

GOWEIL

BALER-WRAPPER COMBINATION

LT-MASTER F60



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 Kirchschatz (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.

All products are designed, developed, and produced at the company's sites in Kirchschatz and Rainbach (Upper Austria).



EFFICIENCY.

By continuously developing our product range, we offer high-quality and efficient solutions in keeping with the times.



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:

BALER-WRAPPER COMBINATION

LT-MASTER F60

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THE MASTER-SERIES

A PROVEN CONCEPT

For decades, the world-renowned **LT-Master and VARIO-Master baler-wrapper combinations** have been an important component in the **preservation of feed**. The materials that can be processed into round bales have expanded enormously in recent years - as have the **sophisticated and detailed solutions** for the baler-wrapper combinations:



LT-Master F115 (above) and VARIO-Master V140 (below)

EXPERIENCE COUNTS

In 2004, Goweil launched the original version of the LT-Master fixed chamber baler-wrapper with a bale diameter of 1.15m. In 2015, after more than 10 years of experience and know-how, the Vario Master for variable sized bales between 0.80 and 1.40m diameter was developed.

Thanks to special features such as the **high compression of the material**, the **rapid expulsion of air** and the **totally clean production process**, the Master machines have played a major role in convincing GÖWEIL customers worldwide.

Permanent further developments such as the **Multicrop feeder**, the **hydraulic and machine-friendly drive** of the bale chamber or the user-friendly operation on the **PROFI plus L terminal** make the LT-Master and VARIO-Master the absolute top machines on the market.

Each bale also forms a small unit that can be used as feed quickly and easily. Additional advantages include:

- Easy and inexpensive storage and transport of round bales
- Simple production of mixed feeds (TMR)
- Corn silage usage in summer feeding

VERSATILITY PROVIDES THE EDGE:

Thanks to the unique and complete solution that GÖWEIL is offering in the form of the LT-Master F115, more and more finely chopped materials such as alfalfa, grain, sugar beet, and even waste and plastics can be processed into round bales. Compaction rates of between 30% and 70% can be achieved depending on the size and structure of the material.

THE NEW LT-MASTER F60

2023 GÖWEIL presents a new - small - model of the Master series: The **LT-Master F60!** The „little variant“ of the LT-Master F115 is equipped with a **fixed chamber baler** and produces **compact bales with a size of 0.60 x 0.60 m**. This provides customers in the small bale sector a machine with proven Goweil quality.



THE LT-MASTER F60 AT A GLANCE:

High-end quality:

Like all GÖWEIL machines, the LT-Master F60 also impresses with top quality:

- The best workmanship of the individual components by trained personnel with the most modern equipment ensures the best quality.
- The robust and stable construction guarantees operational safety and an extremely long service life of the machine.
- Our service department offers competent advice and assistance with maintenance, repairs and adjustments to the machine.

Efficiency:

Sophisticated solutions increase the profitability of the LT-Master F60:

- Powerful and fast due to the large hopper, double wrapping arm and net & film binding - up to 90 bales per hour!
- Fully automated through specially developed program control with clear terminal for all functions and settings.
- Clean and precise operation due to recirculation and avoidance of material losses.

Best forage quality:

Above all, the finished and wrapped bale speaks for the quality of the machine:

- Best forage quality due to high compaction and fast air exclusion.
- Dimensional stability due to high baling density as well as precise binding and wrapping.
- Compact bale size with 0.60 x 0.60 m for small forage units.

THE HIGHLIGHTS

1 FEEDING SYSTEM / DOSING

Spacious bunker:

The 3.5 m³ bunker provides sufficient buffer to be able to feed the machine permanently. This prevents the LT-Master F60 from coming to a standstill. With the viewing windows, the filling level can be monitored at any time.

Steep elevator:

The material is fed into the bale chamber in perfectly metered quantities via the steep elevator. The galvanized, drop-forged scraper floor chains from Rübigen are virtually indestructible.

Refeed conveyor:

The new refeed belt made of PVC and with a U-profile runs under the entire machine, catches losses and guides them cleanly back into the bunker. From there, the material is processed again.

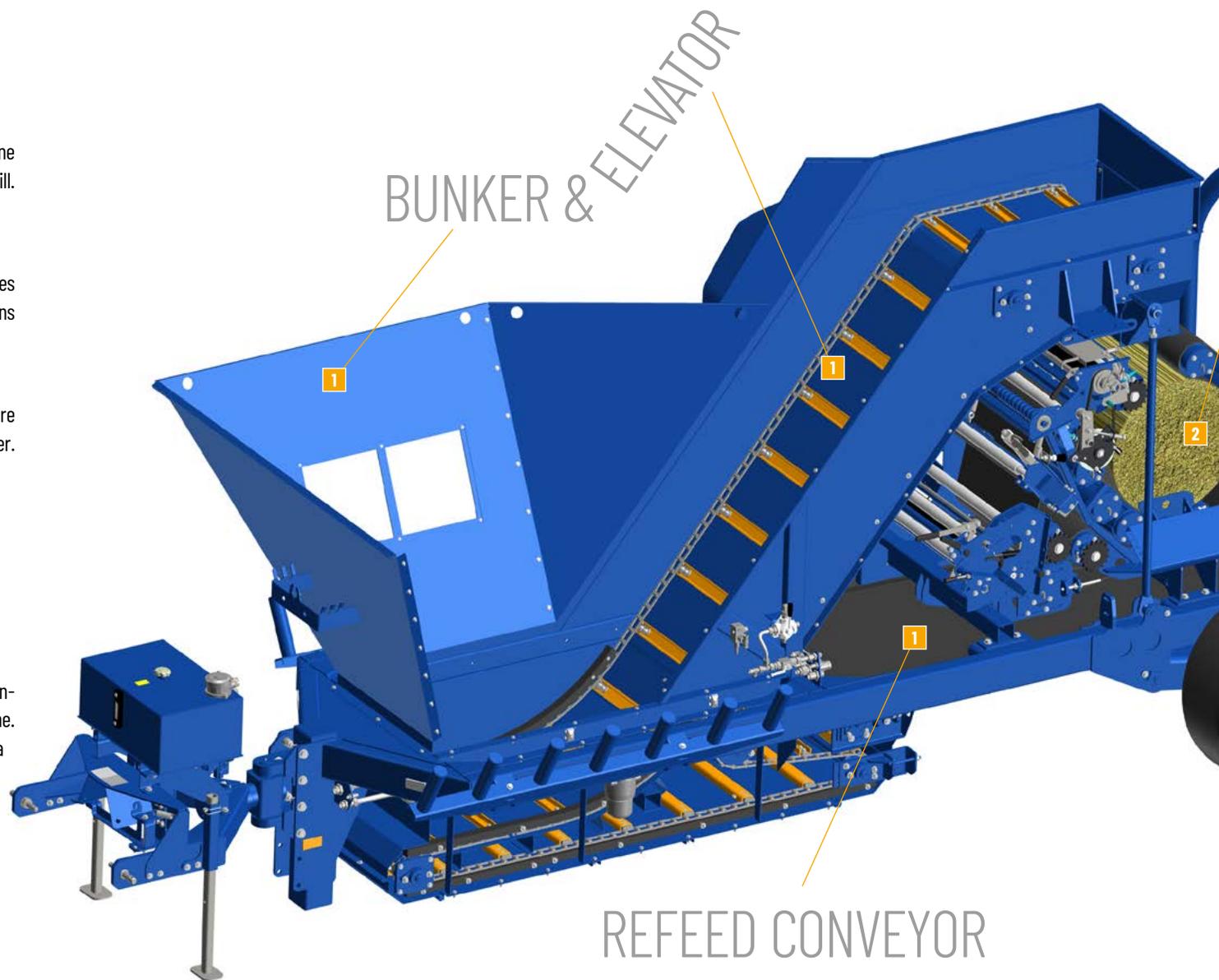
CONTROL SYSTEM

Program control PROFI with PROFI plus L handset

The LT-Master F60 is operated with the PROFI plus L handset. The user interface is structured intuitively and enables easy operation of the machine. The entire work process as well as the machine settings are depicted via the display.



PROFI plus L handset

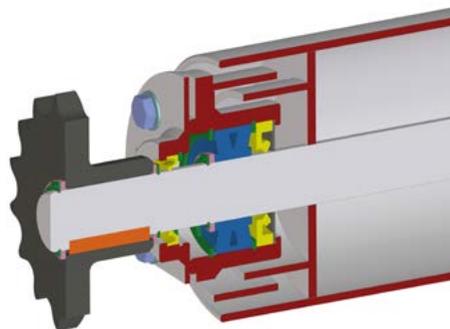
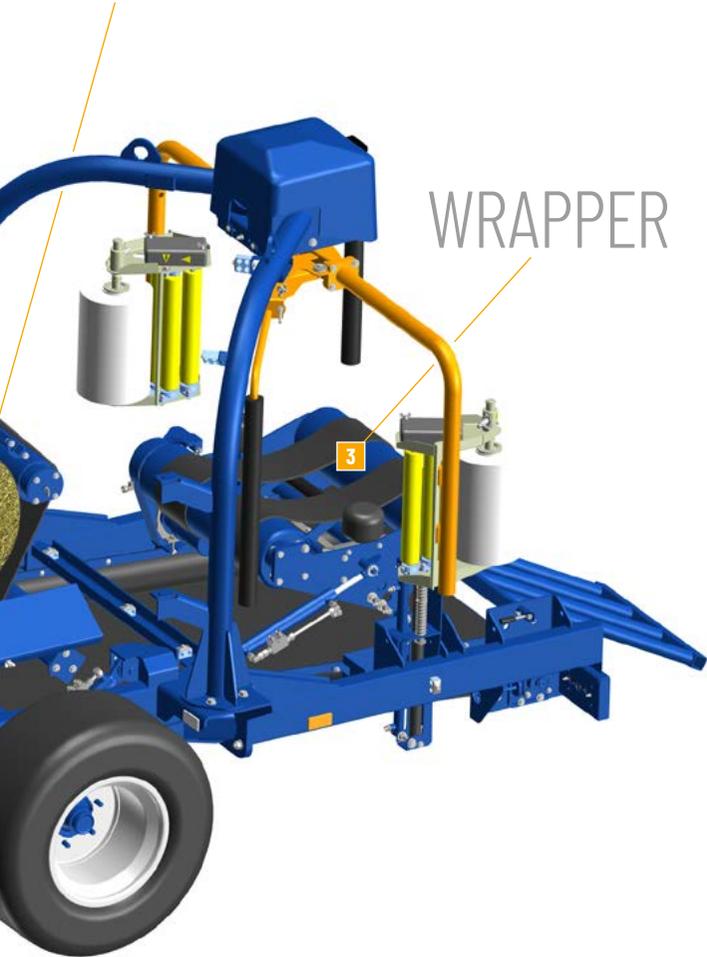


BUNKER & ELEVATOR

REFEED CONVEYOR

BALER

WRAPPER



Bale chamber roller with bearing labyrinth

2 BALER

Hydraulically powered bale chamber:

The hydraulically powered bale chamber favors a machine-friendlier way of working and also reduces the noise level of the baler-wrapper combination. What's more, the hydraulic drive enables the user to choose between different speeds during baling and binding (4 levels respectively). This means that the machine can be better adapted to the different materials and conditions, saving time and energy.

Fixed chamber baler with endless belt:

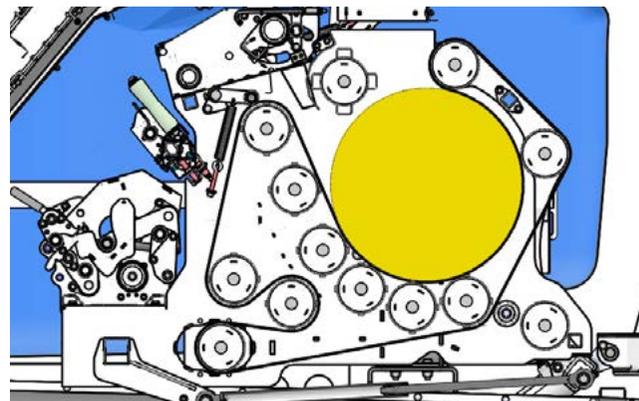
The rollers of the fixed chamber are surrounded by a continuous endless belt. This minimizes material losses. The belt tension can be adjusted hydraulically, helping to ensure a reliable bale start and good bale ejection.

High bale density:

The 4.5 mm thick steel rollers ensure optimum processing of the material and high bale density. The driven rollers are equipped with a ribbed profile, which guarantees secure rotation of the bale. Large dimensioned and sealed spherical roller bearings with bearing labyrinth ensure a long service life.

Net or film:

An efficient binding system is needed to keep a bale in perfect condition. The LT-Master F60 is equipped as standard with a combined dual binding unit for 750 mm net and film.



Bale chamber and binding unit in longitudinal section

3 WRAPPER

Hydraulically tilting wrapping table:

When the bale is transferred, the tailgate opens downward and the wrapping table tilts toward the bale. The bale is transferred directly, quickly and gently. Conveyor belts and bale guide rollers always guarantee continuous advance of the bale and thus uniform overlapping of the film. For bale placement, the wrapping table swivels the bale onto the bale delivery ramp.

Twin wrapping arm:

The standard double wrapping arm with 2 x 375 mm film pre-stretchers wraps the 60 cm bales in the shortest possible time. More bales per roll of film are the result of the patented plastic rollers.

Film monitoring and single-film mode:

If a roll of film runs out or the film tears, the feed rate of the wrapping table is reduced until a 50% overlap is guaranteed once more. This allows bale wrapping to be completed without interruption. If both film rolls run out or tear, the film monitoring stops the wrapping process.

Bale delivery ramp:

The mechanically lowerable bale delivery ramp ensures a gentle bale deposit.

Film cutter:

The stainless cutting knife guarantees precise cutting of the film. The film holder fixes the film and ensures easy release. Thus, there are no jammed film residues.

TRANSPORT

Drawbar:

The drawbar is connected to the towing vehicle with a lower link hitch and swings out to the left or right up to 90°. This makes it easy to fill the hopper from all sides.

Lift axle:

The lift axle with 380/55-R17 AW tires can be swiveled hydraulically and lowers into the working position to minimize the filling height into the bunker.

SETUP & MATERIAL FLOW

A significant highlight of the LT-Master F60 is that it is **immediately ready for use!** With the double-acting control unit on the tractor, the machine is lowered, the PTO is switched on and the bunker of the LT-Master F60 can be filled. Under optimal operating conditions, up to **90 bales per hour** can be baled and wrapped.



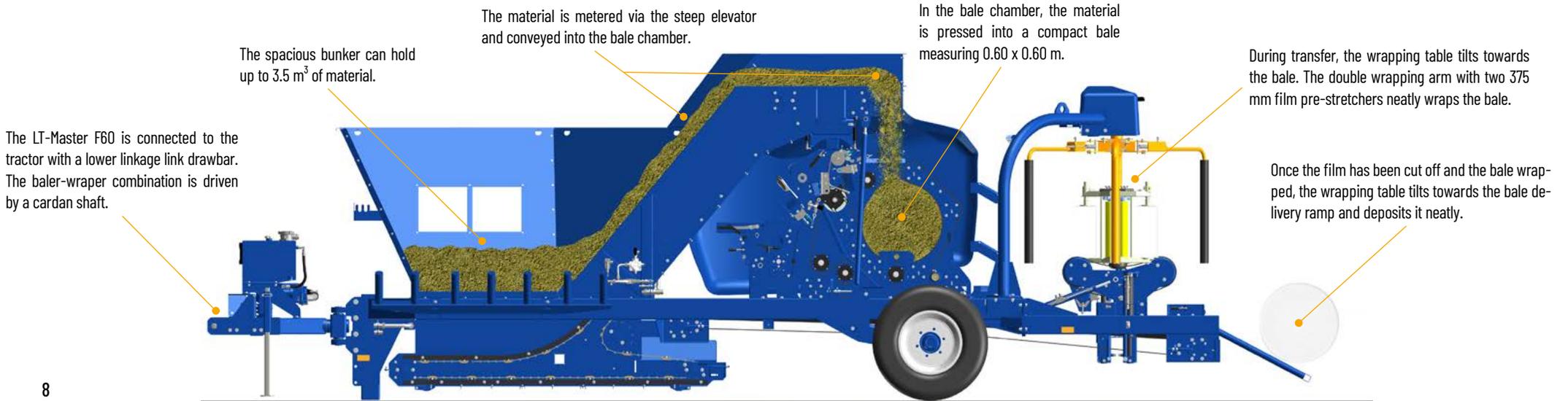
Correctly position the tractor and baler-wrapper combination



Lower the machine and switch on PTO shaft



The material can already be loaded into the bunker





The material enters the bale chamber via the steep elevator



Bale transfer from the bale chamber to the wrapping table



The bale is quickly wrapped and then deposited over the bale delivery ramp



1



2



3

MATERIALS:

Materials that can be processed into round bales are:
Maize Silage, CCM, chopped Grass, Alfalfa, Sugar Beet Pulp, TMR (Total Mixed Ration),
Wild animal feed, fruit- and vegetable waste, crushed grain corn, ...

IMAGE DESCRIPTION

- 1) Compressed corn silage bale
- 2) Compressed grass bale (chopped)
- 3) Compressed CCM bale (Corn-Cob-Mix)

BASIC MODEL

Fast, simple, and **fully automatic**. Every last detail contributes to an **optimum material flow**, ensuring that the LT-Master F60 delivers **top-class throughput performance**. Here is an overview of all the equipment of the baler-wrapper combination:



BASIC MODEL

Twin wrapping arm

Hydraulically powered bale chamber for bale diameters of 0.6 m

Film and net binding

On-board hydraulic system with oil cooler

Refeed belt to prevent possible loss of material

Bunker with 3.5 m³ volume

Hydraulically tilting wrapping table

2 bale conveyor belts with belt guide and 2 bale guide rollers

Mechanical bale delivery ramp for bale deposit towards the rear

PTO drive shaft (without hydraulic oil)

Including gearbox with pump, return filter and 30 l hydraulic oil tank

Lower linkage link drawbar for Cat. I and II

Film pre-stretcher 375 mm combined with overlap adjustment

Film cutter

Film monitoring

Single-film mode

Hydraulically adjustable lift axle and Tires 380/55-R17 AW

Film storage for up to 14 rolls of film

LED work lights

Hand-held transmitter with remote control for bale deposit

Fully automatic central lubrication system for oil

Fully automatic program control PROFI with PROFI plus L handset

All work cycles are fully automatic

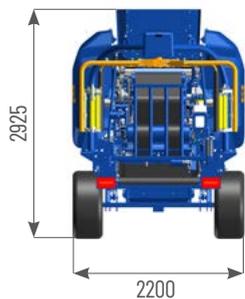
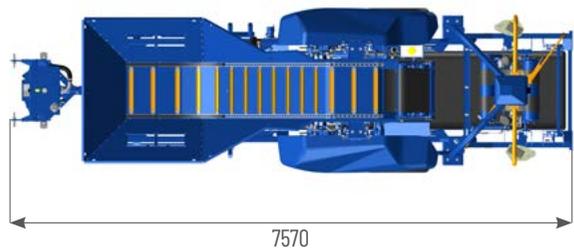
REQUIRED CONNECTIONS

- Cardan shaft connection: Speed: 540 -1000 | 1 3/8" Z6
- 1 double-acting control device for controlling the lift axle
- Power is supplied to the machine via the ISOBUS socket or the cable harness supplied
- A 7-pin socket for the entire lighting system, except work lights

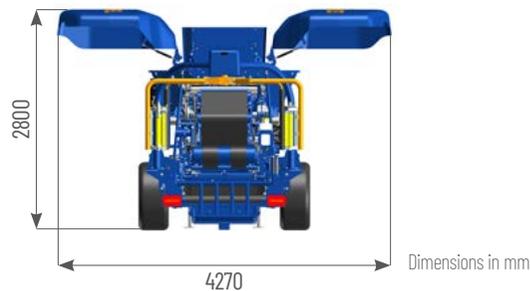
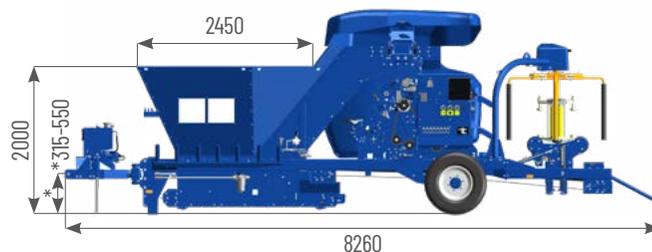
TECHNICAL DATA

Here is an overview of the technical data for the LT-Master F60 basic model – left in the transport position, right in the work position:

TRANSPORT POSITION



WORK POSITION



Dimensions in mm

TECHNICAL DATA

	Transport position	Work position
Weight	4.420 kg	
Length	7.570 mm	8.260 mm
Width	2.200 mm	3.240 mm
Height	2.925 mm	2.800 mm
Round bale diameter	0,60 x 0,60 m	

TRACTOR POWER REQUIREMENTS

Oil requirement (lift axle)	10 l at 200 bar
Power requirements	At least: 44 kW (60 hp) - optimum: 60 kW (80 hp)

ADDITIONAL EQUIPMENT

RBG 60 - Round Bale Grabber

For loading and stacking from one or two bales with a diameter of 0.60 m

Base frame with Euro-attachment

Rounded gripper arms with swivel compensator; Hydraulic cylinder for bale securing

Max. operating pressure: 200 bar / Weight: 140 kg / Bale weight: max. 500 kg

Double-acting hydraulic control device required

Pressure relief valve including check valve

(telescopic & wheel loaders require an operating pressure greater than 200 bar)

Possible attachments (without installation):

Cat. I and Cat. II three-point linkage

Hauer B, Merlo, Merlo ZM3, SMS, MX

Dieci/New Holland, Dieci Dedalus, Amkodor, Manitou, JCB Q-Fit, JCB Compact Tool Carrier, Weidemann hydraulic, Kramer, Schäffer up to 3550, Schäffer from 3550T, Atlas, Claas Scorpion, Zettelmeyer 402, Zettelmeyer 602, Volvo BM, CAT 907H / Liebherr L507, Liebherr L514, Faresin, Avant, Fauchaux, Bobcat, CAT TH 407 C, Giant, Skid Steer, Fendt Cargo T955/ Sennebogen

Adapter Weiste triangle Cat. II (Requires three-point linkage)



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