



[www.gallignani-tarim.com](http://www.gallignani-tarim.com)



INDEX

Our philosophy	p.04
6000	p.06
5690 EXL	p.08
5690	p.10
3690	p.12
1600 - 2690	p.14
Technical solutions	p.16
Original parts	p.17



Augusto Gallignani with his engineers and the first baler - Russi, 1958

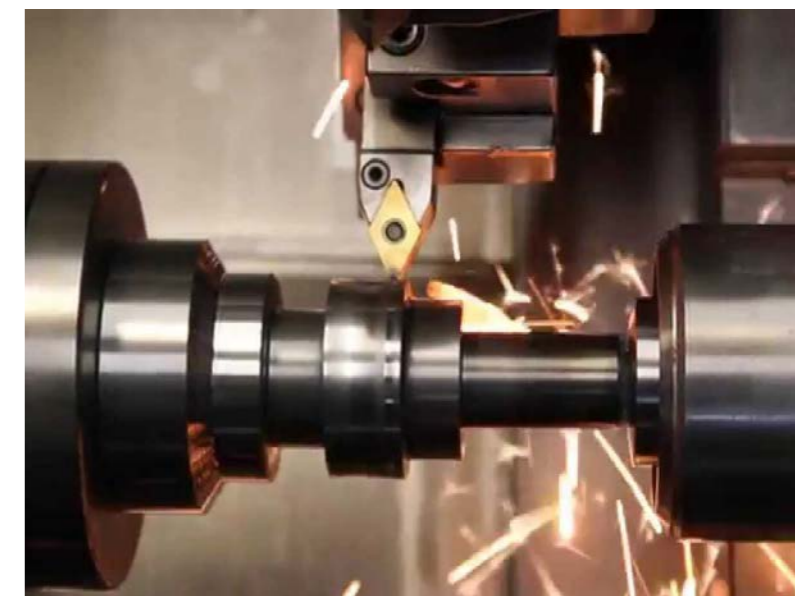
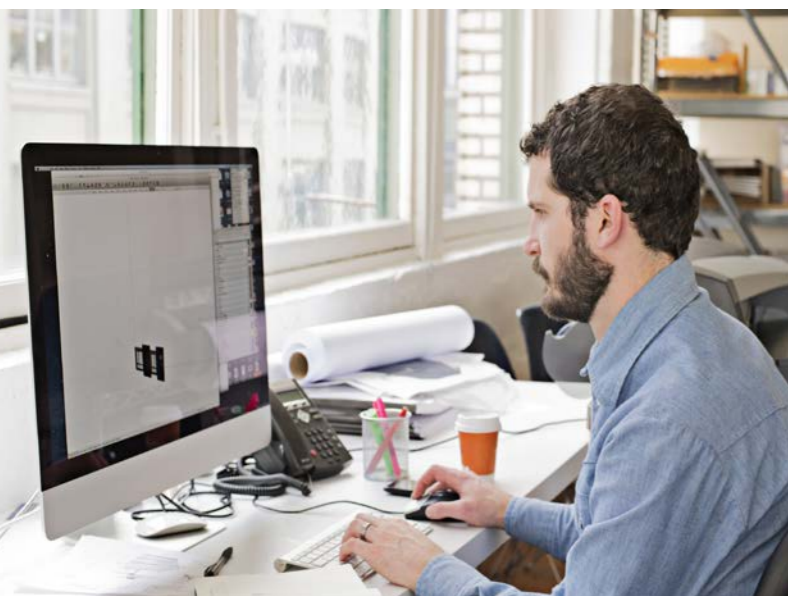
Augusto Gallignani started his business in 1922 with the objective to give a strong contribution to the development of agricultural mechanics and to use industrialisation as a mean for the social development of his territory.

The success of his company was based since the beginning on principles of great value: creativity, technical knowledge, professionalism, extreme care to the farmers' needs, natural instinct to achieve only the best results.

Thanks to these enduring principles, unchanged since almost one century, the company grew bigger and her horizons were expanded, notwithstanding Gallignani company still has a single objective: to offer the best technological solutions to today's and tomorrow's farmers.

# OUR PHILOSOPHY

04



Our objective is to develop productive, reliable, and durable machines that let our farmers achieve their greatest satisfaction. To reach this objective we use a very simple method:

1. We carefully listen the feedbacks and the recommendations coming from all our customers and analyse them with the highest attention.
2. We continuously invest in the training and education of our engineers and designers, and we let them always work with the most modern instruments.
3. We constantly study the market dynamics to attack every new need very quickly.
4. We develop each project with care and professionalism, dedicating high attention to all the functional and reliability tests.
5. We choose our suppliers and industrial partners with extreme care.
6. We launch new products only when we are confident that they are ready to fully satisfy our customers.
7. When necessary, we react to every customer's problem with maximum speed.

## COMPUTER AIDED DESIGN

Modern and sophisticated products can be developed only with the help of computers. Galignani designers and engineers use CAD, FEM and PDM systems since many years and are always up to date on the most innovative instruments.

## FIELD TESTING

The field tests are a crucial activity to guarantee the robustness and reliability of the machines. Before entering the production line every new model is tested in the most extreme conditions and by our most demanding farmers, that we consider true partners of our research and development team

## MANUFACTURING

Every Galignani machine is built with the greatest care by highly specialised and competent personnel.

Every component is made only using the best materials and the most modern tooling techniques, the assembly of each part follows clear and precise instructions, and every machine is quality tested during its entire production process.

## SERVICES

Every Galignani machine must work hard for many years.

In case of unexpected events our service team is always ready to react with the highest speed, working with the only objective of total customer satisfaction.



## 6000

Baler



The 6000 baler range is at the top of the Gallignani lineup in terms of robustness, bale density and productivity, and was developed primarily for the professional users who want to achieve the highest performance without compromises.

According to the models, some machines can be equipped with «extra large» pick-ups or high-density tails, for those who want to make the heaviest possible bales.

The 6000 baler models are offered with a large amount of standard accessories, rely on cardan shaft and gear drivelines to maintain always the perfect synchronization between forks, piston and knotter, and have feeding systems made of two forks assisted by an auger conveyor to guarantee a constant flow of the product into the compression chamber.

Finally, one of the most interesting optional accessories is the humidity sensor with carry-on display to constantly monitor the conditions of the agricultural product.

	6000	6000 XL
<b>Recommended tractor engine power</b>	60 hp	60 hp
<b>Performance (approximate for 1m long bales, in ideal work conditions)</b>		
Bale weight - Straw	Std tail: 25-30 kg HD tail: 30-35 kg	Std tail: 25-30 kg HD tail: 30-35 kg
Bale weight - Hay	Std tail: 25-40 kg HD tail: 30-45 kg	Std tail: 25-40 kg HD tail: 30-45 kg
Productivity	600 bales / hour	650 bales / hour
<b>Pick-up</b>		
Picking width including flap	195 cm	216 cm
Net pick-up width (wall-to-wall)	172 cm	193 cm
Picking system	5 bars with 23 teeth	5 bars with 26 teeth
Hydraulic adjustment of pick-up height	Standard	Standard
Sensing wheel (RH side)	Standard	Standard
<b>Compression chamber and tail</b>		
Bale section	Std tail: 36x46 cm HD tail: 36x49 cm	Std tail: 36x46 cm HD tail: 36x49 cm
Ram travel and strokes/min (at 610 PTO rpm)	73 cm / 104 spm	73 cm / 104 spm
Hydraulic adjustment of bale density	Optional	Optional
Humidity sensor with carry-on display	Optional	Optional
<b>Knotter</b>		
Knotter types	2 twines or 3 twines	2 twines or 3 twines
Night light	Optional	Optional
Centralized knotter lubrication system	Standard, grease type	Standard, grease type
Automatic lubrication system with electric pump	Optional	Optional
Double knotter fan	Standard	Standard
<b>Drawbar</b>		
Fixed	Standard	Standard
Mechanical adjustment	Optional	Optional
Hydraulic adjustment	Optional	Optional
<b>Drivelines</b>		
Knotter and first fork	Gears	Gears
Pick-up	Chain	Chain
Cardan shaft	Included	Included
Wide angle cardan shaft	Standard	Standard
Double cardan shaft	Optional	Optional
<b>Twine box</b>	8 reels	8 reels
<b>Accessories</b>		
Road lights	Optional	Optional
Mechanical bale counter	Standard	Standard
Electric bale counter	Optional	Optional
Rear axle steel roller	Optional	Optional
Skids	Optional	Optional
<b>Dimensions and weights</b>		
Width	265 cm	286 cm
Length	511 cm	511 cm
Height	182 cm	182 cm
Wheel size LH	10.0/75-15.10	10.0/75-15.10
Wheel size RH	215/75-15	215/75-15
Weight	Std tail: 2.000 kg HD tail: 2.080 kg	Std tail: 2.050 kg HD tail: 2.130 kg

# 5690 EXL

Baler

## TECHNICAL SPECIFICATIONS



The Gallignani baler 5690 EXL is a machine designed to guarantee always the maximum versatility with all types of agricultural product and the highest productivity in the most diverse working environments, above all when unswathed products, or very large swaths, or very long products must be baled.

The compression chamber and tail are similar to that of the 5690 S model, the reared 1,93m wide pick-up with 6 bars and 156 teeth provides the highest possible picking speed and the 3 forks with crossed phases feed the compression chamber in the most efficient way. The result is a surprising mix of performance and productivity.

Among the optional accessories the customers can choose the centralised knotter lubrication, the hydraulic pick-up lift, the hydraulic adjustment of the drawbar, a twin cardan shaft and an electric bale counter.

The machines can also be equipped with a humidity sensor with carry-on display to constantly monitor the conditions of the agricultural product.

### 5690 EXL

**Recommended tractor engine power** 50 hp

#### Performance (approximate for 1m long bales, in ideal work conditions)

Bale weight - Straw 20-25 kg  
Bale weight - Hay 25-35 kg  
Productivity 600 bales / hour

#### Pick-up

Picking width including flap 200 cm  
Net pick-up width (wall-to-wall) 193 cm  
Picking system 6 bars with 26 teeth  
Hydraulic adjustment of pick-up height Standard  
Sensing wheel (RH side) Standard

#### Compression chamber and tail

Bale section 36x46 cm  
Ram travel and strokes/min (at 610 PTO rpm) 73 cm / 104 spm  
Hydraulic adjustment of bale density N.A.  
Humidity sensor with carry-on display Optional

#### Knotter

Knotter types 2 twines  
Night light Optional  
Centralized knotter lubrication system Optional, oil type  
Automatic lubrication system with electric pump N.A.  
Double knotter fan Standard

#### Drawbar

Fixed Standard  
Mechanical adjustment N.A.  
Hydraulic adjustment Optional

#### Drivelines

Knotter and first fork Chain  
Pick-up Belt  
Cardan shaft Included  
Wide angle cardan shaft Standard  
Double cardan shaft Optional

#### Twine box

8 reels

#### Accessories

Road lights Optional  
Mechanical bale counter Standard  
Electric bale counter Optional  
Rear axle steel roller Optional  
Skids Optional

#### Dimensions and weights

Width 293 cm  
Length 511 cm  
Height 182 cm  
Wheel size LH 10.0/75-15  
Wheel size RH 10.0/80-12  
Weight 1.900 kg



The Gallignani 5690 balers are one of the most balanced solutions in terms of productivity, robustness and maneuverability in all work environments. These machines were designed specifically for large fields, professional users, contractors and farms of large sizes, and their dimensions allow road haulage without special permits.

The 5690 baler range is one of the biggest successes of Gallignani company since many years thanks to an excellent mix of performance and technical solutions that provide excellent ease of use and maintenance and unparalleled durability.

The standard machines are already rich of useful features, but a wide choice of optional accessories is also available, like the centralized lubrication system for the knotter, the electric bale counter, the hydraulic pick-up lift and the adjustable draw-bars of mechanic or hydraulic types.

The machines can also be equipped with a humidity sensor with carry-on display to constantly monitor the conditions of the agricultural product.

**5690****Recommended tractor engine power**

50 hp

**Performance (approximate for 1m long bales, in ideal work conditions)**

Bale weight - Straw	20-25 kg
Bale weight - Hay	25-35 kg
Productivity	500 bales / hour

**Pick-up**

Picking width including flap	180 cm
Net pick-up width (wall-to-wall)	158 cm
Picking system	5 bars with 21 teeth
Hydraulic adjustment of pick-up height	Optional
Sensing wheel (RH side)	Standard

**TPP straw chopper**

Optional

**Compression chamber and tail**

Bale section	36x46 cm
Ram travel and strokes/min (at 610 PTO rpm)	73 cm / 104 spm
Hydraulic adjustment of bale density	N.A.
Humidity sensor with carry-on display	Optional

**Knotter**

Knotter types	2 twines, 3 twines or 2 wires
Night light	Optional
Centralized knotter lubrication system	Optional, oil type
Automatic lubrication system with electric pump	N.A.
Double knotter fan	Standard

**Drawbar**

Fixed	Standard
Mechanical adjustment	Optional
Hydraulic adjustment	Optional

**Drivelines**

Knotter and first fork	Chain
Pick-up	Belt
Cardan shaft	Included
Wide angle cardan shaft	Standard
Double cardan shaft	Optional

**Twine box**

8 reels

**Accessories**

Road lights	Optional
Mechanical bale counter	Standard
Electric bale counter	Optional
Rear axle steel roller	Optional
Skids	Optional

**Dimensions and weights**

Width	250 cm
Length	511 cm
Height	182 cm
Wheel size LH	10.0/75-15
Wheel size RH	10.0/80-12
Weight	1.800 kg



The balers 3690 machines are lighter and smaller than the 5690 models, but most technical choices are similar. Nevertheless they offer a very good performances that will certainly satisfy the needs of most professional farmers.

The lower weight and the reduced dimensions provide better maneuverability especially in the small and medium size fields, soft terrains or when it's necessary to haul the machines on long, narrow roads.

The standard equipment can be enriched with the centralised lubrication system and a double knotter fan, the hydraulic pick-up lift, the drawbar adjustment of mechanical or hydraulic types, the electric bale counter and the humidity sensor with carry-on display for the compression chamber.

**3690**

**Recommended tractor engine power** 40 hp

**Performance (approximate for 1m long bales, in ideal work conditions)**

Bale weight - Straw 15-20 kg  
 Bale weight - Hay 20-30 kg  
 Productivity 400 bales / hour

**Pick-up**

Picking width including flap 170 cm  
 Net pick-up width (wall-to-wall) 156 cm  
 Picking system 4 bars with 21 teeth  
 Hydraulic adjustment of pick-up height Optional  
 Sensing wheel (RH side) Optional

**Compression chamber and tail**

Bale section 36x46 cm  
 Ram travel and strokes/min (at 610 PTO rpm) 66 cm / 100 spm  
 Hydraulic adjustment of bale density N.A.  
 Humidity sensor with carry-on display Optional

**Knotter**

Knotter types 2 twines or 2 wires  
 Night light Optional  
 Centralized knotter lubrication system Optional, oil type  
 Automatic lubrication system with electric pump N.A.  
 Double knotter fan Optional

**Drawbar**

Fixed Standard  
 Mechanical adjustment Optional  
 Hydraulic adjustment Optional

**Drivelines**

Knotter and first fork Chain  
 Pick-up Belt  
 Cardan shaft Included  
 Wide angle cardan shaft Optional  
 Double cardan shaft N.A.

**Twine box**

4 reels

**Accessories**

Road lights Optional  
 Mechanical bale counter Standard  
 Electric bale counter Optional  
 Rear axle steel roller Optional  
 Skids Optional

**Dimensions and weights**

Width 240 cm  
 Length 414 cm  
 Height 172 cm  
 Wheel size LH 10.0/80-12  
 Wheel size RH 7.00-12  
 Weight 1.380 kg

# 1600 - 2690

Baler



The Gallignani baler models 1600 and 2690 are special machines of very light weight and maximum agility. Most technical solutions are similar to those of the larger models but, thanks to their unique specifications, they can be used on very steep or very soft terrains, like mountains or rice fields, providing a surprising farming experience.

Among their accessories we find the hydraulic pick-up lift, the mechanic of hydraulic drawbar adjustment systems and the humidity sensor for the compression chamber.

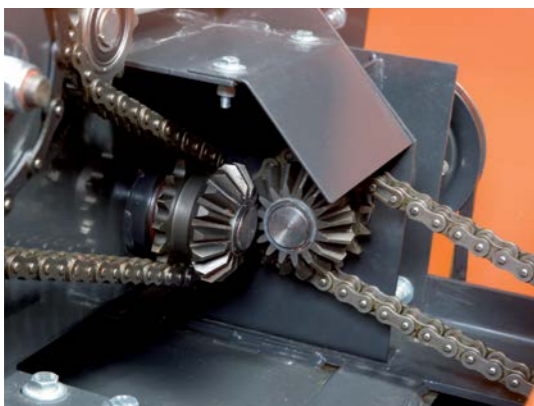
## TECHNICAL SPECIFICATIONS

	1600	2690
<b>Recommended tractor engine power</b>	25 cv	35 hp
<b>Performance (approximate for 1m long bales, in ideal work conditions)</b>		
Bale weight - Straw	15-20 kg	15-20 kg
Bale weight - Hay	20-30 kg	20-30 kg
Productivity	300 bales / hour	350 bales / hour
<b>Pick-up</b>		
Picking width including flap	130 cm	155 cm
Net pick-up width (wall-to-wall)	114 cm	142 cm
Picking system	4 bars with 15 teeth	4 bars with 19 teeth
Hydraulic adjustment of pick-up height	Optional	Optional
Sensing wheel (RH side)	Optional	Optional
<b>Compression chamber and tail</b>		
Bale section	36x46 cm	36x46 cm
Ram travel and strokes/min (at 610 PTO rpm)	66 cm / 100 spm	66 cm / 100 spm
Hydraulic adjustment of bale density	N.A.	N.A.
Humidity sensor with carry-on display	Optional	Optional
<b>Knotter</b>		
Knotter types	2 twines	2 twines or 2 wires
Night light	Optional	Optional
Centralized knotter lubrication system	Optional, oil type	Optional, oil type
Automatic lubrication system with electric pump	N.A.	N.A.
Double knotter fan	N.A.	N.A.
<b>Drawbar</b>		
Fixed	Standard	Standard
Mechanical adjustment	Optional	Optional
Hydraulic adjustment	Optional	Optional
<b>Drivelines</b>		
Knotter and first fork	Chain	Chain
Pick-up	Belt	Belt
Cardan shaft	Included	Included
Wide angle cardan shaft	Optional	Optional
Double cardan shaft	N.A.	N.A.
<b>Twine box</b>	4 reels	4 reels
<b>Accessories</b>		
Road lights	Optional	Optional
Mechanical bale counter	Standard	Standard
Electric bale counter	N.A.	N.A.
Rear axle steel roller	Optional	Optional
Skids	N.A.	N.A.
<b>Dimensions and weights</b>		
Width	187 cm	240 cm
Length	414 cm	414 cm
Height	160 cm	172 cm
Wheel size LH	10.0/80-12	10.0/80-12
Wheel size RH	7.00-12	7.00-12
Weight	1.160 kg	1.240 kg

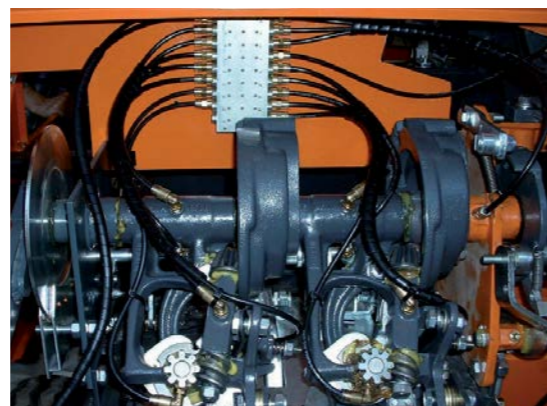
## TECHNICAL SOLUTIONS

16

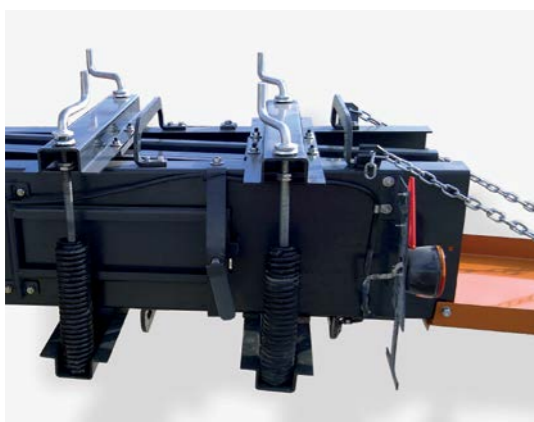
Every Galignani machine is the result of the most accurate design and test work to provide the best balance between performances, robustness, ease of construction and simple maintenance.



The pick-ups, the forks and the knotters of the Galignani balers, according to the different models, can be operated by chain or gears or cardan shaft transmissions.



The centralized lubrication system for the knotters reaching 14 points allows to save a lot of maintenance time and helps to preserve the best efficiency of the parts.



Some models of the 6000 range can be equipped with the high density tail, to make heavier and more compact bales.



The double knotter fan, standard or optional according to baler models, allows smooth and continuous fieldwork and guarantees the durability of the knotters components.



The flywheels, always of large dimensions, guarantee high performances and vibration-free fieldwork in all environments.



The Galignani pick-ups, always provided with cam systems to guarantee the most efficient collection of the product, can have from 4 to 6 tine bars according to the models.

## ORIGINAL PARTS

Every Galignani machine is built using only high quality materials, to guarantee the maximum reliability and the longest durability in all work conditions.

To preserve the performances and the value of the machines for long times, Galignani invites her farmers and dealers to distrust any non-original spare part and to always and only fit Original Galignani Spare Parts.







Gallignani, Sigma 4 and Alfaspeed are brands of the Group IG.

Sales, marketing and after-sales service headquarters:  
Via Madrara 2/1 48018 Russi (RA) Italy  
TEL. +39 0544 585411 - FAX. +39 0544 585415  
info@gallignani-tarim.com  
www.gallignani-tarim.com

Manufacturing plant:  
Hosab 3, Cadde No:17, Nilufer 16370 Bursa, Turkey  
TEL: +90 224 484 2120 - FAX: +90 224 484 2910