotor tines and knives ensures that the feed is chopped with pristine accuracy. The spare knife holder can carry up to 30 additional knives, or the number of knives used can be changed as needed. Hydraulic blade protection guards the knives against foreign objects and moves them immediately back into their cutting position.


Double-edged reversible knife





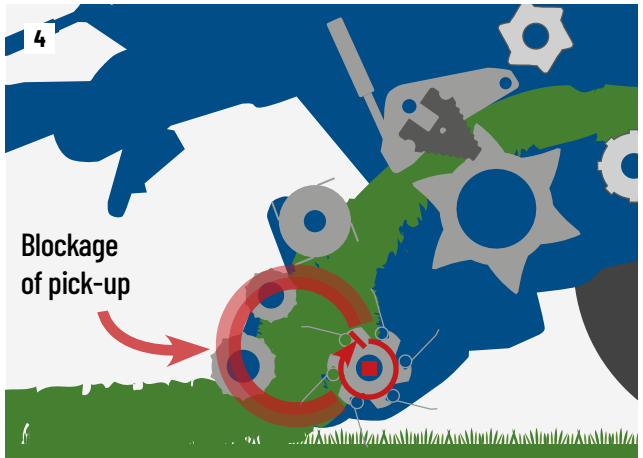


IMAGE DESCRIPTION

1) Fully automatic clearing of a blockage
2) Rotor blockage
3) Clearing of rotor blockage
4) Pick-up blockage
5) Clearing of pick-up blockage

AUTO FLOW CONTROL (AFC)

The AFC (Auto Flow Control) monitors the whole flow of material and intervenes fully automatically as soon as there is a problem or blockage. Blockages in the rotor or pick-up are cleared quickly and easily!
And this is how it works:

CLEARING A ROTOR BLOCKAGE:

If the feed intake is not large enough for the quantity of feed being delivered, the rotor's overload protection trips. The hydraulic cutting floor opens towards the top and the knives fold back.
When the rotor starts up again, the excess baled material is guided unobstructed into the bale chamber. The cutting floor and knives return to the original position and the feed pick-up resumes unimpeded.

CLEARING A PICK-UP BLOCKAGE:

If too much feed is collected during pick-up, the overload protection also trips. The mechanically powered feed roller is hydraulically powered for a short time and helps convey the material unimpeded. At the same time as the feed roller, the cutting floor also pivots upwards and the baled material is conveyed directly into the bale chamber.

Simple, practical and fully automatic!

Split-drive with overload protection

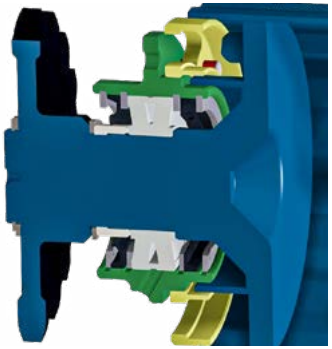
BALE CHAMBER

At the core of the machine is the **bale chamber**, which offers a size of 1.20 x 1.25 m and **18 solid bale chamber rollers**. The 4 mm thick steel rolls are reinforced on the inside; the ribbing ensures **optimal bale density** and **secure rotation** of the bale.

BALE CHAMBER ROLLERS & MORE

Two feed rollers with a shaft diameter of 65 mm, and the additional roller shafts with a diameter of 60 mm run continuously on double-row pendulum roller bearings and provide excellent stability and an exceptionally long service life. A special labyrinth prevents dust and dirt from penetrating the bearings.

Double-row pendulum roller bearing

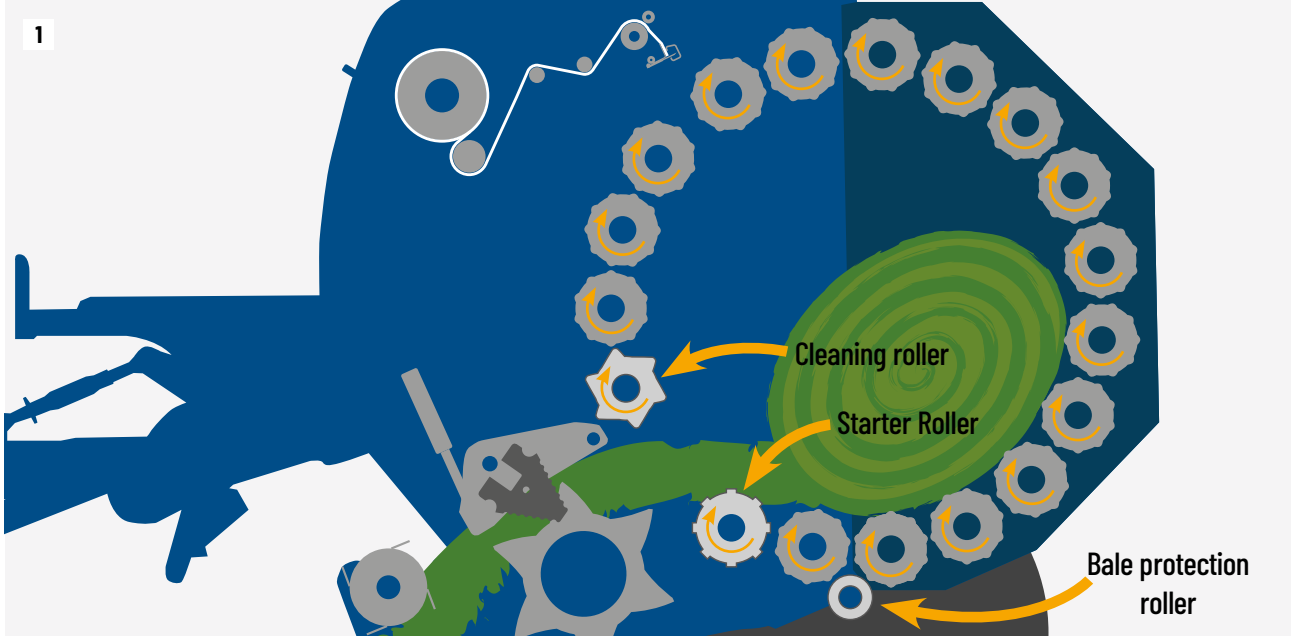


Bearing labyrinth

STARTER & CLEANER ROLLER

Directly behind the rotor, the starter roller with a special profile ensures optimum bale turning and a reliable bale start – be it with silage, hay or straw.

A cleaner roller guides falling material back into the bale chamber, keeping the machine clean.



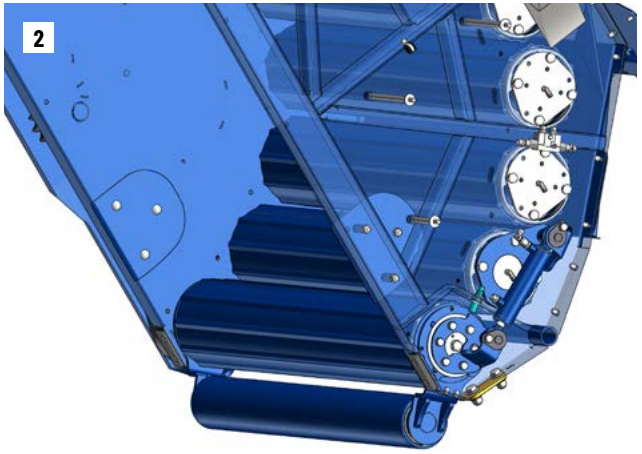


IMAGE DESCRIPTION

1) The rollers in the bale chamber
2) Tailgate with bale protection roller
3) Bale delivery ramp
4) Bale catcher
5) Silage additive dosing

TAILGATE

The tailgate opens and closes with the help of two hydraulic cylinders. The process can be completed automatically or manually, depending on the program setting.

BALE PROTECTION ROLLER

The bale protection roller prevents the wide film-wrapped bale against being damaged during bale ejection from the bale chamber. In addition, the bale protection roller catches the round bale during the bale transfer on steep slopes.

OPTION: BALE DELIVERY RAMP

The optional bale delivery ramp can be used to deposit the bale outside the pivoting range of the tailgate. Resetting the machine is not necessary.

OPTION: BALE CATCHER

The patented bale catcher enables the fully automatic catching of the bale, thereby preventing the bale from rolling away in an uncontrolled manner when it is deposited on steep slopes. When the bale exits the bale chamber, it does not need to be held back manually by the tailgate to prevent it from rolling away.

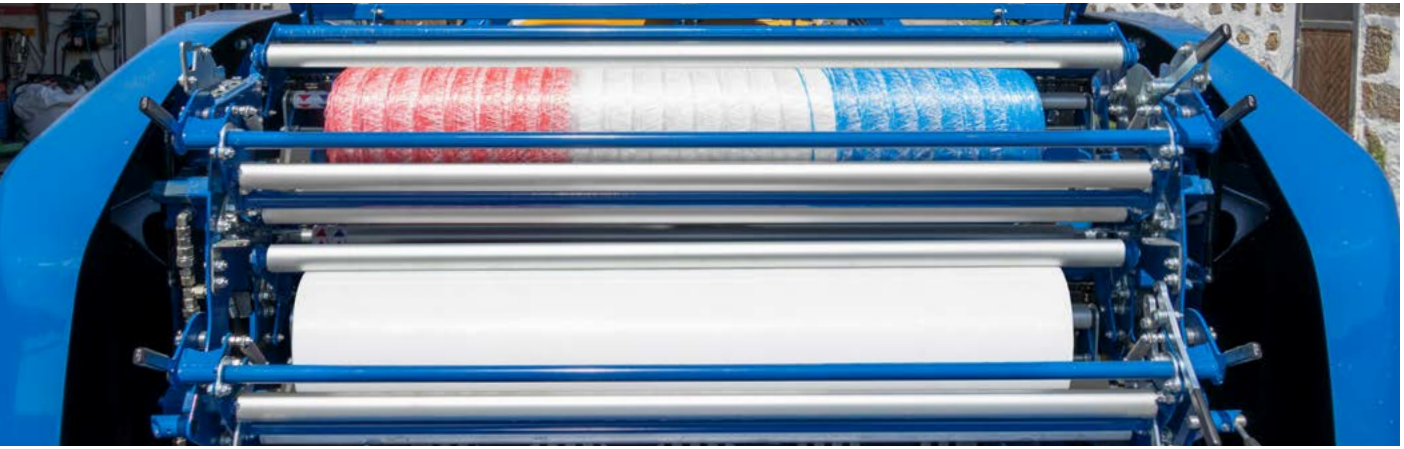
OPTION: SILAGE ADDITIVE DOSING

Two spray nozzles are used to enrich the silage with lactic acid bacteria in the dosing unit and improve the quality.
Silage additive dosing can be calibrated for various viscous acids. A sight glass and a display enable the driver to have an overview of the quantity.

Consists of: Dosistar control unit, pump with filter, electronic flow meter, various nozzles, tank (100 l)

NET AND FILM BINDING UNIT

There are **several binding system versions** for the G-1F125 round baler and baler-wrapper combination. Depending on the machine type, either a **net binding unit** or a **combined net and film binding unit** is installed, while there is also a **dual binding unit for net and film**. For film binding, feed rollers can of course also be inserted.



FILM BINDING UNIT

INFO

The use of wide film offers considerable advantages for improving the quality of the silage:

- Wide film produces bales that are more compact, keep their shape, and are better protected by the film layers. The film also provides an additional oxygen barrier and
- the bales are easier to open and recycle because the wide film and wrapping film can be disposed of together.

Common wide films and nets with a width of up to 1.50 m can be inserted. Binding can be started automatically or manually. The hydraulically adjustable brake roller ensures that the bale is wrapped tightly during net and film binding. The brake pressures and the number of layers can be set directly using the program control.

TWICE THE BINDING - IN HALF THE TIME

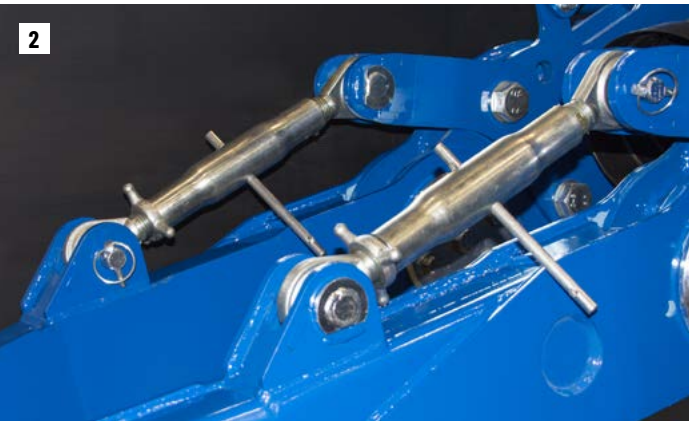
Equipped with the world's first dual binding unit, the G-1F125 sets new standards for round balers. With the optional binding system, the finished bale is simultaneously wrapped in two nets or wide films. The result: Both the time required for binding the bale and for changing the net, or film, are cut in half! This time saving is a great relief especially on the busy days of the harvest. If it is necessary to alternate between silage, hay or straw bales on the same day, there is the option of using the dual binding unit as a single binding unit. In this case, the dual binding unit is loaded with one net roll and one film roll. The ISOBUS terminal is used to select one binding unit for net binding or the other unit for film binding. Changing the film or the net does not cause any unnecessary idle time.

Film-wrapped silage bale

Net-wrapped straw bales

DRAWBAR

The GÖWEIL G-1 can be equipped with three different **drawbar options**:



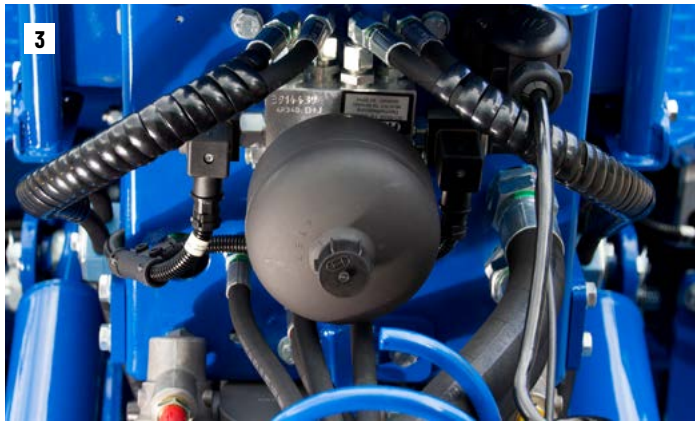


IMAGE DESCRIPTION

1) Hydraulic articulated drawbar
2) Fixed drawbar
3) Nitrogen reservoir for suspension

FIXED DRAWBAR

GÖWEIL offers a mechanically adjustable drawbar as standard

HYDRAULIC ARTICULATED DRAWBAR

Customers can also choose to have the G-1 equipped with a hydraulic articulated drawbar and two double-acting cylinders. This is particularly useful on steep field entrances, and it protects the pick-up.

HYDRAULIC ARTICULATED DRAWBAR WITH SUSPENSION

A further additional equipment item is the hydraulic articulated drawbar with suspension. The nitrogen reservoir ensures the operator has an exceptionally smooth ride.

DRIVE AXLE

The drive axle is available as additional equipment and is especially handy on **steep slopes**. Powerful and **gentle on the soil** while going uphill, the **brake effect** also provides protection going downhill. Meanwhile the driver is free to focus entirely on the task at hand.

DRIVE AXLE

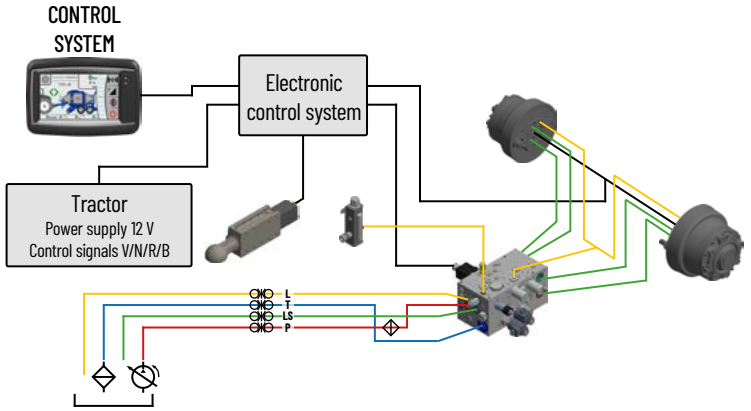
The drive axle offers maximum safety and optimum comfort on any slope, uphill and downhill.

The sensors in the drawbar control the drive, neutral, and brake operating states fully independently, allowing the driver to focus entirely on the task at hand, knowing that the system offers maximum traction whilst being gentle on the soil. A clear terminal provides the driver with the latest information on all relevant parameters.

The drive is powered hydraulically via two wheel hub motors. Switching between forwards and reverse takes place automatically via a signal from the tractor. The power transferred to the drive for first and second gear, is controlled via a terminal.

When traveling downhill - be it backwards or forwards - the drive automatically switches from drive mode to hydrostatic brake mode. To ensure that the wheels do not lock, the speed of both drive wheels is monitored and automatically adjusted. The wheels are therefore always moving (ABS) when traveling downhill.

When traveling on roads, the wheel hub motors are automatically enabled and switch to freewheel (no mechanical resistance).



CHASSIS & TIRES

Wide tires **protect the turf**, leave behind hardly any tracks and apply the **lowest possible pressure to the ground**. GÖWEIL offers the following chassis and tires for the round baler and baler-wrapper combination:

UNWAVERING HANDLING

The sturdy design of the axles of the baler and baler-wrapper combination offer perfectly smooth and stable handling both during road travel up to 40 km/h, and during work in a field in slope positions.

G-1F125 WITH LARGE TIRES

The smooth handling characteristics of the G-1F125 are also supported by the large 500/60-R22.5 Flotation Trac tires fitted as standard. Customers can also choose tires in sizes:

- 600/50-R22.5 Flotation Trac or
- 710/40-R22.5 Flotation Trac.

Included in the set of additional oversized tires are warning signs as required by law.

G-1F125 KOMBI WITH TANDEM AXLE CHASSIS

Larger wheel-and-tire assemblies for reduced pressure on the ground

GÖWEIL also uses large wheel-and-tire assemblies for the baler-wrapper combination and fits 560/45-R22.5 Flotation Trac tires from Vredestein as standard. The weight is distributed evenly, and the ground loading on the field is considerably reduced. Work on very soft ground conditions is hereby significantly improved. In spite of the wider tires, GÖWEIL has kept its vehicle width of 3.0 m.

GÖWEIL can offer even wider tires for extreme conditions, whereby wheel-and-tire assemblies in sizes 650/40-R22.5 and 710/35-R22.5 are installed. The vehicle width is increased to 3.15 or 3.29 meters respectively.

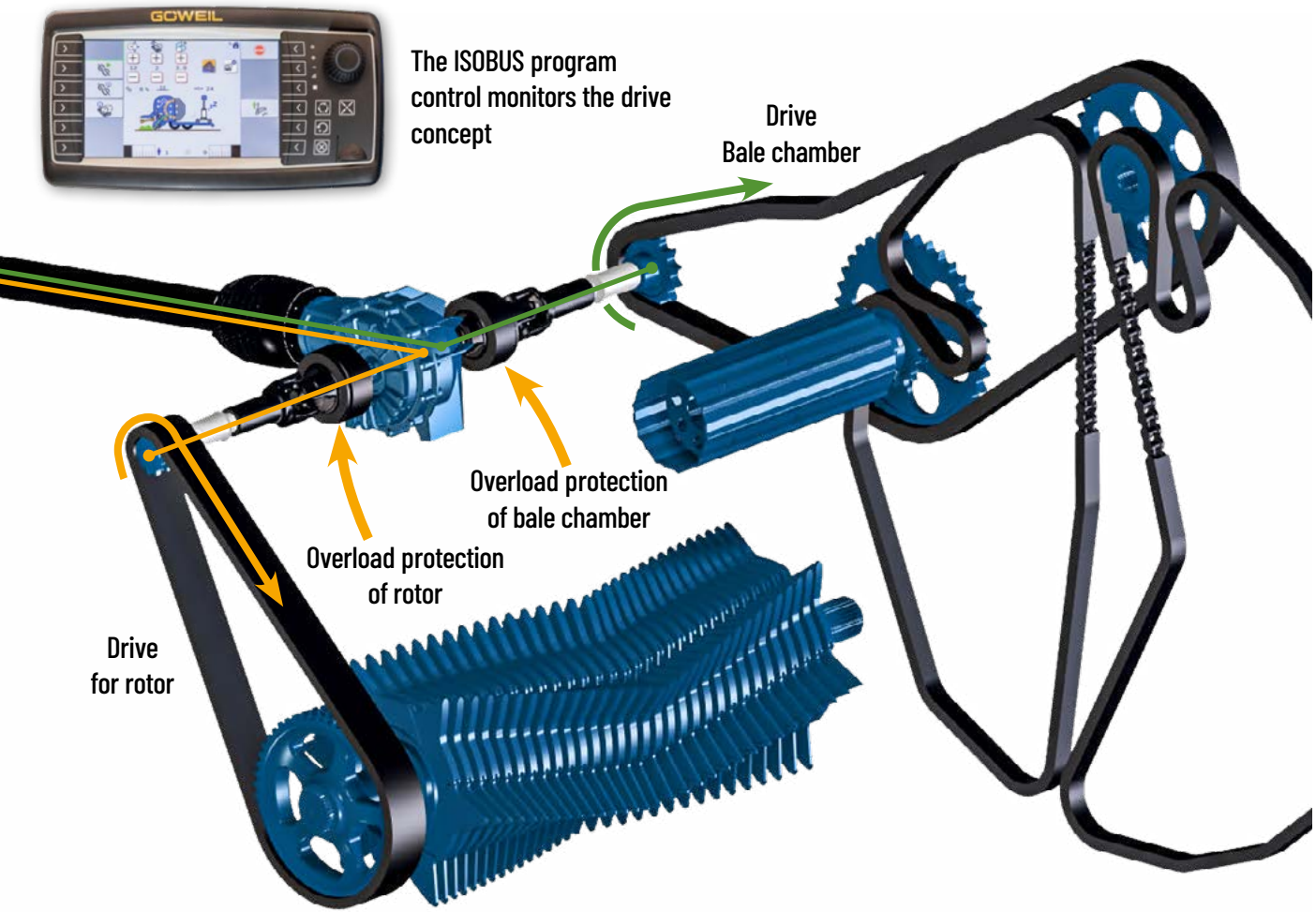
BRAKE SYSTEMS

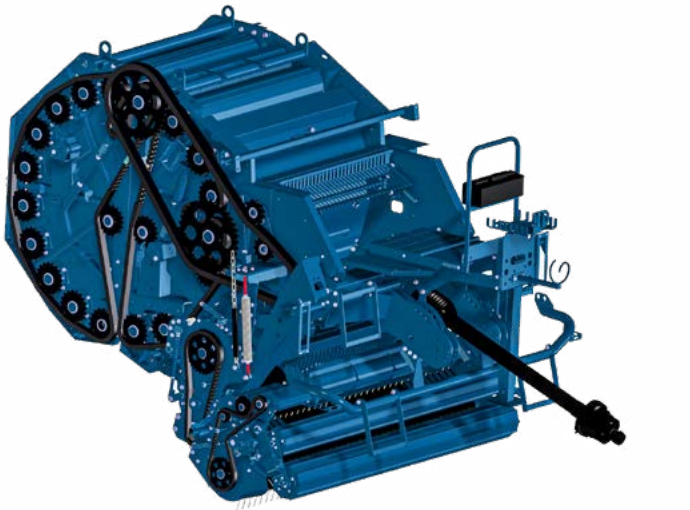
GÖWEIL offers two different brake systems:

- Dual-line air brake system
- Optional: Hydraulic dual-line brake system with emergency brake valve and pressure accumulator

DRIVE

To allow the machine to withstand even the **most arduous applications** under tough harvest conditions, the G-1F125 has been equipped with a rugged and well-engineered **drive concept**:





Rotor and pick-up drive concept

ONE DRIVE CONCEPT TO HANDLE EVERYTHING

GÖWEIL's split drive concept ensures the smooth operation of the "Auto Flow Control" (AFC) and guarantees a particularly high throughput.

No downtime!

The power transferred by the PTO shaft to the main gearbox is spread across the roller chains of rotor and pick-up and bale chamber and individually safeguarded by two cam-type clutches. The clutches are monitored by the ISOBUS program control.

When the cam-type clutch of the rotor responds to an excess quantity of feed in the conveying duct, the hydraulic cutting floor opens fully automatically. When the rotor starts up again, the excess feed flows unobstructed into the bale chamber. The cutting floor closes again automatically and the baling process resumes unimpeded.

When the cam-type clutch responsible for the bale chamber trips, the tailgate opens automatically by a few centimeters and the bale can be started and bound unimpeded.

GÖWEIL's drive concept guarantees a smooth work flow.

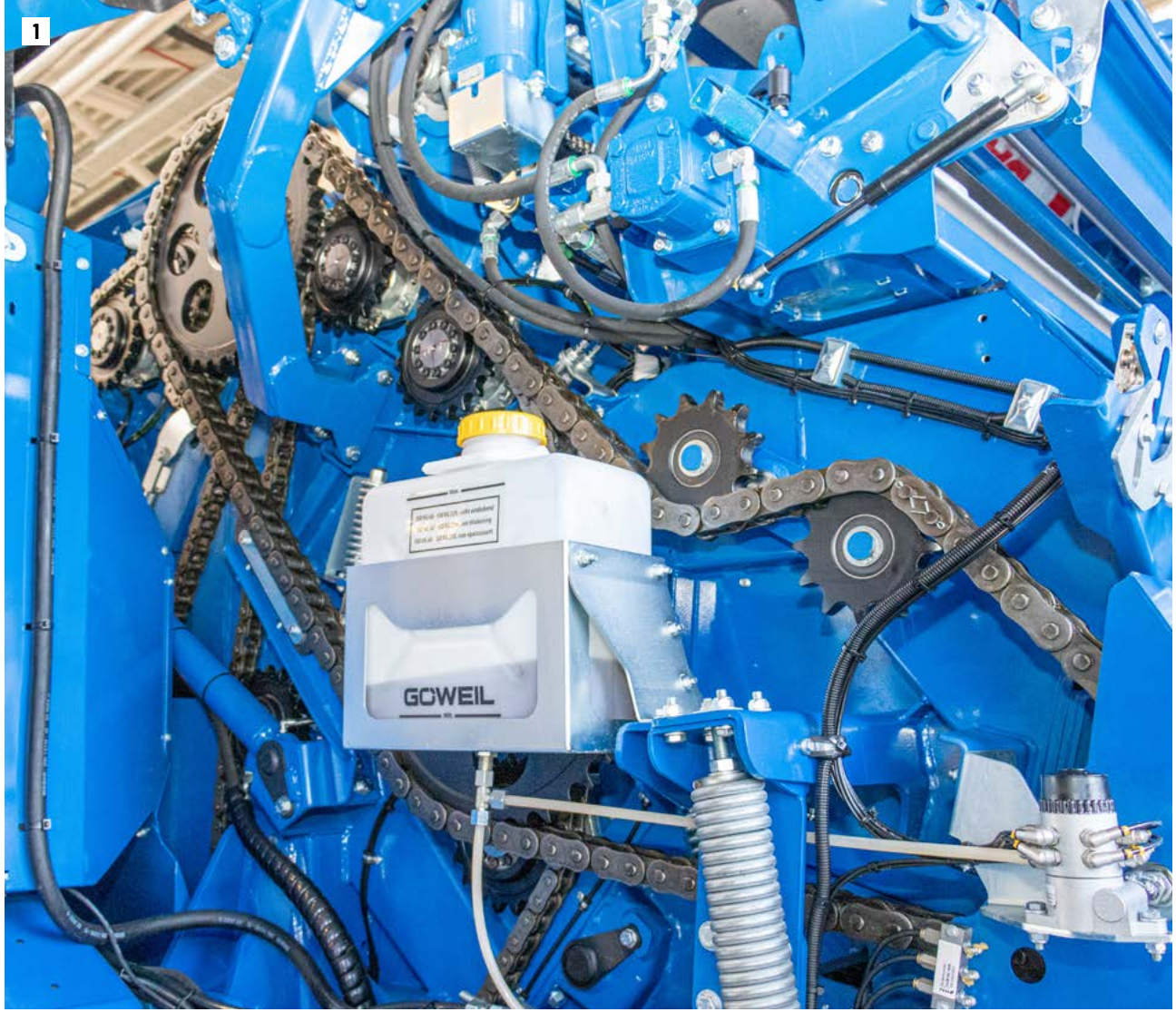


IMAGE DESCRIPTION

1) Drive side of bale chamber
2) Reinforced roller chains increase the service life considerably
3) Rotor: 80 HSP Triplex chain

EXCLUSIVE GOWEIL

TOP PERFORMANCE BY HIGH-STRENGTH ROLLER CHAINS

High-quality components are an essential prerequisite for the drive concept's smooth and trouble-free operation. For the main drive, and the drive of the pick-up and rotor, even larger chains are used in the new generation machines, to significantly reinforce the drive system. This increases the service life significantly and keeps the operating costs to a minimum.

ROBUST ROLLER BEARINGS

All bale chamber rollers are fitted with robust and durable double-row pendulum roller bearings with a diameter of 60 mm. Additionally, the two feed rollers are equipped with 65 mm bearings.

ISOBUS CONTROL SYSTEM

Isobus is an internationally standardized protocol, which is responsible for **communication** between tractor and attachments. Data is displayed in real-time on the terminal in the tractor, and the machine is **monitored** and **controlled** from here. A standardized plug and socket connector system means that only one terminal is needed for various attachments.

7.0" PROFI plus L terminal

4.3" PROFI plus S terminal

HIGHLIGHTS GÖWEIL

ISOBUS

GÖWEIL offers the balers as standard with ISOBUS program control. The new control system is clearly laid out and easy to operate. In addition, all important information is visible on the display. The camera system provides a clear overview of the work flow and machine.

Two GÖWEIL terminals are available as an option:

- 4.3" PROFI plus S terminal with 8 buttons and encoder (rotary & pressure switch)
- 7.0" PROFI plus L terminal with 12 buttons and encoder (rotary & pressure switch)

The machines are of course also compatible with all other ISOBUS-capable terminals. For tractors without ISOBUS, there is an optional cable harness for the ISOBUS-capable power supply.

ISOBUS controls and checks the entire work flow in fully automatic fashion. The clearly arranged display informs the driver informed about all process steps performed by the machine. All process steps required of the machine can also be controlled manually – quickly and easily – via the terminal.

With the G-1F125 Kombi, the new control panel with push buttons is especially handy when the wrapper requires maintenance and servicing. The key functions can therefore be controlled directly on the machine.

Control panel with push buttons

MAINTENANCE

The standard **automatic central lubrication system** is designed for absolute **ease of maintenance** and ensures a **long service life** for the machine.

IMAGE DESCRIPTION

1) Grease tank for central lubrication
2) Large container for oil
3) Brushes for oil distribution

MAINTENANCE-FREE THANKS TO CENTRAL LUBRICATION

The fully automatic grease lubrication is used to supply sufficient lubrication to all bearings of the rollers and rotor. The oil lubricator provides a constant supply of oil to all chains on the bale chamber, rotor and pick-up. Brushes spread the oil evenly across the chains.

SUFFICIENT SUPPLY

The large reservoirs for grease and oil provide for long service life intervals.

BALING & WRAPPING TECHNOLOGY

The G-1F125 Kombi simultaneously combines the **baling** and **wrapping** steps in a single machine. This has revolutionized the baling & wrapping technology and introduced **numerous advantages**:

THE ADVANTAGES AT A GLANCE

Time-saving

The high throughput and impact force of the baler-wrapper combination cuts down the time required for work on the field significantly. Features such as the dual binding unit, Auto Flow Control or central lubrication are convenient and save a lot of time!

Cost-saving

The baler-wrapper combination reduces the cost of personnel and machinery to minimum.

Top quality

The round bales are wrapped in a perfectly clean manner and within an extraordinarily short period of time. The rapid exclusion of air - in conjunction with wide film - guarantees the optimum conditions for the fermentation of the feed, while also ensuring perfect preservation and exceptional feed quality!

Professional

The G-1F125 Kombi is a machine designed for highly professional applications and, as such, the perfect choice for large businesses and contract harvesters, be it for bales of silage, hay or straw!

Functional design

HIGHLIGHTS GOWEIL

The overhauled design of the G-1F125 Kombi impresses with its look and functionality. The closed film storage is hydraulically foldable and has space for 14 rolls of wrapping film and 2 rolls of wide film or net. The rolls are well protected in all weather and against damage.

IMAGE DESCRIPTION

1) G-1$_{F125}$ Kombi at work
2) Feed intake of pick-up
3) Reliable bale transfer
4) Wrapping process with twin wrapping arm
5) Gentle bale deposit

The key feature of a baler-wrapper combination is the perfect interplay of the machine – from the feed intake to the bale deposit. When it comes to these features especially, the G-1$_{F125}$ Kombi is one step ahead of everyone else:

FEED PICK-UP

The feed is scooped up cleanly by the pick-up of the baler and shaped into a bale in the bale chamber.

BALE TRANSFER

Direct bale transfer: quick, clean and straightforward

The wrapping table moves under the bale chamber. As soon as bale binding is complete, the bale is transferred from the bale chamber to the wrapping table without ever touching the ground.

Steady bale guiding even on slopes

The four bale guide rollers safely guide the bale along. This guarantees that the bale is transferred in a perfectly reliable and safe manner, even on slopes. The transfer itself only takes a few seconds. The tailgate closes while the wrapping table is still moving to the wrapping position. The baling process can continue without any interruption.

WRAPPING PROCESS

The twin wrapping arm and the two 750 mm film pre-stretchers ensure that the bale is wrapped in no time at all. The wrapping process is always finished faster than the baling process and stable guidance means that the bale is wrapped perfectly even on slopes.

BALE DEPOSIT

Once the round bale is fully wrapped, the film is cut off cleanly. When the bale is deposited, the wrapping table moves to the rear and lowers all the way to the ground, ensuring gentle depositing of the bale.

HIGHLIGHTS AT A GLANCE

The **robust** and **solid design** and workmanship of the frame guarantee an **exceptionally long service life** of the baler-wrapper combination. The Kombi offers **outstanding agility** thanks to its compact design and the narrow spacing of its wheelbase, thereby also **protecting the turf**. In addition, its low center of gravity allows for a level of **maneuverability on slopes** that is second to none.

1 CHASSIS

The tandem axle chassis impresses with its large wheel-and-tire assemblies: 560/45-R22.5 Flotation Trac tires are installed as standard. The even weight distribution and narrow axle spacing gives the machine outstanding handling characteristics. Compaction on the field is significantly reduced – even when the ground conditions are very soft, and when traveling on the road, the Kombi still runs extremely smoothly at 40 km/h. In spite of the wider tires, the vehicle width is still 3.00 m.
GÖWEIL can offer even wider tires for extreme conditions, whereby wheel-and-tire assemblies in sizes 650/40-R22.5 and 710/35-R22.5 are installed. The vehicle width is increased to 3.15 or 3.29 meters respectively.
Depending on the requirements, the G-1$_{F125}$ Kombi can be equipped with a dual-line air brake system or a hydraulic dual-line brake system.

2 LOAD SENSING

The standard hydraulic "Load Sensing" control system automatically adjusts the oil volume to consumption. The control system not only performs several functions simultaneously, it also reduces fuel consumption, which results in greater bale output per hour. The machine can also be operated in conjunction with tractors without load sensing pump.

3 CONTROL PANEL WITH BUTTONS

The control panel is especially handy for maintenance and service work. All functions can therefore be performed directly on the wrapper. A film change for instance is therefore quick and easy.

4 ROTATING WRAPPING ARM WITH STATIONARY WRAPPING TABLE

It is impossible for the bale to fall off with this system as there are no centrifugal forces acting on it. The conveyor belts and the four rotating bale guide rollers guarantee that the bale will continuously move forward and, consequently, ensure a uniform overlap of the film. When it is time to deposit the bales, the mobile wrapping table is lowered all the way to the ground, ensuring gentle depositing of the bale.

5 TWIN WRAPPING ARM WITH FILM PRE-STRETCHER

The twin wrapping arm is equipped with two 750 mm film pre-stretchers. The patented plastic rollers ensure uniform pre-stretching. In addition, the rollers are not temperature sensitive. This saves film and guarantees tightly wrapped and airtight bales.
The pre-stretchers are height-adjustable. This ensures that the bales will always be wrapped perfectly around their own center. The quick-change system allows empty rolls to be replaced quickly and easily. The film monitoring system stops the wrapping process if the film runs out or tears, and if a roll of film runs out then the machine automatically switches over to single-film mode. During this process, the feed rate of the wrapping table is reduced to ensure an overlap of 50%.

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CLOSED FILM STORAGE

The film storage impresses with its look and functionality. The closed film storage is hydraulically foldable and has space for 14 rolls of wrapping film and 2 rolls of wide film or net. These are very well protected in all weather and against damage. The tilting mechanism ensures that the film can be loaded or removed with ease and at a comfortable working height. Depending on the number of layers of film, it is possible to wrap approximately 300 to 400 bales with a full roll load.

7 FILM CUTTER

The stainless steel cutting knives guarantee that the film is cut cleanly and precisely. At the same time, the films are fixed in place by the cutter lever. Shortly after the wrapping process begins, the float position ensures that the wrapping film unwinds easily.

BASIC MODEL

ROUND BALER G-1F125

	BASIC MODEL (with EU type-approval)	ADDITIONAL EQUIPMENT
HYDRAULICS	Load Sensing (can also be operated with tractors without load-sensing pump)	–
PICK-UP	Cam trackless swivel pick-up / DIN rake width: 2.20 m / tine rows: 6 / tine spacing: 51 mm Plastic Strippers/ Double Crop Rollers/ pneumatic touch wheels	• Swivel Touch Wheels
INFEED	6-star rotor / hydraulic cutting floor / cutting unit with 30 knives Cutting length: 35 mm / hydraulic bar safety device	
BALE CHAMBER	18 steel rollers (4 mm) reinforced on the inside (incl. cleaning & start roller); double-row pendulum roller bearing	• Bale delivery ramp • Bale catcher Cannot be used in conjunction with the bale delivery ramp • Silage additive dosing
BINDING UNIT	Net binding unit / hydraulically adjustable brake roller Automatic monitoring	• Net & film binding - with camera system • Dual binding unit
DRAWBAR	Fixed drawbar	• Hydraulic articulated drawbar • Hydraulic articulated drawbar with suspension
CHASSIS & TIRES	Single axle Tires: 500/60-R22.5 DTL Flotation Trac Brake system: Dual-line air brake system	• Tires: 600/50-R22.5 Flotation Trac Width changes to 2,770 mm With drive axle: Width changes to 2,890 mm • Tires: 710/40-R22.5 Flotation Trac Width changes to 2,970 mm • Complete drive axle Only in conjunction with tires 500/60-R22.5 and 600/50-R22.5 • Hydraulic dual-line brake system with emergency brake valve and pressure accumulator
DRIVE	Speed of PTO shaft: 1000 rpm / AFC - Auto Flow Control: split drive concept Overload protection with 2 cam-type clutches Chains: Main drive of bale chamber: 24 OH, auxiliary drive of bale chamber: 100 HSP Rotor: 80 HSP Triplex, pick-up: 80 HSP	–
MAINTENANCE	Fully automatic central lubrication for grease and oil	
CONTROL SYSTEM	Fully automatic program control ISOBUS (without terminal)	• Terminal ISOBUS S (4.3") with 8 buttons and encoder • Terminal ISOBUS S (7.0") with 12 buttons and encoder • ISOBUS-capable power supply for tractor
		• LED work lights • Beacon light • Camera system
		• Cleaning device - with compressed air hose and air gun Only in conjunction with dual-line air brake system • Drawbar eye types (see page 29)


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BASIC MODEL

BALER-WRAPPER COMBINATION G-1F125 KOMBI

	BASIC MODEL (with EU type-approval)	ADDITIONAL EQUIPMENT
HYDRAULICS	Load Sensing (can also be operated with tractors without load-sensing pump)	–
PICK-UP	Cam trackless swivel pick-up / DIN rake width: 2.20 m / tine rows: 6 / tine spacing: 51 mm Plastic Strippers/ Double Crop Rollers/ pneumatic touch wheels	• Swivel Touch Wheels
INFEED	6-star rotor / hydraulic cutting floor / cutting unit with 30 knives Cutting length: 35 mm / hydraulic bar safety device	
BALE CHAMBER	18 steel rollers (4 mm) reinforced on the inside (incl. cleaning & start roller) double-row pendulum roller bearing	• Silage additive dosing
BINDING UNIT	Net & film binding unit / hydraulically adjustable brake roller Automatic monitoring	• Dual binding unit
DRAWBAR	Fixed drawbar	• Hydraulic articulated drawbar • Hydraulic articulated drawbar with suspension
CHASSIS & TIRES	Tandemachs chassis; Tires: 560/45-R22.5 Flotation Trac Brake system: Dual-line air brake system	• Tires: 650/40-R22.5 Vredestein Flotation Trac Width changes to 3,150 mm | WITHOUT EU type-approval • Tires: 710/35-R22.5 Nokian Country King Flotation Trac Width changes to 3,290 mm | WITHOUT EU type-approval • Complete drive axle • Hydraulic dual-line brake system
DRIVE	Speed of PTO shaft: 1000 rpm / AFC - Auto Flow Control: split drive concept Overload protection with 2 cam-type clutches Chains: Main drive of bale chamber: 24 OH, auxiliary drive of bale chamber: 100 HSP Rotor: 80 HSP Triplex, pick-up: 80 HSP	–
MAINTENANCE	Fully automatic central lubrication for grease and oil	
CONTROL SYSTEM	Fully automatic program control ISOBUS (without terminal)	• Terminal ISOBUS S (4.3") with 8 buttons and encoder • Terminal ISOBUS S (7.0") with 12 buttons and encoder • ISOBUS-capable power supply for tractor
	Camera system (2 cameras to monitor the binding and bale deposit, incl. color monitor)	• Cleaning device - with compressed air hose and air gun Only in conjunction with dual-line air brake system • Drawbar eye types (see page 29)
		• Beacon light
WRAPPING MACHINE	Twin wrapping arm / hydraulic mobile wrapping table / bale deposit to the rear 4 bale conveyor belts with belt guide / 4 bale guide rollers / film pre-stretcher for 750 mm Film cutter / film monitoring / single-film mode / closed film storage (hydraulically lowering) for 14 rolls of film and 2 rolls of wide film or net / LED work lights / additional roller for wrapping table	• Combined film pre-stretcher (for film width 500 & 750 mm) • Additional bale turn • Impact protection mat • Bale tipper • Bale stopper for bale tipper Only usable in combination with bale tipper and ISOBUS • Bale catcher Only in conjunction with ISOBUS


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Do you have a great picture or video of your GÖWEIL baler or baler-wrapper combination? Share it with us! Upload it using the following link - we'd love to share it:
www.goeweil.com/de/mygoeweil/
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IMAGE DESCRIPTION

1) Bale tipper
2) Bale stopper for bale tipper
3) Bale catcher
4) Impact protection mat
5) Drawbar eye types

DETAILS OF ADDITIONAL EQUIPMENT

Bale tipper

When the wrapping process is complete, the bale is deposited on its flat side off to the right in the direction of travel.

Bale stopper for bale tipper

For safely tipping bales, even on slopes. The tipped bale is cushioned by the stop arm. When the bale is steady, the stop arm pivots back up again. The bale guide rollers protect the film against damage.
Only in conjunction with bale tipper and ISOBUS

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Bale catcher

For safely depositing bales on slopes. The catcher roller cushions the bale. When the bale is steady, the catcher frame pivots back up again. The rotatable catcher roller protects the film against damage.
Only in conjunction with ISOBUS

Impact protection mat

For gently depositing the wrapped round bales onto the field.

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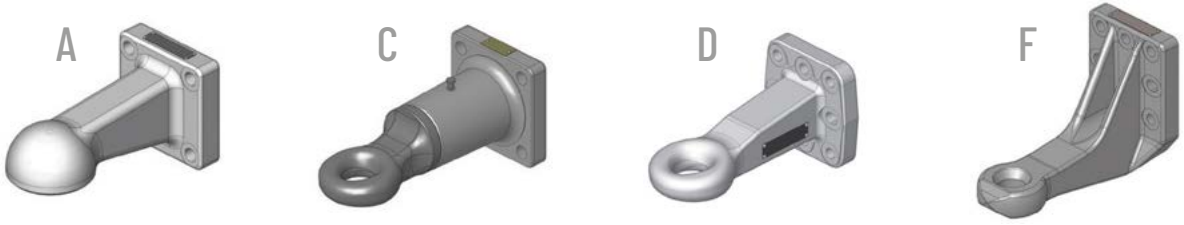


Drawbar eye types

The following drawbar eye types are available:

A: K80 drawbar eye - towing ball coupling

C: Ring drawbar eye D50 mm - turnable hitch ring
DIN similar to 9678, ISO similar to 5692-1

D: Ring drawbar eye D50 mm - fixed hitch ring
DIN similar to 9678, ISO similar to 20019

F: Standard drawbar eye D40 mm - low offset - 42 mm thick
DIN similar to 11026, ISO similar to 5692-2

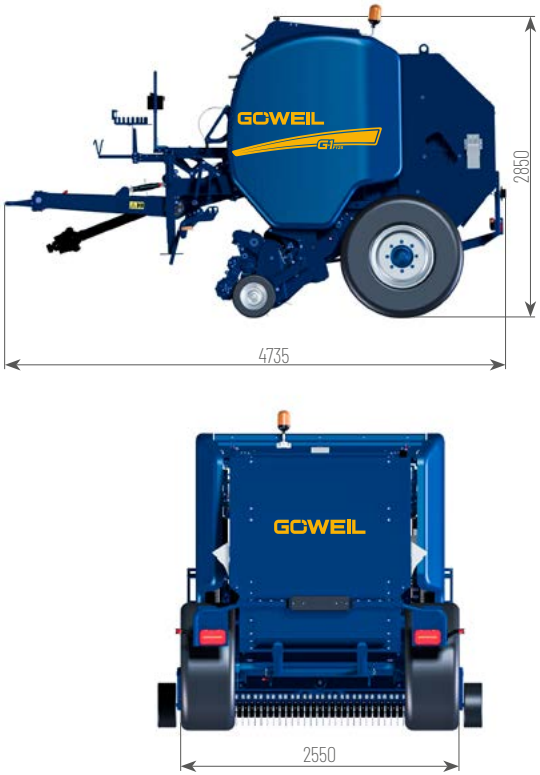
TECHNICAL DATA

The technical details of the round baler G-1F125 at a glance:

G-1F125 with single binding unit

Dimensions in mm

G-1F125 with dual binding unit



TECHNICAL DATA

Height of single binding unit	
without beacon light	2,700 mm
with beacon light	2,910 mm
Height of dual binding unit	
without beacon light	2,850 mm
with beacon light	2,960 mm
Length	4,735 mm
Width	
with tires 500/60-R22.5	2,550 mm (standard)
and drive axle	2,690 mm (optional)
with tires 600/50-R22.5	2,770 mm (optional)
and drive axle	2,890 mm (optional)
with tires 710/40-R22.5	2,970 mm (optional)
Weight	5,580 kg
Bale diameter	1.25 m

REQUIRED CONNECTIONS

- Load sensing connection (for CC) or a pressure connection and a depressurized return for the supply to the round baler
- Electrical power supply to the machine via ISOBUS plug or via the supplied cable harness
- 7-pin socket for the entire lighting system, except work lights

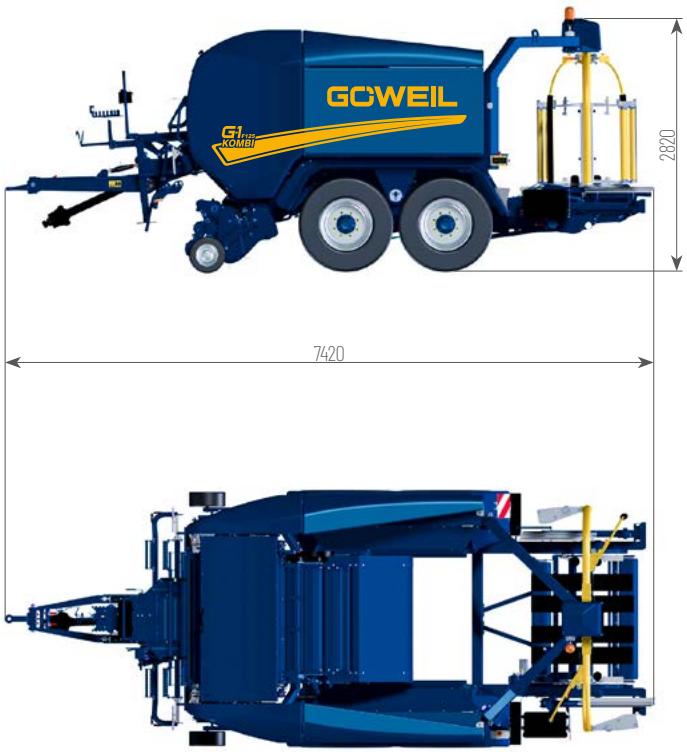
TRACTOR POWER REQUIREMENTS

Oil requirement	From 40 l/min at 200 bar Optimal: from 65 l/min at 200 bar
Power requirements	At least 90 kW

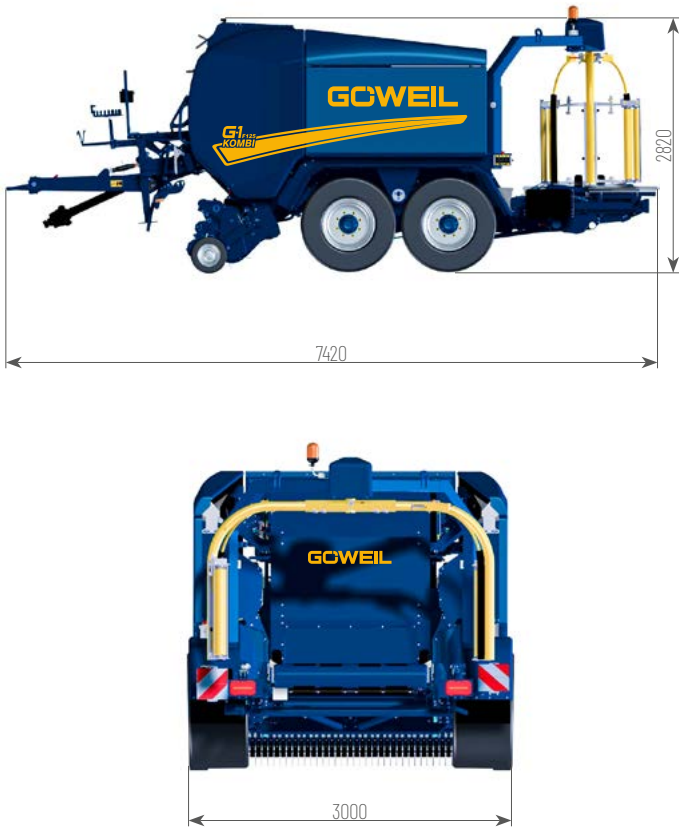
TECHNICAL DATA

The technical details of the baler-wrapper combination G-1F125 Kombi at a glance:

G-1F125 Kombi with single binding unit



G-1F125 Kombi with dual binding unit



Dimensions in mm

TECHNICAL DATA

Height of single binding unit	
without beacon light	2,820 mm
with beacon light	2,980 mm
Height of dual binding unit	
without beacon light	2,820 mm
with beacon light	2,980 mm
Length	7,420 mm
Width	
with tires 560/45-R22.5	3,000 mm (standard)
with tires 650/40-R22.5	3,300 mm (optional) without EU type-approval
with tires 710/35-R22.5	3,300 mm (optional) without EU type-approval
Weight	8,980 kg
Bale diameter	1.25 m

REQUIRED CONNECTIONS

- Load sensing connection (for CC) or a pressure connection and a depressurized return for the supply to the round baler
- Electrical power supply to the machine via ISOBUS plug or via the supplied cable harness
- 7-pin socket for the entire lighting system, except work lights

TRACTOR POWER REQUIREMENTS

Oil requirement	From 80 l/min at 200 bar Optimal: from 105 l/min at 200 bar
Power requirements	At least 120 kW

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