EURO BAGGING
Just bag it!

PRODUCT **CATALOGUE**

EURO BAGGING
Flexible storage in bags

Do you know you can store about 240 tons of grass silage in one bag 2,7 x 75 m? You would use 320 bales (in the case of round bales) for the same amount and you would spend 14 stretch foils.

Do you know the losses on dry matter in silage bunker range from 12 to 18 % and there are losses on dry matter only 5 – 8 %?

Do you know the feed from the bag has better nutritional and energy values compared to other technologies?

ABOUT THE COMPANY

The origin of the thought of the production of silage baggers and the distribution of silage bags EURO BAGGING is dated in 1996 when Petr Jurek set off together with a group of colleagues and farmers to Canada to explore possibilities of a new way of storage of bulky feed – the storage feed in bags. Petr Jurek worked as an agronomist in the bigger agricultural company in Highlands (Vysočina) in that time and that company needed to solve necessarily the storage of feed for its milk farm. That system had been already working for many years in Canada and it had been showing great results due to the quality of feed. After returning from Canada, where besides drawings of the known manufacturer of baggers AMITY were bought, first six machines were delivered. Some of them were assembled fully, some of them partly. First new machines, still named as the mark AMITY, were produced in 1997, however, they were reworked according to the European conditions.

The company EURO BAGGING, Ltd., was set up by Petr Jurek in 1998. It used to be concentrated on the production and the distribution of silage bags and silage baggers AMITY. The company focused on the Czech and Slovak markets at the beginning, but it started to expand to Europe (Ukraine, Hungary, Croatia, Russia, German) later. The machines were innovated deeply in 2004 and they started to be produced as a mark EURO BAGGING. Lukáš Jurek, a son of the owner of the company, began to work there one year later and the company set about a portfolio of new machines. It included a mobile crimpers with roller stands and a composting machine which have been being still offered.

PRESENT TIME AND VISION

The company EURO BAGGING, Ltd. follows the gender of the family Jurek. It means Petr Jurek together with his son Lukáš Jurek take care about the sale of quality silage bags and the sale of feed storage machines. We are working with the help of our dealers, distributors and agents in more than 35 countries nowadays. We are cooperating with farmers and agricultural companies in Europe, Africa, Asia and Australia. Our company is the holder of the certificate of quality ISO 9001:2008. It can show our quarantee of quality. A team of experienced workers takes care about the production, the distribution, the follow-up service and supplies of spare parts.

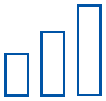
Our vision to the future is to expand to the market area in the unknown countries of Africa, Asia, North and South America. We want to emphasize the use of the most modern technologies in the field of storage of feed in bags. We want the final customer to be maximally satisfied with our products and services and to be able to rely and ask us for everything after many years of our cooperation.

“ The **precedence** for us is the **serious workingship** and the **close cooperation** with our business partners and customers.

WHY TO CHOOSE EURO BAGGING

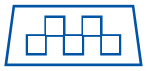
- We take care of the quality selection of our suppliers to ensure the highest quality of our products.
- We are people who are experienced in the agricultural field.
- We are not concentrated on the quantity, we are focud on the QUALITY.
- Everything what is produced and delivered by our company is under our supervision, we are not middlemen.
- We are only the Czech company with long history and stable background.
- We listen to trends of the present time and we regulate everything to the requirements of the market.
- We use the most modern technologies for the production of bags and machines.

ADVANTAGES OF THE STORAGE IN BAGS



Investment

It is much more less **investment demand** compared to the construction of a silage bunker for the storage of feed.



Logistics

It is possible to store **more kinds of feed in the small space**, so you can create a varied recipe for feeding of your dairy cows.

Protection

It is immediate **protection against the weather** effects - immediately in the bag, there is no risk of loss during storage neither loss of nutritional values.

Flexibility

You can place bags **where you want and need**, you are not limited neither the space nor the amount of needed stored feed.

Freshness

A very small area is exposed to the **weather effects** compared to the silage bunker, in which there is opened the whole part of feed.

Hermetic

Bags are **hermetically closed** during the whole time of storage. There is no risk of **water**, **air** or solar **UV radiation** before the opening of the bag.

REFERENCES

We, the company NADEC AGRICULTURE, are one of the biggest farm in Saudi Arabia. We store more than 80.000 tons of silage and we deliver to our milk farms. According to us this system is the best storage system compared to the large silage bunker. Storage in bags needs much less investment costs and it gives much bigger flexibility. The ability of bags prevents oxygen infiltration. If the bags are filled correctly, we can store silage at least for two years with a loss of dry matter (DM) less than 8%. It means much more lower loss than in other technologies. The company EURO BAGGING is for us the right business partner. They are not only the specialists in the field of "bagging", but they provide quality service with high quality machines. I would like to emphasize the openness and the business feeling of Lukáš Jurek. I would really recommend this company EURO BAGGING to all potential clients.

NADEC

Saudi Arabia

Storage of maize silage

We have been using the technology of storage in bags since 2009. Before that we pressed big square bales. Grass silage and maize silage were stored in the open area and there were occured big losses. We started to look for a new way of storage to reduce losses to minimum. We bought the used grass silage made in Italy. We were not persuaded because of the construction of that machine. The conception of it and its movement were complicated. We needed to transport the machine from a farm to the other one several times a day. There are many small farms in our region where we make silage only a small amount of feed. We almost have to transport and disassemble the machine again three or four times a day. The bagger EURO BAGGING the type EB 310 LG offers the great solution – it is not necessary to disassemble the machine from a tractor. The machine is simply transformed to the working position by reversing. EG 310 LG has great power and high compression value in the bag.

FLORIAN KERN

German, Schönberg

Transition from the opened space to the bag

I have chosen the technology EURO BAGGING because of the low purchase price of storage technology and because of the stable fermentation process. It is not the same like in the bales where the process is in each bale separately. It is not needed so many machines compared to round bales. You need only the grass silage and two or three silage cars, which have less press to the ground too. In addition to I save my time because after the processing of the last car, the bag is closed with a zip by me and the fermentation processs is already started and I finish with work. The lab results confirmed me that it is a very stable product with a small amount of losses. I believe this technology is the future in the segment of storage of feed.

LAURITZ HAAR

Norway, Stavanger

Transition from round bales to silages in bags

SILAGE
BAGGERS

What is possible to store with our silage baggers?

- Grass silages, alfalfa silages, grain silages – GPS
- Maize silage
- Sugarbeet pulps
- Brewer's grain and by-products from distilleries
- Crimped and grained grain – CCM
- Whole dry or wet grain

We are offering five silage baggers nowadays. Four of them are powered by a tractor and one is self-propelled. All machines produced by us have two positions – for work and for transport. All models have a slow-moving rotor and a feedtable with a PVC belt. This technology has proved us for long time and it offers to a customer versatility and the guarantee of a perfectly filled bag. This conception, as the only one, can process grass silages both after the chopper and the silage loader wagons.

All our silage baggers are equipped with feedtable top stands in the standard equipment. It is possible to bag without a backstop at machines EB 310 LG, EB 316 LG and EB 310 GM. The machine operator does not have to take care about the underlying of outer ropes with a carton and he does not have to take care about the backstop. The inner cable loop does the main braking function, the rest of brake press is used with brakes in the wheels.

EB 308 LS
from 2.000 tons a year

The smallest silage bagger designed for farmers and small agricultural companies. The are produced in two versions – the version without a backstop with braking of the inner cable loop and the verison with the backstop in the case of the bagging after silage cars.

Power of a machine: **40 – 70t /an hour**
Rotor: **ø560 mm, working lenght 2340 mm, 96 fingers**
Needed tractor: **100 - 150 HP**
Hydraulic system: **from a tractor**
Constant flow: **max 70l/min – 180 bar**
Size of a tunnel: **2,4 m**
Transport speed: **20 km/h**

Equipment: raised sides of the table, tunnel extension, hydraulic rotation of wheels, inserting of the bag with a help of the loader.

EB 310 LS
from 4.000 tons a year

The middle-size silage bagger with a tunnel 2,4 – 3,0 m. This machine is for agricultural companies and farms. The silage bagger with fully basic equipment and high power.

Power of a machine: **70 – 120 t/an hour**
Rotor: **ø560 mm, working lenght 2650 mm, 108 fingers**
Needed tractor: **160 - 200 HP**
Hydraulic system: **from a tractor**
Constant flow: **70l/min – 180 bar**
Size of a tunnel: **2,4 m | 2,7 m | 3,0 m**
Transport speed: **20 km/h**

Equipment: raised sides of the table, tunnel extension, hydraulic rotation of wheels, a small mechanical crane for attaching a bag, a backstop with ropes 75 m, hydraulic cleaning of a bottom sliding under the rotor.

SILAGE **BAGGERS** WITH REMOTE CONTROLS

We use modern technology

We use the remote control for maximal comfortness of the operating at silage baggers EB 310 LG and EB 316 LG. The remote control is used for disassembling the machine from working to transport position. The remote control works on the base of Bluetooth and thanks to this technology it is possible to control the machine through the mobile phone with the system Adroid when the remote control is broken or somebody forgets it (it is usually done that anybody never forgets his telephone anywhere).

The self-riding silage bagger EB 310 GM is operated with the remote control too and the function is through the radio transmission. The operating of the machine is very accurate and gentle and thank to this the operator does not have to sit inside the cabin of the machine (there is no view during transporting the machine from one place to another), he has the machine fully under the control.

EB 310 LG
from 7.000 tons a year

The silage bagger is determined, especially, for bigger agricultural companies and for service companies. This silage bagger has the highest level of equipment and it is concentrated on high power and the maximal comfortness for the operator.

Power of the machine: **80 – 150 t/an hour**
Rotor: **ø560 mm, working lenght 2650 mm, 108 fingers**
Needed tractor: **180 - 230 HP**
Hydraulic system: **from a tractor through a pump**
with LOAD SENSING (or without it)
Sizes of a tunnel: **2,4 m | 2,7 m | 3,0 m**
Transport speed: **40 km/h**

Equipment: raised sides of the table, tunnel extension, hydraulic rotation of wheels, a small mechanical crane for attaching a bag, a backstop with ropes 75 m, internal braking system for maize and other material (bagging without the backstop), proportional switchgear Sauer Danfoss, hydraulic cleaning of a bottom sliding under the rotor, the unique tractor connection system in both position without disconnection – QUICK system, LED working lighting, the sensor of a trailer with light signal, the cover over a work plarform.

EB 316 LG
from 15.000 tons a year

The silage bagger is determined, especially, for big agricultural companies and for biogas stations. A tunnel of the machine is 3,6 m for saving space. This silage bagger has the highest level of equipment and it is concentrated on high power and the maximal comfortness for the operator.

Power of the machine: **80 – 150 t/an hour**
Rotor: **ø560 mm, working lenght 2650 mm, 108 fingers**
Needed tractor: **180 - 230 HP**
Hydraulic system: **from a tractor through a pump**
with LOAD SENSING (or without it)
Sizes of a tunnel: **3,6 m**
Transport speed: **40 km/h**

Equipment: raised sides of the table, tunnel extension, hydraulic rotation of wheels, a small mechanical crane for attaching a bag, a backstop with ropes 90 m, internal braking system for maize and other material (bagging without the backstop), proportional switchgear Sauer Danfoss, hydraulic cleaning of a bottom sliding under the rotor, the unique tractor connection system in both position without disconnection – QUICK system, LED working lighting, the sensor of a trailer with light signal, the cover over a work plarform.

EB 310 GM
from 15.000 tons a year

The self-riding machine is determined for big agricultural companies, for service companies and for companies with limited storage place for feed. There is the maximal comfortness for the operator thanks to the air-conditioned cabin with a seat, silent running of the machine.

Power of a machine: **80 – 150 t/an hour**
Rotor: **ø560 mm, working lenght 2650 mm, 108 fingers**
Drive unit: **Perkins 1206F ETA with performance 225 HP**
according to the norm TIER STAGE IV FINAL
Hydraulic system: **complete system SAUER DANFOSS**
including the software and logic of traffic
Sizes of a tunnel: **2,4 m | 2,7 m | 3,0 m**
Transport speed: **40 km/h** – behind a tractor

Equipment: raised sides of the table, tunnel extension, CAVOTEC remote control for movement of the machine – 4 modes, 4x4 wheel drive, a cabin with the air-conditioned heating system and a radio, the automatic control of load of the machine against the engine cushioning, hydraulic small mechanical crane for attaching a bag, a backstop with ropes 75 m, internal braking system for maize and other material (bagging without the backstop), hydraulic cleaning of a bottom sliding under the rotor, LED working lighting, the sensor of a trailer with light signal.

STORAGE OF **CRIMPED** WET **GRAIN**

GRAIN STORED IN **WET, CRIMPED** STATE

The crimping of wet maize or grain gives us the whole line of advantages and it has been expanding to all European farms and to other countries recently. The trend of the pressing of wet grain is being solved in every agricultural company with highly quality and energic feed for milk farms at present. The ripeness of the grain should be optimally in range 35 – 40 %, which is considerably higher amount than at the harvest of dry grain.

Advantages:

- It is possible to harvest wet grain more earlier from a field before it reaches its ripeness. The field can be prepared early for sowing of winter grain.
- High energy value of grain
- High sugestibility – more than 98 %
- Reducing the risk of weather effects – the harvest is earlier
- Much lower costs – it is not required drying of grain
- Higher proportion of water-soluble sugars and less starch compared to dried grain

EC 22

A small farmer grain crimper with a tunnel 1,5 – 2,0 m for small farms with a simple disk drive.

Power of a machine: **8 – 15 tons/an hour***
Needed tractor: **80 - 120 HP**
Size of a hopper: **2,1 m³**
Transport speed: **20 km/h**
Size of a tunnel: **1,5 | 2,0 m**
Weight of a machine: **2.100 kg**

Equipment: simple axle hydraulically braked for work, a holder of one barrel, an applicator of chemicals with nozzles, magnets against metals above the disc drive.

EC 44

A Professional high-powered crimper of grain with tunnels 1,5 – 2,4 m with double disk drive. This machine is determined for bigger agricultural companies and for service companies.

Power of a machine: **20 – 40 tons/an hour***
Needed tractor: **120 - 180 HP**
Size of a hopper: **7,0 m³**
Transport speed: **40 km/h**
Size of a tunnel: **1,5 | 2,0 m | 2,4 m**
Weight of a machine: **4.380 kg**

Equipment: tandem axle with suspension, fenders, a platform for IBC barrel about volume 1000 liters, a toolbox, an applicator of chemicals with nozzles, magnets against metals above the disc drive, a ladder for controlling the space in the hopper, control sampling.

*The power of machines depends on many aspects such as: weather effects, grain humidity, a shape and a type of grain, roughness/fineness of crushed grain.

SILAGE **BAGS**

We have concentrated on the manufacture of silage bags since the beginning of the company. At first, we produced bags only for the Czech and Slovak market and it contained the range of goods from 8 ft to 10 ft bags.

Bigger development has taken place as a result of the cooperation with the Finnish manufacturer of foils AB Rani Plast Oy, who has still been the only supplier of foils for the production of bags. We expanded to the European markets step by step and we are concentrating on the states out of Europe at present, too.We expended the range of bags from the diameter 1,2 m to 3,6 m in the lenghts of bags to 120 metres.

The original use of bags for silage and sugarbeet pulps has been expanded significantly to the storage of by-products of food industry (brewer's grain, maize grain, etc.), the storage of dry and wet grain and the production of compost in bags.

The foil is produced without the usage of recyclable material with an emphasis on the high mechanical parameters, such as the tensile strenght, the maximal extension, dart drop, the tear resistence.

Thickness of bags is based on the diameter of a bag (180 – 250μm) and on the final use of the bag according to the density, humidity and the rate of compression of stored material. Each bag has the own serial number because of looking up the date and time of the foil production and series of foil production at out supplier.

There are offered vent valves, closing zippers and tools for their aplication as a part of the offer of the bags.

The diameter of a bag - m/ft	The lenght of a bag - meters	The amount of feed for one bag – tons	The amount of feed in one metre of the bag – tons	Storable feed (common or rather recommended)
1,5/5´	60	50 - 70	0,9 - 1,3	Crinped grain, brewer's grain Sugarbeet pulps
2,0/6,5´	60	100 - 120	1,8 - 2,2	Crimped grain (CCM), brewer's grain, sugarbeet pulps
2,4/8´	75	190 - 210	2,8 - 3,1	Crimped grain (CCM), brewer's grain, sugarbeet pulps, grass silage, maize silage
2,7/9´	75	240 - 260	3,6 - 3,9	Grass silage, maize silage, sugarbeet pulps, crimped grain (CCM), the whole dry grain
3,0/10´	75	310 - 350	4,5 - 5,1	Grass silage, maize silage
3,6/12´	90	520 - 580	6,3 - 7,0	Grass silage, maize silage

Values of the stored quantity in bags and quantity in one metre of the bag are only indicative. Values can vary in the important way because of some cases (weather effects during the harvest, nontraditional stored materials, etc.).

STORAGE OF **DRY GRAIN**

UNPACKING OF BAGS

The system of storage of dry grain was discovered in Argentina about 15 years ago and it was gradually expanded to the whole world. We adapted this system to the European market together with our customers and farmers in the field of grain storage. The storage of dry grain in bags gives us many economical and operational advantages and it is one of the alternative how to store dry grain effectively in the different climatic conditions. A big amount of air breaks away the bag during the bagging of grain and one rest percent is used by stored grain, living organism, insects. It is changed to carbon dioxide by the breathing of cells. The balance between the concentration of oxygen and the concetration of carbon dioxide happens approximately after 30 days after storing grain to the bag. The breathing of cells stops approximately after 45 – 50 days and the bag containing carbon dioxide does not allow to survive any insect in the bag.

The storage of grain in bags is offered as a complex unit, which includes the delivery of bags, grain bagggers and grain extractors. It can transfer grain back into semi-trailers thank to the high screw.

This system is fully functional in all climatic conditions and works virtually on all continents of the world (except Antarctica, of course). The system is simple to operate, it is less investment demand and it is mobile movable. Thanks to this system you can prevent insect problems and maintain high grain quality for the food industry as well. Our bags have a certificate of competence for using in the food industry.

Grain Bagger D-9

A simple powerful grain bagger of dry grain to the bags with a screw and a tunnel 2,7 m.

Power of a machine: **200 – 250 t/an hour***
Needed tractor: **100 - 160 HP**
Size of a hopper: **4,0 m³**
Size of a tunnel: **2,7 m**
Weight of a machine: **2.000 kg**

Equipment: adjustable height of a drawbar, a sieve in the hopper against stones big objects, ventilation windows in the tunnel, viewports in the hopper, the ladder for controlling the hopper, disc brakes to adjut the filling pressure, the mechanical reel for putting on the bag, the cleaning window underneath the screw, the screw with stainless steel presses HARDOX.

Extractor EM-9

The machine is designed for cereals grain and maize corn picking from bags. Grain extracting is a quick and simple process with this machine. It allows to save time and minimize the loss of grain during the process of picking from bags.

Extracting capacity: **90 - 160 t/an hour** *
Needed tractor: **150 HP**
Lenght of a machine: **6850 cm**

Equipment: unloading screw, picking screw, tractor hitch, roller for setting, hold leg.

* The power of the machine depends on grain quality and its humidity

WE DELIVER OUR MACHINES TO ALL COUNTRIES OF THE WORLD.

EURO BAGGING, s.r.o.

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