

GF225 - GF255 - GF325
S Line/ProLine

FIXED CHAMBER BALERS



Setting the standard for bale quality



Decades of experience designing machines to perform all over the world go into building every Galignani baler. The latest generation of Galignani fixed chamber balers gives you the assurance of unrivalled performance and an ability to cope with a wide variety of crop conditions.

At Galignani we aim to help you maximize the feed value of your forage crops and make the most of this valuable asset. Galignani fixed chamber balers feature a host of innovative features including clean raking pick-ups, a choice of effective pre-chopping systems and the latest in bale chamber

technology - all conceived to ensure the production of dense, perfectly shaped bales. With an emphasis on high output and long lasting reliable performance a new Galignani fixed chamber baler will be cost effective and profitable investment for your business.





New look - New performance



GF225

RotaMax: Rollers and Chain & slat bale chamber for excellent crop handling in all conditions.
Bale diameter 1,25 m



GF255

RotaMax: Rollers and Chain & slat bale chamber for excellent crop handling in all conditions.
Bale diameter 1,55 m



GF325

PowerMax: Full roller bale chamber concept designed for heavy silage bales.
Bale diameter 1,25 m

Gallignani pick up



Large diameter roller crop press pre-compresses the crop and provides a uniform flow of crop into the baler allowing increased intake speeds.



Patented compact inboard driveline provides a narrow transport width.



Pick-up guide wheels with generous flotation tyres. The unique pick-up drive design keeps the wheels within the overall baler width eliminating the need to remove them for transport.



The high capacity pick-up is designed for high capacity with fast throughput and provides a smooth, even crop flow into the baler. Five tine bars guarantee excellent raking, cleanly lifting even the shortest crops, ensuring no valuable forage is left behind. The pick-up is located close to the rotor for efficient crop transfer even when working in shortest late season crops.

Long term durability is built in, with each tine bar featuring two intermediate supports, while twin cam tracks share the load for reliable operation in the heaviest conditions.

Despite its wide working width, overall width is kept to a minimum by a unique internal drive system, with the result there is no need to remove the pick-up wheels for road transport – saving valuable time and effort between jobs



Designed for Narrow Transport Width

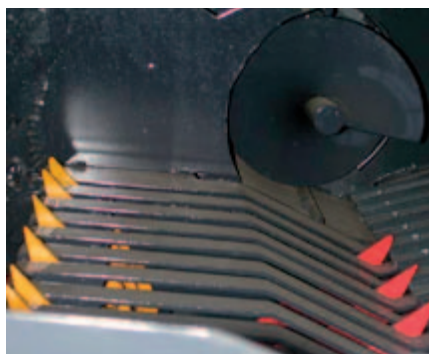
Despite up to 2.20m working width the GF225, GF255 and GF325 have a transport width only dependent on road wheel specification thanks to the innovative design of the pickup driveline which is located inboard of the cam track at either end of the pick-up.

This unique design feature means there is no need to remove the pick-up guide wheels for road transport, reducing unproductive time between jobs.

Superior Intake Performance



Fork feeder



DuoFeed

Fork Feeder (single or double) for excellent performance in dry crops

The GF225F and GF255F are equipped with a cost efficient feeder fork intake system providing direct crop transfer into the baler chamber. The fork ensures a positive, regular crop feeding and is well suited to handling leaf loss sensitive crops such as clover and Alfa-alfa, as well as hay and straw.

The DuoFeed system is a distinctive feature of the GF255FD. DuoFeed consists of a very efficient, patented double fork system, combining remarkable productivity and perfectly balanced operation. Both the single and the double feeder fork systems are equipped with a crop press above the pick-up to ensure a regular crop flow.

PowerFeed rotor intake

High capacity intake performance where pre-chopping is not required. PowerFeed system excels for its truly impressive intake capacity and the ability to handle both wet and dry crops, providing instant bale start and evenly shaped bales.

SuperCut-14

The SuperCut-14 knife chopping system provides a fast and efficient crop flow into the baler. With a chopping length of 70mm it is the ideal solution for producing tight, dense bales. Improved fermentation and easier feeding of bales are just two of the benefits pre-chopping can provide. Each individual knife is spring protected against foreign obstacles. The knife automatically returns to its work position once the obstacle has passed.

SuperCut-25

The SuperCut-25 knife pre-chopping system offers the ultimate solution for short chop baling with a chop length of 40mm. The short and precise chop provides dense and airtight bales for the best possible silage quality. The operator can choose to engage 25, 13, 12, 6 or 0 knives, giving maximum flexibility of operation. For instance it is possible to use half the knives in the morning in difficult and demanding conditions and the remaining half in the afternoon, allowing a full day of baling to be achieved with optimum chop quality.

Dual Action Knife Protection

The SuperCut-25 knife system is fitted with dual action protection against foreign objects. Each knife is individually spring protected and can move in two directions. If a smaller obstacle hits the knife, it will pivot backwards without losing cutting quality. If a larger obstacle hits the knives they can pivot downwards into a safe position. The knife will automatically return to working position once the obstacle has passed.

New Parallelogram DropFloor system for easy unblocking

Whichever rotor or pre-chopping intake system you choose, your Gallignani baler (*) comes equipped with the new Parallelogram drop floor system, which brings faster and easier clearing of blockages from the comfort of the tractor cab. This patented system not only lowers the rear edge of the drop floor as per traditional systems, but also provides additional space under the front section of the floor, where many blockages actually occur.



PowerFeed intake system



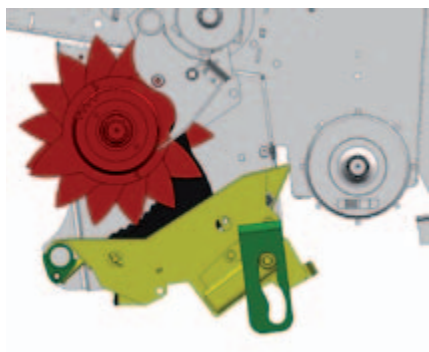
SuperCut-14



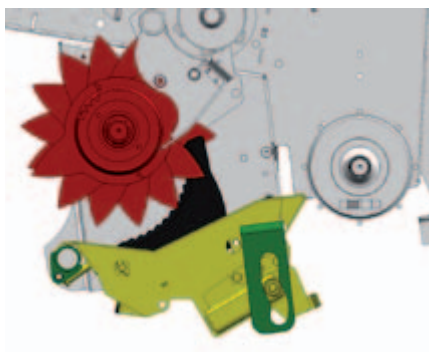
SuperCut-25



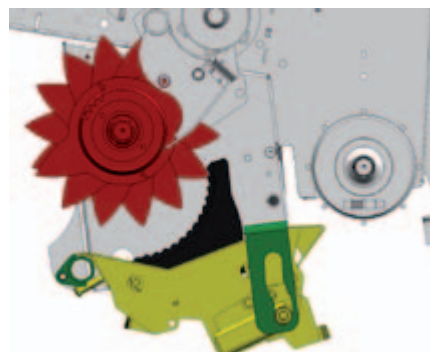
Easier removal of all blockage types = More productive time spent baling



Drop Floor in working position



Drop Floor in mid position



Drop Floor in fully lowered position

(*) Not available on GF225R

New PowerBind Net Wrap System



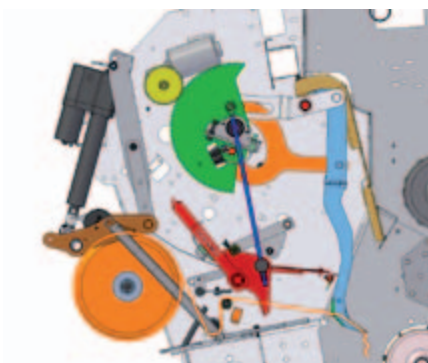
The very low loading height and the very easy threading of the system mean minimum downtime and maximum time baling.



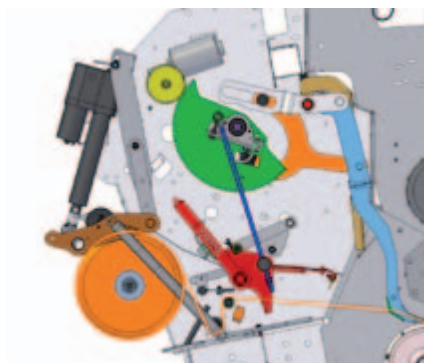
New high efficiency PowerBind net wrap system.



The PowerBind net wrap system allows the net to extend past the edge of the bale.



When the bale is 90% complete the injection arm moves forward ready for the net injection.



Once the bale is finished the injection arm instantly places the net into the bale chamber. Once net is injected, the brake moves down on to the net roll to tension the net.

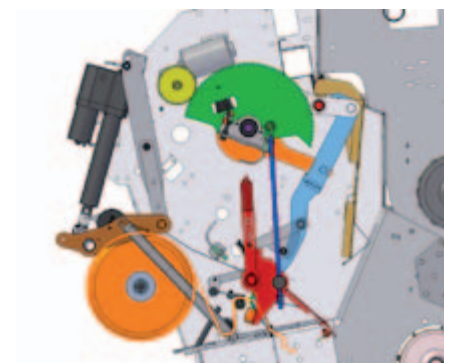
PowerBind Net Wrap

GF225, GF255 and GF325 series are equipped with the patented Gallignani PowerBind net wrap system. PowerBind provides positive and reliable injection of net in all crop conditions, while also eliminating potentially troublesome feed rollers. Additionally the PowerBind provides one of the fastest net wrap actions available. This means minimum downtime and maximum time baling.

The net is fed directly into the bale chamber by an injection arm in a flat movement angle to keep the net tight at all times, providing accurate and extremely reliable net injection. In addition there is absolutely no interference from external factors such as wind and crop.

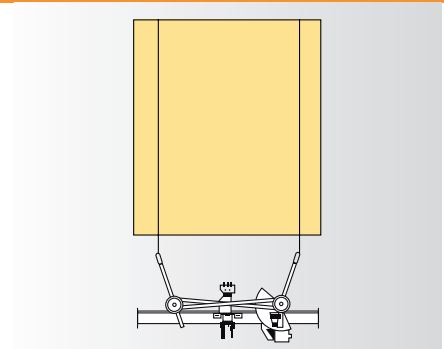
The net is constantly retained by the injection arm, and when the bale is 90% complete the injection arm moves forward, ready for the net injection. This adds to reliability and productivity as no time is spent picking up the net.

In addition PowerBind offers very low loading height, for maximum convenience and time saving. To replace the empty roll just swing out the shaft and replace it with a new roll, while standing comfortably on the ground.

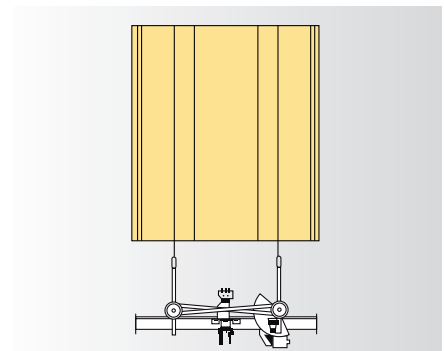


During the net injection the feeder arm moves back to its' waiting position. Once the bale is wrapped the knife is activated, cutting the net.

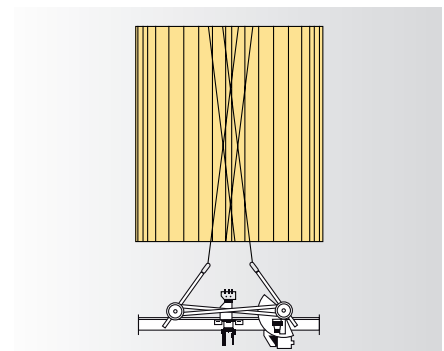
New PowerBind Twine System



Both outside twines fed together



Twine evenly spaced across bale.



Twines crossed over in centre – no loose ends.

Great Looking Bales – Time after Time

You're sure to leave a field of great looking bales every time you finish a job. Gallignani front mounted net and twine systems ensure neat and tidy looking bales that are tightly wrapped. This ensures perfect storage and easy handling of the bales.

Twine Tying

Automatic twine binding with the fast acting double tube system means simultaneous binding of both edges of the bale, keeping binding time to a minimum. Over crossing of twines in the centre of the bale provides no loose ends at the end of the binding cycle.



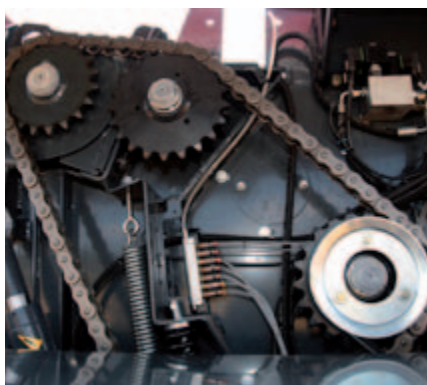
Twin tube fast operating twine binding system.

GF225/GF255

RotaMax System. Mixed Chamber For Crop Flexibility



Each roller is carried on heavy duty bearings.

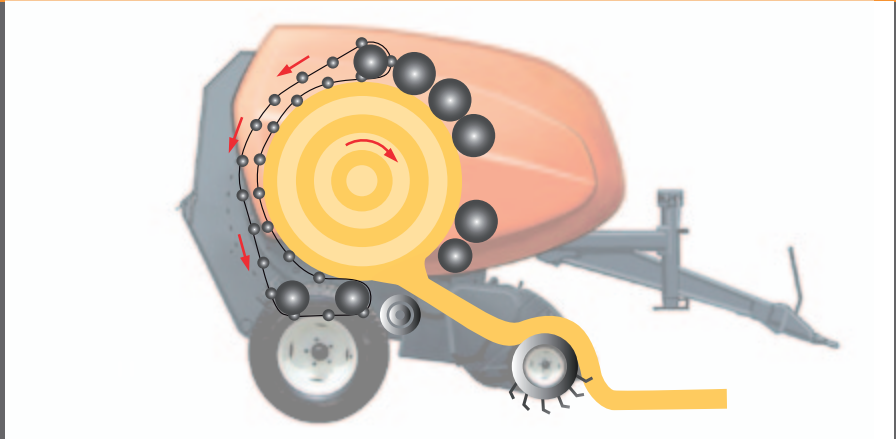


Main bale chamber drives are by heavy duty 1 1/4" pitch chain for a longer lifetime and reduced maintenance



Automatic chain lubrication is standard.

The RotaMax Chamber: Rollers and Chain & Slat bale chamber for excellent crop handling in all conditions.



The RotaMax Chamber

Bale Size of 1.20 x 1.25m/1.55m

The GF225 and GF255 have a bale chamber designed with rollers at the front and chain and slats in the tailgate. This combined solution gives excellent crop handling in all conditions with consistent, high density bales in both wet and dry material.

Rear Chains for Dense Core of the Bale

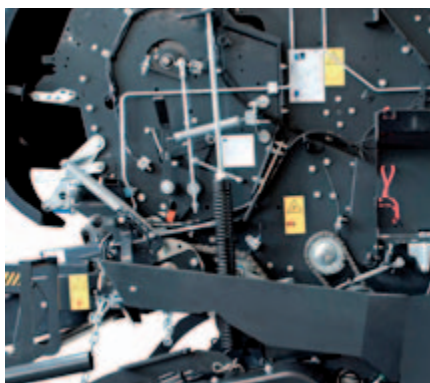
The chain and slat system in the rear section gives an early and 100% regular bale rotation and hence faster bale formation leading to a denser core of the bale, even in very dry crops.

Front Rollers for Excellent Bale Finish and High Density

The heavy duty rollers in the front section ensure a well-shaped and very tight bale.

Reduced Crop Loss

The rear section with chains and slats and the completely enclosed design of the tailgate reduce crop losses to a minimum, especially when operating in silage.



Steel pipes for hydraulic circuits



The bale chamber concept consists of 5 or 7 rollers, depending on model , at the front...



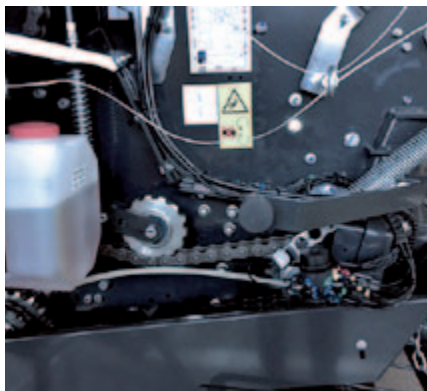
.. and chain and slats in the rear part.

GF325

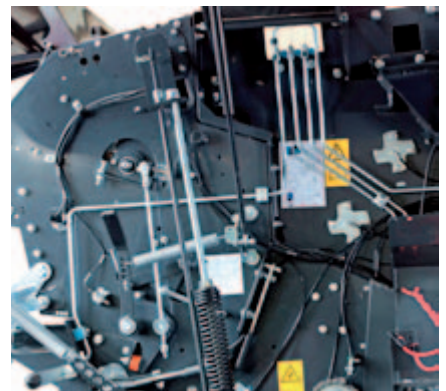
PowerMax System. Well-Shaped and Tight Bales



All rollers are carried on heavy duty, greasable bearings. Bearings are easily serviced from centralized greasing banks.

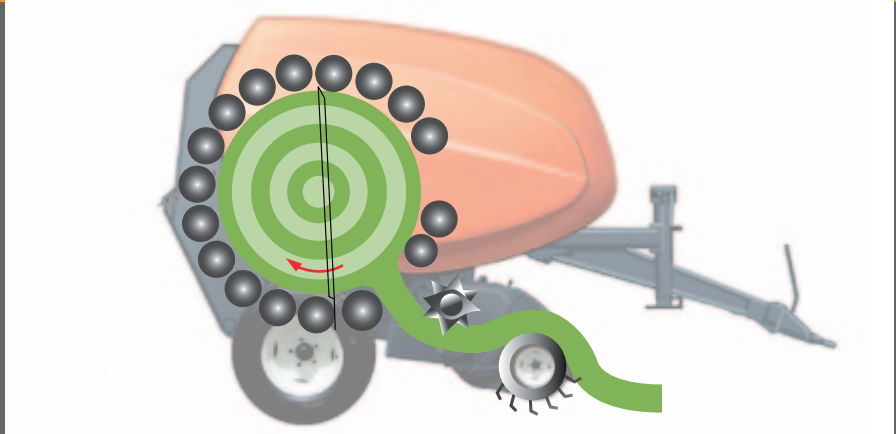


Automatic chain lubrication device.



Steel pipes for hydraulic circuits.

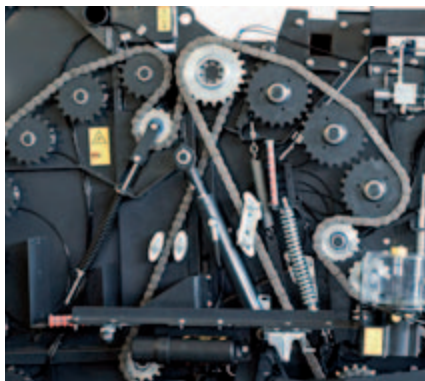
PowerMax Chamber: 17 heavy duty rollers for high density bale production



PowerMax Bale Chamber

Bale Size of 1.20 x 1.25m

The GF325 is a specialist wet silage baler and the ideal solution for producing well-shaped and dense bales. The 17 heavy duty rollers with inner reinforcing discs are designed to form the heaviest bales. The sturdy drive train of the compression rollers is conceived to withstand the most severe loads. Rollers are mounted on heavy-duty remotely greased bearings. The 17 small diameter rollers provide maximum density, while keeping horsepower requirement to a minimum. The bale density can be selected from the cab. The ribbed profile of the rollers ensures reliable bale rotation whatever the crop conditions.



Main bale chamber drives are by heavy duty 1 1/4" pitch chain for a longer lifetime and reduced maintenance.



The optional bale ramp ensures the bale rolls clear of the tailgate to avoid having to reverse after completing each bale.

Control Terminal: Work easy, keep control



Focus 3

New Focus 3 has been designed for easy operation. The colour display is showing baling information at a glance. All baler settings and functions are easily accessed by 'softkeys' putting you in full control from the tractor cab.

Following functions are operated with the Focus 3 control terminal:

- Bale density adjustment
- Left & Right driving indicators
- Twine or net tying selection
- Twine and net tying adjustment
- Tying information during cycle
- Manual or automatic tying mode selection
- Bale counter

Kit per ISOBUS

GF 225, GF255 and GF 325 S Line and Pro Line models can be optionally specified with full ISOBUS compatibility, enabling direct connection to an ISOBUS tractor.

As well as direct connection to an ISOBUS equipped tractor, ISO specified machines are optionally available with either Tellus GO or IsoMatch Tellus terminals.

iM FARMING

smart efficient easy **FARMING**



IsoMatch Tellus GO* - compact ISOBUS Terminal

IsoMatch Tellus GO is a full IsoBus terminal able to control all Isobus machines in a very simple way. The compact design makes it easy to integrate in the tractor cab despite the comfortable 7-inch touch screen allowing perfect machine set-up and control. With hard keys combined with the rotary switch on right hand side, giving direct access to main functions while driving, control of implements has never been so easy.



IsoMatch Tellus*

The IsoMatch Tellus is the first ISOBUS Universal Terminal with the capability to view and operate two different ISOBUS interfaces at once. Control the baler via the interface in the top screen and check the fantastic bale quality in a camera display in the bottom screen. The easy-to-use full touch screen with large icons is designed for easy machine set-up and maximum comfort, making long working days easier to deal with.

[*] These fully ISO terminals can be fitted on the new fixed chamber baler line, provided units are ordered from factory with Isobus connection kit.

Technical Specifications

Model	GF225 F S-LINE	GF225 R S-LINE	GF225 S-LINE	GF255 F S-LINE	
	SC 14				
WEIGHT AND DIMENSIONS					
Length (m)	4.10	4.10	4.10	4.28	
Width (m)	2.52	2.52	2.52	2.52	
Height (m)	2.30	2.30	2.30	2.48	
Weight (kg)	2320	2620	2900	2780	
BALE CHAMBER					
Rollers (nb)	5	5	5	7	
Slats (nb)	16	24	24	28	
Diameter (m)	1.25	1.25	1.25	1.55	
Width (m)	1.20	1.20	1.20	1.20	
Bale ramp	0	0	0	0	
Tear drop plate	0	0	0	0	
Centr. roller bearing greasing syst.	-	-	-	-	
PICK-UP					
Working width (cm)	200	200	220	200	
Tine rows (nb)	4	4	5	4	
Tine spacing (mm)	60	60	60	60	
Crop deflector	•	-	-	•	
Roller crop press	-	•	•	-	
2 Pneumatic gauge wheels	•	•	•	•	
INTAKE					
Fork Feeder	•	-	-	•	
DuoFeed Fork Feeder	-	-	-	-	
PowerFeed Rotor	-	•	-	-	
SuperCut 14 knives	-	-	•	-	
SuperCut 25 knives	-	-	-	-	
Single knife protection	-	-	•	-	
Double knife protection	-	-	-	-	
Knife group selection	-	-	-	-	
Drop floor	-	-	•	-	
DRIVELINE					
1 1/4" main chain	•	•	•	•	
Automatic chain lube system	•	•	•	•	
Shear bolt protection	•	-	-	•	
Cam clutch protection	0	•	•	0	
BINDING (POWERBIND)					
Twine only variant	8 balls	8 balls	-	8 balls	
Net only variant	3 rolls	3 rolls	3 rolls	3 rolls	
Net & Twine variant	8 balls+3 rolls	8 balls+3 rolls	8 balls+3 rolls	8 balls+3 rolls	
CONTROLS					
Focus 3 terminal (non Isobus versions only)	•	•	•	•	
Isobus compatibility option	0	0	0	0	
IsoMatch Tellus Go (only with Isobus option)	0	0	0	0	
IsoMatch Tellus (only with Isobus option)	0	0	0	0	
Hydraulic outlets	2SA	2SA	2SA	2SA	
WHEELS AND AXLES					
11.5/80-15	•	•	-	•	
15.0/55-17	0	0	•	0	
19.0/45-17	-	0	0	-	
500/50-17	-	-	-	-	
550/45-22.5	-	-	-	-	
Hydraulic brakes	-	-	-	-	
Air brakes	-	-	-	-	
OTHER					
Reversible drawbar	•	•	•	•	
PTO (rpm)	540	540	540	540	
Min. power requirem. (kW/hp)	37/50	45/60	51/70	45/60	
Automatic bearing greasing system	-	-	-	-	

• = Standard 0 = Optional - = Not available

	GF255 FD S-LINE	GF255 PROLINE SC 14	GF325 R PROLINE	GF325 PROLINE SC 14	GF325 PROLINE SC 25
	4.28	4.28	4.10	4.10	4.10
	2.52	2.52	2.52	2.52	2.52
	2.48	2.48	2.30	2.30	2.30
	2880	3280	2840	3040	3340
	7	7	17	17	17
	28	28	-	-	-
	1.55	1.55	1.25	1.25	1.25
	1.20	1.20	1.20	1.20	1.20
	0	0	0	0	0
	0	0	0	0	0
	-	-	•	•	•
	220	220	220	220	220
	5	5	5	5	5
	60	60	60	60	60
	•	-	-	-	-
	-	•	•	•	•
	•	•	•	•	•
	-	-	-	-	-
	•	-	•	-	-
	-	-	-	-	-
	-	•	-	•	-
	-	-	-	-	•
	-	•	-	•	-
	-	-	-	-	•
	-	-	-	-	•
	-	•	•	•	•
	•	•	•	•	•
	•	•	•	•	•
	•	-	-	-	-
	0	•	•	•	•
	-	-	8 balls	-	-
	3 rolls	3 rolls	3 rolls	3 rolls	3 rolls
	8 balls+3 rolls	-	8 balls+3 rolls	8 balls+3 rolls	-
	•	•	•	•	•
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	2SA	2SA	2SA	2SA	2SA
	•	-	•	-	-
	0	•	0	•	•
	0	0	0	0	0
	-	0	-	0	0
	-	-	-	0	0
	-	0	-	0	0
	-	0	-	0	0
	•	•	•	•	•
	540	540	540	540	540
	45/60	59/80	51/70	59/80	73/100
	-	-	0	0	0

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GALLIGNANI

Based on more than 90 years of activities Gallignani has turned into a specialist and strong reference point in the world of agricultural machinery. The product range covers fixed and variable chamber balers and round bale wrappers. All products are manufactured at the very modern manufacturing site in Ravenna in northern part of Italy. The factory is one of the most modern baler manufacturing sites in Europe, a production facility with more than 30 years of baler manufacturing experience.



KVERNELAND GROUP

Gallignani is a brand of the Kverneland Group, a leading international company developing, producing and distributing agricultural machinery and services. Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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