



La GÉE LIVESTOCK EQUIPMENT

Resin for the livestock industry

THE EXPERIENCE
OF A MANUFACTURER
LEADER IN INNOVATION



CATALOG 2024-2025

www.lagee-livestock-equipment.com



Working for you for more than 45 years !

La Gée is a Cosnet Industries brand, around 300 employees over 14,5 hectares state-of-the-art industrial facility with integrated metallurgy, galvanization and plastics factories.



"LA GÉE" A BRAND OF THE COSNET INDUSTRIES GROUP"

The French family-owned group Cosnet Industries employs around 300 employees over 14,5 hectares of industrial facility. It gathers metallurgy (SAS Cosnet and SAS Pasdelou), plastics (SAS Polymoule-La Gée) and galvanization (SAS Galva 72).

Situated in one of the largest livestock farming regions in Europe, the "Grand-Ouest" region of France (incorporating Brittany and the Pays de la Loire), its products are used by breeders operating in an ever more competitive environment.

With its own research and development centre and highly advanced production facilities, it has been a leader in the livestock breeding market for 45 years.

In order to meet industry requirements, the Cosnet Industries Group has become ever more innovative and focused on the quality of its products. This involves testing products at its own experimental horse breeding farm.

LA GÉE is a brand of SAS Polymoule which has split its business into two divisions: the breeding division with the «La Gée Breeding» brand and the equine division with the «La Gée, horse equipment» division.

Created in 1989, SAS Polymoule is specialised in

the manufacture of polyethylene resin items using rotational and injection moulding processes, as well as the manufacture of boxes and shelters.

It comprises a roto-moulding workshop equipped with an automated micronisation station and a fleet of roto-moulding machines, including one a large model oven, unique in Europe, which allows it to manufacture large parts, while respecting the mechanical qualities of the resin. Its injection workshop also serves to produce injected handle tools, drinkers, grooming boxes, etc. Its wood workshop is also specialised in the manufacture of boxes and shelters.

In order to meet the user material and equipment requirements, SAS Polymoule works with other companies within the group which provide expertise in metalworking, plastics processing and hot galvanized surface treatment processes.

Many products have resulted from this association of skills, such our range of barrows combining a galvanized metal frame with a roto-moulded polyethylene resin container. This combination of know-how enables us to optimise and develop the La Gée product ranges.

Since its creation, the company has continued to grow

steadily and to invest in various manufacturing tools, as well as making significant investments in research and development. SAS Polymoule also regularly registers major patents within its core business to remain at the technical cutting edge.

La Gée products are distributed worldwide via a network of distributors specialised in the sale of products for breeders and farmers or products for horse riders or for professional or private horse owners.

SAS Polymoule adopts an environmentally responsible approach and is committed to sustainable development. Thanks to its well-managed production line, it recycles over 95% of its manufacturing process waste.

Other concrete actions have been implemented at all stages from production to shipment. These have led to an optimisation of electricity and gas consumption, the recycling of wood, paper, ink cartridges, plastics and more.

A WORLDWIDE DISTRIBUTOR NETWORK



Your equipment is designed, developed and **MANUFACTURED IN FRANCE**



| | |
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+ product

New

Patented



Gives the key benefits of the product.



Latest innovations to meet your expectations.



We file patents on our products to protect the innovation that will serve your passion.





Zootechnical tips

Installation tips:

A dairy cow consumes large quantities of water (around 75 liters each day at an ambient temperature of 15° C) and drinks very quickly (15 to 18 liters per minute). A group watering place should be provided for every 20 cows with a minimum of 2 separate drinkers. A minimum volume of 70 liters per drinker can compensate for insufficient water flow. However, excessive reserves of water can make it difficult to ensure high-quality.

REQUIREMENTS OF A DAIRY COW:

- A dairy cow's consumption varies according to several factors:
 - during the summer, a cow may consume up to 140 liters of water per day.
 - during the winter, it may drop to 25 liters.
 - Overall, a lactating cow consumes on average between 60 and 95 liters per day while a dry cow consumes from 30 to 40 liters.
 - after being milked, cows consume 40% of their water needs.
- A drinker should be located near the milking parlour exit.
- milk production requires water. Approximately 3 liters of water must be consumed to produce 1 kilo of milk; 3 to 7 liters of water are necessary for the digestion of 1 kilo of dry matter.

Water quality:

- the quality of the water is very important; it greatly impacts the production quality of milk as well as meat.
- water must be cool; 1 liter of water at 8° C to 10° C can cause an animal to burn up to 30 calories just in order to warm the water to the animal's body temperature of 38.5° C. This may prompt cattle to eat larger amounts of feed.

REQUIREMENTS OF A NURSING COW:

- the consumption of a cow that is nursing varies according to several factors:
 - in summer, a cow and its calf may consume up to 80 liters of water per day, i.e. 65 liters for the cow and 15 liters for the calf.
 - during the spring, the needs of a cow and its calf may drop to 40 liters.

Our advice for watering animals.

Animals gather around troughs during 50 to 60% of the day. In order to optimize feed/water ratio, they should be no more than 200 m from water source in the pasture.

We recommend placing field water troughs in semi-shaded positions for several reasons:

- algae develop much more slowly if water is sheltered from UV rays.
- on hot days, cattle move to watering points more easily if some shade is provided.

We recommend installing several watering points in the same pasture for several reasons:

- the ground will be less muddy around several troughs.
- dominant animals cannot prevent others from drinking.
- the volume of water that stagnates will be less, thus of higher quality

Technically, the ideal configuration would be:

- a minimum 500 L trough for herds of 30-40 cattle.
- a minimum flowrate of 30 liters /min so that 6-8 cattle can drink at the same time.

To maximize the service life of water troughs, install them on a flat, bump-free surface.



Which drinker should I choose for my installation?

PUSH-TYPE DRINKERS

Our drinkers offer a new, patented water supply system that is highly innovative in the livestock watering domain:

All our push-type drinkers are standard fitted with a « pilot valve » in brass or stainless steel adjustable from 1 to 19 l/min. The water supply is a 3/4" female thread which can be connected in any directions.

Horizontal « pilot valves » in brass have interchangeable pushers without changing the drinker.

Vertical « pilot valve » in brass as well as our vertical and horizontal « pilot valves » in stainless steel are equipped with the « tube » pusher only.

CONSTANT LEVEL DRINKERS

Constant level drinkers provide animals with a constantly available water supply.

The water level is defined through a valve which opens automatically. Ideal for a pressure of 3 to 4 bars maximum.

Rotomolded resin models have bottom and side-mounted water supply connections.

Our push-type drinkers are equipped with "Pilot Valve" mechanism



The pilot valve is very easy to use.

Simple and quick adjustment:

the access at the end of the pilot valve allows the user to change the flow rate from 1 to 19 l/minute with a screwdriver without removing the paddle.

Mechanism fastening:

the water flow regulator and filter of this "pilot valve" are secured on the front by a clamping nut. The nut also protects against freezing by preventing the flow regulator from being forced out of the valve by the ice column.

Easy maintenance :

the user can, without removing the drinker from the wall, remove the filter from the front of the pilot valve for cleaning (upstream of the flow regulator).

Use:

Water supply located at the rear of the drinker available with 2 kind of valves :

- 1) Horizontal pilot valve : 3/4" female thread to be connected in any directions,
- 2) Vertical pilot valve : 3/4" female thread to be connected from the top or the bottom.

This system allows the easy installation of a basic water circuit or anti-freeze loop on mounting.

Easy maintenance. 1 unique kit of maintenance for all push-type drinkers.















The pusher can be changed on the brass vertical pilot valve at any time.



Advantages of La Gée mechanism



Standard spare parts on all water trough models

| Type of valve | | Pusher mechanism | Flow controller | Filter* | Pusher |
|---|----------------------------|---|---|---|---|
|  | Horizontal brass |  Standard fitting |  Standard fitting |  Standard fitting |  |
|  | Vertical brass | | | |  |
|  | Horizontal stainless steel | | | |  |
|  | Vertical stainless steel | | | |  |
|  | Standard stainless steel | |  Optional* |  | |

*Using a filter can reduce the flow rate from about 3l/min to 3.5 bar.

Float valve taps



Seven models can be used in all types of configurations.

The float valve is adjustable in height and length. They are equipped with :

- an indexer, aerator, and water stop to halt the flow in the system at any time.

And available in different versions :

- 15 litres/minute flow rate with green polypropylene float valve with or without height/flow adjuster screw.
- 32 litres/min flow rate, white translucent polypropylene float valve.
- 32 litres/min flow rate, white polypropylene float valve with height/flow adjuster screw.

Ideal for height regulation in small containers.

- Low pressure flow rate, black polypropylene float valve .

- High flow rate 42 litres/minute , brass body float valve with two factory fitted float valves.

Can be equipped with 2 extra float valves for any pressure above 4 bars. This float valve is suitable for our big drinkers.



WHICH DRINKER SHOULD I CHOOSE FOR MY INSTALLATION?

| FUNCTION ▶ | INDIVIDUAL DRINKERS | | | | | | | | | | | |
|--|-----------------------------|--------------------------|-------------------|----------------|--------------------------|-----------------|-------|----------------------|-----------------|-------------------|-------|----|
| SYSTEM ▶ | PUSH-TYPE DRINKERS/WATERERS | | | | | | | | | | | |
| MATERIAL ▶ | Cast iron | | | | | Stainless steel | | PE + Stainless steel | | | | |
| FINISHING ▶ | Resicoat | Resicoat | Enamel | Resicoat | Enamel | | | | | | | |
| DRINKER ▶ | Polyfirst PF1 | Polyself PF2 | Polyself PF2 plus | Polydrink PF3* | Polydrink PF3* plus | PI 12 | PI 13 | Résinox | Autodrink | | | |
| Cast iron drinkers are presented here with tube for push-types and with resicoat finish. | | | | | | | | | | | | |
| MODEL ▶ | Tube | Tube | VP | HP | Tube | Tube | Tube | Tube | Tube | Tube | VP | HP |
| MECANISM ▶ | Brass | Brass or Stainless steel | | Brass | Brass or Stainless steel | | Brass | Stainless steel | Stainless steel | Stainless steel** | Brass | |
| Catalog Page ▶ | 8 | 9 | | 9 | 10 | | 10 | 12 | 12 | 13 | 14 | |
| Anti-spill | | - | ● | ▲ | ● | ▲ | - | - | - | - | - | - |
| Protection | | - | ● | ■ | ● | ■ | - | - | ● | ● | ● | ● |
| Calf | | | | | | | | | | | | |
| Dairy Cow | | | | | | | | | | | | |
| Suckling Cow | | | | | | | | | | | | |
| Foal | | | | | | | | | | | | |
| Horse | | | | | | | | | | | | |
| Sheep | | | | | | | | | | | | |

Recommended

- Recommended
- Possibility
- Not Recommended

Options

- Protection
- Anti-spill
- Recommended
- Possible
- Standard fitting

Mecanism

** Résinox : top and bottom outlet – 3/4" female thread (20/27 mm).

***Polyflex without 360° T (optional). 1/2" male thread (15/21 mm).

* To be used between two stalls

| Device | PUSH-TYPE DRINKERS | | | CONSTANT LEVEL DRINKERS | |
|---|--|--------------------------|---|------------------------------|-------------------------------------|
| | Individual | | | Individual | |
| | Cast iron | Stainless steel | PE | PE | Cast iron |
| Non-heated | Polyfirst PF1 Polyself PF2 Polydrink PF3 | PI12 PI13 Polyporc | Autodrink Polyflex Résinox PE10 PE11 Polyspring II | Polyflex NC Polyspring II | Polyfast PF5 Polyfast double PF6 |
| Heated with a transformer as option | | | Polyspring II heated Heated Résinox | Polyspring II heated | |



• POLYFIRST PF1 DRINKER

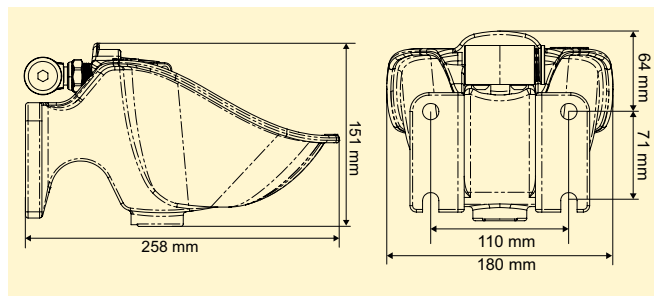


Ideal for learning and small animals.

The POLYFIRST PF1 is a push-type drinker/waterer with a small cast iron bowl, suitable for the morphology of young cattle or sheep.



- System : push-type
- Mechanism : horizontal pilot valve
- Material : cast iron
- Fastening : wall
- Device : heating as an option
- Connection diameter : 3/4" (20/27 mm)
- female thread
- Drain plug : Ø 22 mm



| Pusher | Finish | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|----------|-------|-----------|------------|-----------|----------------|
| Tube | Resicoat | Brass | Bag | P113 01 42 | | |



• ACCESSORIES FOR DRINKERS

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS

- Material : galvanised steel

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|----------------------------------|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/PF6/ Polyflex | P113 07 33 | | |



HORIZONTAL SUPPLY LOOP FOR WATER CIRCULATION

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 25 | | |

- Model : horizontal
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel



VERTICAL SUPPLY LOOP FOR WATER CIRCULATION


| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |

- Model : vertical
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

Details, accessories and maintenance → pages 43 to 49



• POLYSELF PF2 DRINKER

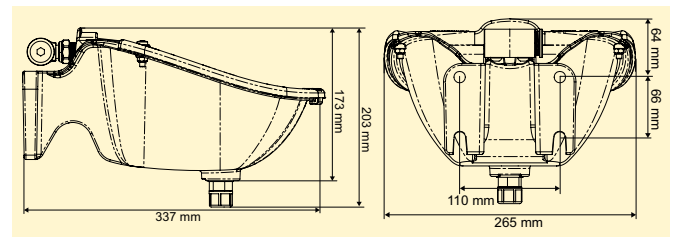
+PRODUCT  **Simple and economical. Multi-directional supply.**

The Polyself PF2 is a drinker with a large cast iron bowl. It is suited to the morphology of adult animals.



- System : push-type
- Mechanism : horizontal pilot valve
- Material : cast iron
- Fastening : wall

- Device : heating as an option
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : Ø 15/21 mm



| | pusher | Finish | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------------------|----------|-----------------|-----------|------------|-----------|----------------|
| 1 | Tube | Resicoat | Brass | Bag | P113 01 64 | | |
| | | Resicoat | Stainless steel | Bag | P113 01 66 | | |
| 2 | Horizontal paddle | Resicoat | Brass | Bag | P113 02 18 | | |
| 3 | Vertical paddle | Resicoat | Brass | Bag | P113 02 24 | | |

• POLYSELF PF2 PLUS WITH ANTI-SPILL RIM

+PRODUCT  **Sturdy-built bowl with anti-spill rim.**

With anti-spill rim.

| | Pusher | Finish | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|---|--------|-----------|-------|-----------|------------|-----------|----------------|
| 4 | Tube | Enamelled | Brass | Boxed | P113 02 07 | | |

• ACCESSORIES FOR DRINKERS

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|------------------------------|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/PF6/Polyflex | P113 07 33 | | |

ANTI-SPILL

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| PF2 | P113 07 53 | | |

DRINKER PROTECTION

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|------------|-----------|----------------|
| PF2/PF5/Polyflex | P113 07 37 | | |

HORIZONTAL SUPPLY LOOP FOR WATER CIRCULATION

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 25 | | |

- Model : horizontal
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

VERTICAL SUPPLY LOOP FOR WATER CIRCULATION

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |

- Model : vertical
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

Details, accessories and maintenance → pages 43 to 49



• POLYDRINK PF3 DRINKERS

+PRODUCT **Large bowl - suitable between 2 pens.**

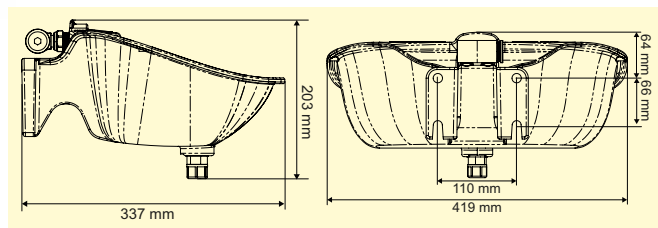
PF3 drinkers are made with a large bowl suitable between two pens in the shed.



POLYDRINK PF3 DRINKER



- System : push-type
- Mechanism : horizontal pilot valve
- Material : cast iron
- Fastening : wall
- Device : heating as an option
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : Ø 15/21 mm



| | Pusher | Finish | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|---|--------|----------|-----------------|-----------|------------|-----------|----------------|
| 1 | Tube | Resicoat | Brass | Bag | P113 01 78 | | |
| 2 | Tube | Resicoat | Stainless steel | Bag | P113 01 80 | | |

Recommendations !

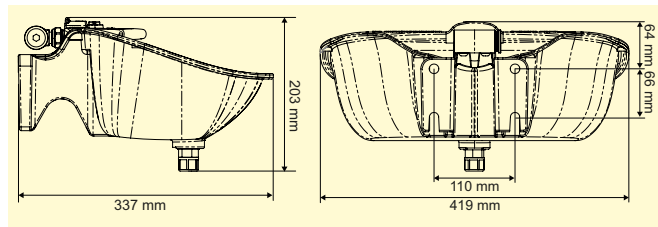
| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Dairy Cow | 10 | 0.70 to 0.80 m |
| Suckling Cow | 15 | 0.70 to 0.80 m |

POLYDRINK PF3 PLUS DRINKER WITH ANTI-SPILL RIM



+PRODUCT **Large bowl. Suitable between 2 pens.**

- System : push-type
- Mechanism : horizontal pilot valve
- Material : cast iron
- Fastening : wall
- Device : heating as an option
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : Ø 15/21 mm



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Dairy Cow | 10 | 0.70 to 0.80 m |
| Suckling Cow | 15 | 0.70 to 0.80 m |

• ACCESSORIES FOR DRINKERS

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS

■ Material : galvanised steel

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|--------------------------------|------------|-----------|----------------|
| PF1/ PF2/PF3/PF5/PF6/ Polyflex | P113 07 33 | | |



DRINKER PROTECTION



■ Material : galvanised steel

■ Fastening : wall

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| PF3/PF6 | P113 07 39 | | |

Details, accessories and maintenance → pages 43 to 49

HORIZONTAL SUPPLY LOOP FOR WATER CIRCULATION

- Model : horizontal
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 25 | | |



VERTICAL SUPPLY LOOP FOR WATER CIRCULATION

- Model : vertical
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |



ANTI-SPILL



■ Material : cast aluminium

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| PF3 | P113 07 56 | | |



PI DRINKERS

Stainless steel one-piece drinker, single bowl with curved rim (limiting splashing). Fastening with a stainless steel wall mounting plate by oblong holes. ectly fitted on a metallic post with no specific flange.

PI12 DRINKER



Connection from the top. Non-adjustable flow rate and without filter.

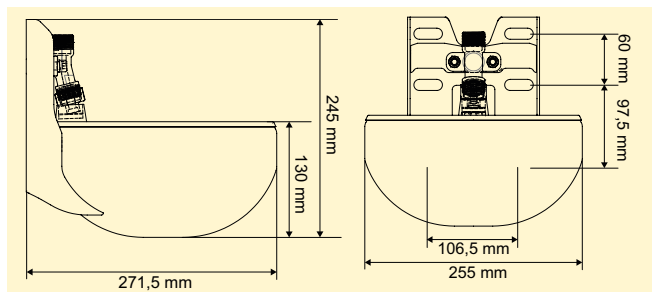
- Material : stainless steel
- System : push-type
- Connection diameter : 1/2" (15/21 mm) - male
- Mechanism : single stainless steel
- Fastening : wall
- Device : non heating
- Filter : optional



| Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-----------------|-----------|------------|-----------|----------------|
| Tube | Stainless steel | Bag | P113 06 11 | | |



Reinforced hygiene. Easy to clean.



| Recommendations ! | | |
|-------------------|----------------------------|---------------------|
| Animal type | Animal quantity per trough | Installation height |
| Calf | 10 | 0.45 m |
| Dairy Cow | 5 to 10 | 0.70 to 0.80 m |

PI 13 DRINKER



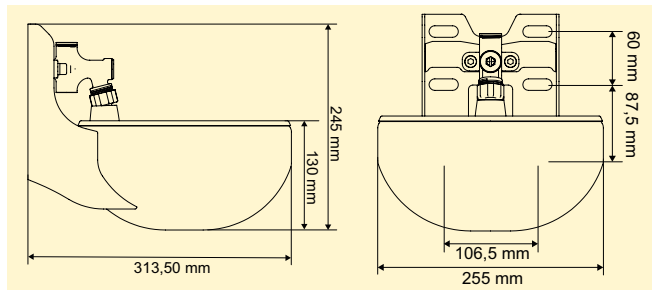
- Material : stainless steel
- System : push-type
- Connection diameter : 3/4" (20/27 mm) - female
- Mechanism : stainless steel vertical pilot valve
- Fastening : wall
- Device : Heated optional
- Filter : original



| Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-----------------|-----------|------------|-----------|----------------|
| Tube | Stainless steel | Bag | P113 06 17 | | |



Stainless steel and economical drinker. Water connection from the top and bottom. Easy to clean and to fix either on a wall or on a post.



| Recommendations ! | | |
|-------------------|----------------------------|---------------------|
| Animal type | Animal quantity per trough | Installation height |
| Calf | 10 | 0.45 m |
| Dairy Cow | 5 to 10 | 0.70 to 0.80 m |

These drinkers are designed to be fastened directly on a Ø 76 mm or 102 mm post using P1130741 and P1130742 U-bolts.



Details, accessories and maintenance → pages 43 to 49

VERTICAL SUPPLY LOOP FOR WATER CIRCULATION

- Model : vertical
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |

U-BOLTS FOR DRINKERS ON POSTS

- Material : Stainless steel

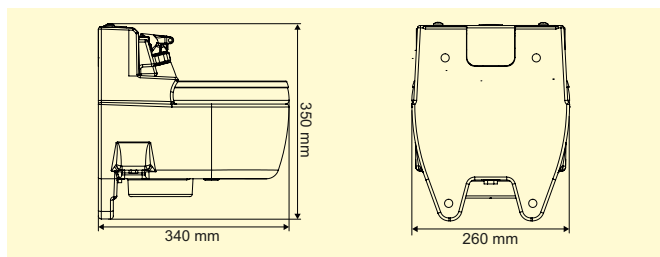
| Diameter mm | For Drinker | Code The pair | € Ex. VAT | Packing Dealer |
|-------------|---------------------|---------------|-----------|----------------|
| 76 | PI12/PI13/PE10/PE11 | P113 07 41 | | |
| 102 | PI12/PI13/PE10/PE11 | P113 07 42 | | |

Sold in pairs.



• RESINOX II DRINKERS

RESINOX II are drinkers with a stainless steel bowl designed with an easy to clean anti-spill rim. They ensure an excellent level of hygiene for livestock farming. Stainless steel bowls are recognised as least likely to allow bacterial development. The thick polyethylene resin bowl holder is designed to be very durable.



| Recommendations ! | | |
|-------------------|----------------------------|---------------------|
| Animal type | Animal quantity per trough | Installation height |
| Dairy Cow | 10 | 0.70 to 0.80 m |
| Suckling Cow | 15 | 0.70 to 0.80 m |
| Horse | 10 | 1 to 1.20 m |

NON-HEATING RESINOX II DRINKER



Easy to clean. Top or bottom supply.

- Fitted with:
- 1 horizontal pilot valve
 - 1 removable housing allowing easy access to the drinker mechanism.
 - 1 3/4" (20/27 mm) T fitting
 - 1 1/2" (15/21 mm) drain plug
 - top or bottom connection

- System : push-type
- Mechanism : horizontal pilot valve
- Material : stainless steel and rotomolded polyethylene resin
- Fastening : wall
- Device : non-heating
- Color : green
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : Ø 15/21 mm



| Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-----------------|-----------|------------|-----------|----------------|
| Tube | Stainless steel | Bag | P113 01 33 | | |

• ACCESSORIES FOR DRINKERS

DRINKER PROTECTION

- Material : galvanised steel
- Fastening : wall

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Résinox II | P113 07 38 | | |



HEATING RESINOX II DRINKER



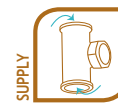
The heating version is ideal to protect against freezing.

- Fitted with:
- 1 horizontal pilot valve
 - 1 removable housing allowing easy access to the drinker mechanism.
 - 1 3/4" (20/27 mm) T fitting
 - 1 1/2" (15/21 mm) drain plug
 - 1 24 V heating element - 50 W
 - top or bottom connection

Option : transformer and thermostat.

Thanks to its factory fitted stainless steel T fitting, it can be connected in a circulation loop. The 24 V electrical connection is in a derivation box directly rotomolded into the Resinox body fastened beneath the drinker. The 50 W heating element is fixed on a cast aluminium mounting plate which is itself fixed inside the PE bowl holder .

- System : push-type
- Mechanism : horizontal pilot valve
- Material : stainless steel and rotomolded polyethylene resin
- Fastening : wall
- Device : heating
- color : blue/grey
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : Ø 15/21 mm



| Pusher | Rating W | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|----------|-----------------|-----------|------------|-----------|----------------|
| Tube | 50 | Stainless steel | Bag | P113 01 37 | | |

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Resinox II | P113 07 36 | | |



Details, accessories and maintenance → pages 43 to 49



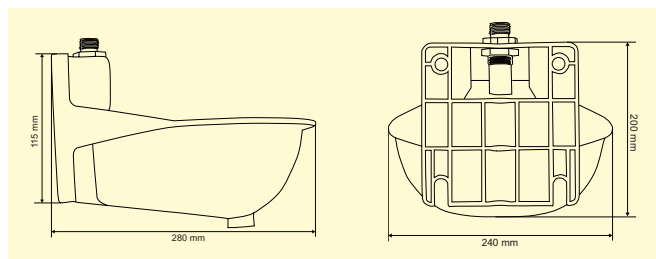


• **AUTODRINK DRINKERS**



Simple and economical.

Water flow rate adjustable up to 14 liters per minute by cutting the plastic cone located inside the mechanism under the filter. Gentle push paddle mechanism with an anti-splash tube-type nozzle. Fitted with a sturdy mounting plate and two openings at the bottom for easier installation. Cleaning plug (Ø 19 mm). Brass valve mechanism with a male 1/2" (15/21 mm) thread on top and fitted with a filter. Tube and vertical paddle models facilitate access to the bowl for cleaning.



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Calf | 10 | 0.45 m |
| Dairy Cow | 5 to 10 | 0.70 to 0.80 m |
| Foal | 10 | 0.70 m |
| Horse | 5 to 10 | 0.90 m |
| Sheep/Goat | 20 | 0.50 to 0.60 m |

Options : flange for post mounting, metallic protection, and corner bracket.

- System : push-type
- Mechanism : single
- Material : injected polythene resin
- Fastening : wall
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - male
- Drain plug : Ø 19 mm - flexible



| | Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------------------|-------|-----------|------------|-----------|----------------|
| 1 | Tube | | | P113 01 01 | | |
| 2 | Horizontal paddle | Brass | Boxed | P113 01 03 | | |
| 3 | Vertical paddle | | | P113 01 05 | | |

• **ACCESSORIES FOR DRINKERS**

DRINKER PROTECTION

- Material : galvanised steel
- Fastening : wall

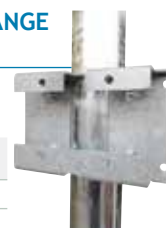
| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Autodrink | P113 03 01 | | |



MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS ON POST

- Material : galvanised steel

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Autodrink | P113 03 02 | | |



ANGLE MOUNTING PLATE

- Material : galvanised steel
- Fastening : wall

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|--|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/Autodrink/ Polytlex/PE10/PE11 | P113 07 47 | | |



Details, accessories and maintenance → pages 43 to 49



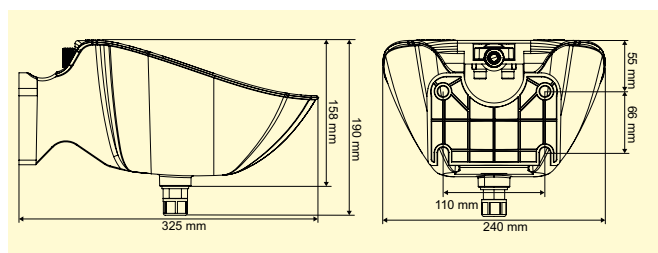
• POLYFLEX DRINKERS

+PRODUCT **Rot-proof. Flexible and sturdy-built bowl. Suitable for all animals**

The Polyflex is a push-type drinker/waterer designed with a flexible injected polythene bowl. The bowl is designed to flex on contact with animals, avoiding breakage due to repeated friction.



- System : push-type
- Mechanism : horizontal pilot valve
- Material : injected polythene resin
- Fastening : wall
- Device : heating as an option
- Connection diameter : 1/2" (15/21 mm) - male
- Drain plug : Ø 24 mm - flexible



| Recommendations ! | | | |
|-------------------|-------------|----------------------------|---------------------|
| | Animal type | Animal quantity per trough | Installation height |
| | Calf | 10 | 0.45 m |
| | Dairy Cow | 5 to 10 | 0.70 to 0.80 m |
| | Foal | 10 | 0.70 m |
| | Horse | 5 to 10 | 1 à 1.20 m |
| | Sheep/Goat | 25 | 0.50 to 0.60 m |

Returns to original shape after flexing.



• ACCESSORIES FOR DRINKERS

ANGLE MOUNTING PLATE

- Material : galvanised steel
- Fastening : wall

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|--|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/Autodrink/ Polyflex/PE10/PE11 | P113 07 47 | | |

DRINKER PROTECTION

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|------------|-----------|----------------|
| PF2/PF5/Polyflex | P113 07 37 | | |

SWIVEL NUT 3/4" FEMALE T FITTING

- Thread : female
- Connection diameter : Inlet 1/2" (15x21 mm) - Outlet 2x 3/4" (20x27 mm)

| Material | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| brass | P113 08 17 | | |

HORIZONTAL SUPPLY LOOP FOR WATER CIRCULATION

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 25 | | |

- Model : horizontal
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

VERTICAL SUPPLY LOOP FOR WATER CIRCULATION

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |

- Model : vertical
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel

Details, accessories and maintenance → pages 43 to 49



• PE DRINKERS

+PRODUCT **Anti-spill rim. Integrated protection.**

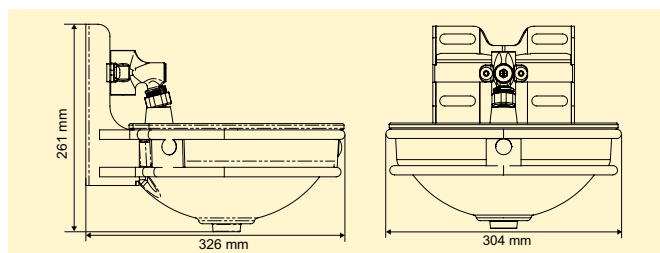
Polyethylene resin bowl with anti-spill device.
Sturdy mounting plate and galvanised steel wire drinker protection.
Fitted with:

- 1 vertical pilot valve
 - 1 valve plug
 - 1 flexible drain plug (Ø 25 mm).
- Top or bottom supply. Adjustable flow.



SINGLE PE 10 DRINKER

+PRODUCT **Fitted with galvanised protection. Easy to install on a wall or a post.**



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Calf | 10 | 0.45 m |
| Dairy Cow | 5 to 10 | 0.70 to 0.80 m |
| Suckling Cow | 10 | 0.70 to 0.80 m |
| Sheep/Goat | 20 | 0.50 to 0.60 m |

- Material : rotomolded polyethylene resin
- System : push-type
- Mechanism : vertical pilot valve
- Fastening : wall
- Device : heating optional
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : flexible - Ø 25 mm



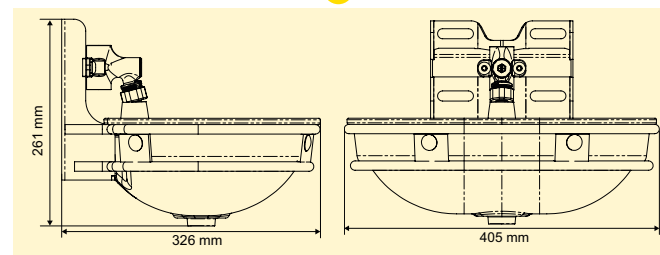
| Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-----------------|-----------|------------|-----------|----------------|
| 1 Tube | Brass | Bag | P113 01 14 | | |
| 2 Tube | Stainless steel | | P113 01 15 | | |

These drinkers are designed to be fastened directly on a Ø 76 mm or 102 mm post using P1130741 and P1130742 U-bolts.



DOUBLE PE 11 DRINKER

+PRODUCT **Large bowl. Easy to install on a wall or a post. Suitable between two pens.**



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Calf | 10 | 0.45 m |
| Dairy Cow | 5 to 10 | 0.70 to 0.80 m |
| Suckling Cow | 10 | 0.70 to 0.80 m |

- Material : rotomolded polyethylene resin
- System : push-type
- Mechanism : vertical pilot valve
- Fastening : wall
- Device : heating optional
- Connection diameter : 3/4" (20/27 mm) - female
- Drain plug : flexible - Ø 25 mm



| Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-----------------|-----------|------------|-----------|----------------|
| 3 Tube | Brass | Bag | P113 01 14 | | |
| 4 Tube | Stainless steel | | P113 01 15 | | |

• ACCESSORIES FOR DRINKERS

VERTICAL SUPPLY LOOP FOR WATER CIRCULATION

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |

- Model : vertical
- Thread : male
- Ø connection : 3/4" (20/27 mm)
- Material : stainless steel



U-BOLTS FOR DRINKERS ON POSTS

- Material : Stainless steel

| Diameter mm | For Drinker | Code The pair | € Ex. VAT | Packing Dealer |
|-------------|---------------------|---------------|-----------|----------------|
| 76 | PI12/PI13/PE10/PE11 | P113 07 41 | | |
| 102 | PI12/PI13/PE10/PE11 | P113 07 42 | | |

Sold in pairs.



• POLYFLEX NC DRINKERS



Corrosion-free.

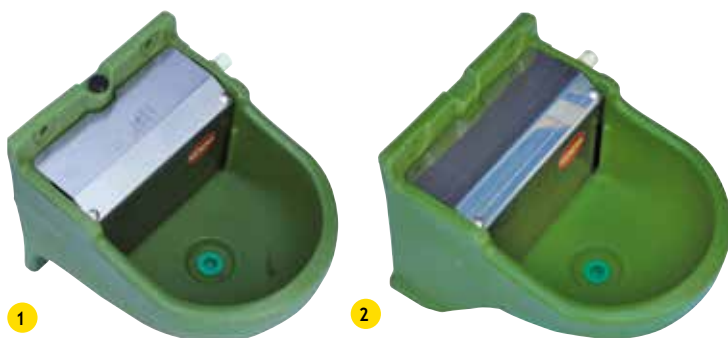
The POLYFLEX NC is a constant level drinker with a large heavy-duty rotomolded polyethylene bowl.

It is fitted with a sturdy mounting plate with four holes. The bottom two holes are reinforced with a galvanised mounting plate on the standard model. The bowl is equipped with a flexible cleaning plug (20 mm diameter). These drinkers are extremely reliable and multi-purpose.

They feature the La Gée 15 litres/minute green float valve tap with adjuster screw for water height and a 1/2" male water stop system on the right. Operates with a pressure of 3 to 4 bars maximum.

For use on a network with higher pressure, a pressure limiter and filters need to be installed upstream. Bowl volume: 3 liters.

There are two types of constant level Polyflex: standard Polyflex NC and reinforced Polyflex NC for small animals. They are adapted to the morphology of cattle, goats, dogs, and others.

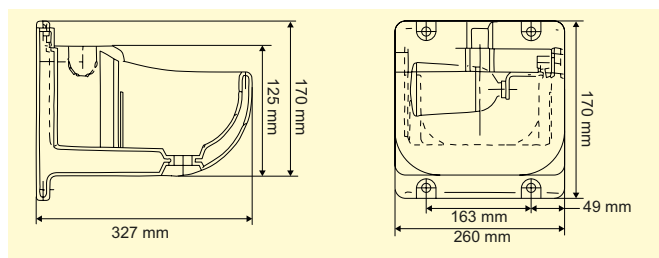


1

2



- System : constant level
- Mechanism : float valve tap
- Float valve : Polyamide green (P1138309)
- Material : rotomolded polyethylene resin
- Fastening : wall
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - male
- Drain plug : flexible - Ø 20 mm



| Type | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------------|-----------|------------|-----------|----------------|
| 1 Reinforced | Boxed | P113 01 09 | | |
| 2 Standard | Boxed | P113 01 07 | | |

| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Calf | 10 | 0.45 m | |
| Dairy Cow | 10 | 0.70 to 0.80 m | |
| Foal | 15 | 0.70 m | |
| Horse | 15 | 1 to 1,20 m | |
| Sheep/Goat | 25 | 0.50 to 0.60 m | |

• ACCESSORIES FOR DRINKERS

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS ON POST

- Material : galvanised steel

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Polyflex NC | P113 07 35 | | |



DRINKER PROTECTION

- Material : galvanised steel
- Fastening : wall

| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Polyflex NC | P113 07 45 | | |



PRESSURE REDUCER



Mandatory for any drinkers connected to the water network above 4 bars.

The reducer and pressure limiter allows you to adjust the water pressure. It connects directly to the water meter.

It is supplied with a radial pressure gauge that indicates the water pressure. It is designed for a maximum inlet pressure of 20 bars. Connection (20/27 mm).

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 92 | | |



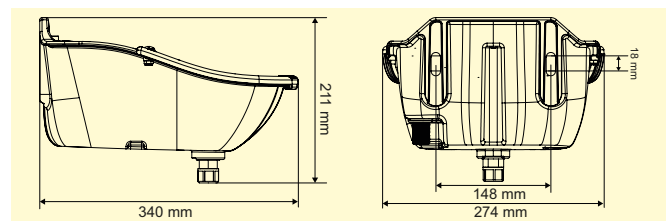
• POLYFAST PF5 AND PF6 DRINKERS

Drinkers with constant level, large bowl made of cast iron, single or double.

Fitted with a robust mounting plate with two oblong fastenings for easy mounting. Their mechanism is protected by a high-quality cast aluminium housing. They are fitted with the La Gée 15 litres/minute green float valve with a water height adjuster screw. In case of use on a network with higher pressure, it is mandatory to install a pressure limiter and filters.



- System : constant level
- Mechanism : float valve tap
- Float valve : Polyamide green (P1138315)
- Material : cast iron
- Fastening : wall
- Device : non heating
- Connection diameter : 1/2" (15/21 mm) - male
- Drain plug : Ø 15/21 mm



POLYFAST PF5 DRINKER

+PRODUCT **Sturdy-built universal bowl.**

| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Calf | 15 | 0.45 m | |
| Dairy Cow | 10 | 0.70 to 0.80 m | |
| Suckling Cow | 10 | 0.70 to 0.80 m | |
| Foal | 15 | 0.70 m | |
| Horse | 5 to 10 | 1 à 1.20 m | |
| Sheep/Goat | 25 | 0.50 to 0.60 m | |

| Finish | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|------------|-----------|----------------|
| 1 Resicoat | Bag | P113 02 66 | | |

POLYFAST PLUS PF5 DRINKER WITH ANTI-SPILL RIM

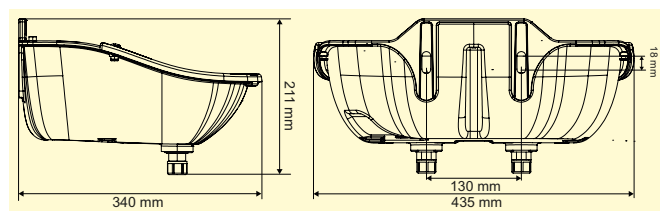
+PRODUCT **Sturdy-built universal bowl with anti-spill rim.**

| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Calf | 15 | 0.45 m | |
| Dairy Cow | 10 | 0.70 to 0.80 m | |
| Suckling Cow | 10 | 0.70 to 0.80 m | |
| Sheep/Goat | 25 | 0.50 to 0.60 m | |

| Finish | Packaging | Réf. Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|------------|-----------|----------------|
| 2 Enamelled | Boxed | P113 02 61 | | |



- System : constant level
- Mechanism : float valve tap
- Float valve : Polyamide green (P1138315)
- Material : cast iron
- Fastening : wall
- Device : non heating
- Connection diameter : 1/2" (15/21 mm) - male
- Drain plug : Ø 15/21 mm



POLYFAST PF6 DRINKER

+PRODUCT **Sturdy-built bowl. Suitable between two pens.**

| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Calf | 30 | 0.45 m | |
| Dairy Cow | 10 to 12 | 0.70 to 0.80 m | |
| Suckling Cow | 10 | 0.70 to 0.80m | |
| Sheep/Goat | 50 | 0.50 to 0.60 m | |

| Finish | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|------------|-----------|----------------|
| 3 Resicoat | Bag | P113 02 72 | | |

POLYFAST PLUS PF6 WITH ANTI-SPILL RIM

+PRODUCT **Sturdy-built bowl with anti-spill rim. Suitable between two pens.**

| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Calf | 30 | 0.45 m | |
| Dairy Cow | 10 to 12 | 0.70 to 0.80 m | |
| Suckling Cow | 10 | 0.70 to 0.80m | |
| Sheep/Goat | 50 | 0.50 to 0.60 m | |

| Finish | Packaging | Réf. Unit | U € HT | Colisage Distributeur |
|------------|-----------|------------|--------|-----------------------|
| 4 Resicoat | Boxed | P113 02 70 | | |

• ACCESSORIES FOR DRINKERS

DRINKER PROTECTION



■ Material : galvanised steel

■ Fastening : wall

| | For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|---|------------------|------------|-----------|----------------|
| 1 | PF2/PF5/Polyflex | P113 07 37 | | |
| 2 | PF3/PF6 | P113 07 39 | | |

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS ON POST

■ Material : galvanised steel



| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|------------------------------|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/PF6/Polyflex | P113 07 33 | | |

ANGLE MOUNTING PLATE

This multi-purpose galvanised bracket is intended to be fixed in an angle thus naturally protecting the drinker.

■ Material : galvanised steel

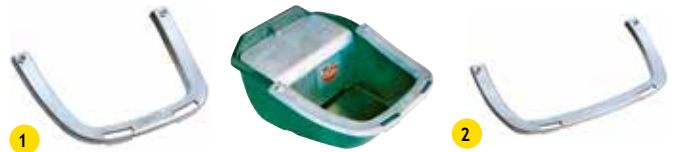
■ Fastening : wall



| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|--|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/Autodrink/Polyflex/PE10/PE11 | P113 07 47 | | |

Details, accessories and maintenance → pages 43 to 49

ANTI-SPILL



Clips on the drinker's rim thanks to two slots. Two pre-drilled holes for screw fastening in the drinker's rim.

■ Material : cast aluminium

| | For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------------|------------|-----------|----------------|
| 1 | PF5 | P113 07 54 | | |
| 2 | PF6 | P113 07 55 | | |

ANCHORING BRACKET

1/2" self-perforating anchoring bracket on 3/4" (20/27 mm) polyethylene pipe. Designed to be connected to PF5 and PF6 directly fastened to a hose. Delivered with seal.

■ Connection Ø : 1/2" (15/21 mm) - female



| Material | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|--------------|-----------|----------------|
| Stainless steel | P113 04 50 | | |

PRESSURE REDUCER

PRODUCT **Mandatory for any drinkers connected to the water network above 4 bars.**

The reducer and pressure limiter allows you to adjust the water pressure. It connects directly to the water meter. It is supplied with a radial pressure gauge that indicates the water pressure. It is designed for a maximum inlet pressure of 20 bars. Connection (20/27 mm).



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 92 | | |



• POLYSPRING II PUSH-TYPE DRINKERS/WATERERS

POLYSPRING drinkers are designed to be used in numerous configurations. Fitted with a pilot valve, they feature a wide heavy-duty double walled, rotomolded polyethylene bowl.

Their flow rate is adjustable from 0 to 18 liters/minute depending on the network pressure.

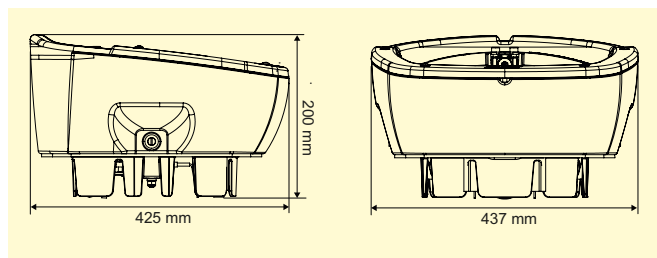
They are fitted with :

- Horizontal pilot valve,
- A reinforced cast aluminium mounting plate which can be directly fastened above the column,
- An antispill rim in cast aluminium.

Mounting recommendations:

should preferably be installed on a rotomolded THERMO M, S or S PLUS column depending on the required installation or type of livestock.

Water supply can be connected directly to the THERMO M, S and S PLUS columns since it is delivered with a 1/2 flexible stainless steel braided hose.



| Recommendations ! | | | |
|-------------------|----------------------------|-------------------------------|--|
| Animal type | Animal quantity per trough | To be set on column | |
| Dairy Cow | 10 | Thermo S or M 600 | |
| Suckling Cow | 15 | Thermo S or M 600 | |
| Horse | 10 | Thermo S or M 600 + polyraise | |

1 NON-HEATING POLYSPRING II PUSH-TYPE DRINKER/WATERER

+PRODUCT Designed to be set on PE Columns to protect from freezing. Suitable between two pens.

Fitted with a pusher tube. Possibility to switch the tube by a horizontal or vertical paddle. Can be upgraded with heating unit Polyresistance 80W-3A. Delivered without column.

Compatible with Thermo S600, S400, M and S PLUS columns.

- System : push-type
- Mechanism : horizontal pilot valve
- Material : resin and cast aluminium
- Fastening : column
- Device : non heating
- Connection diameter : braided hose 1/2" (15/21 mm) - female
- Drain plug : flexible - Ø 25 mm

| Pusher | Valve | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-------|-----------|------------|-----------|----------------|
| Tube | Brass | Boxed | P113 05 49 | | |



2 HEATING POLYSPRING II PUSH-TYPE DRINKER/WATERER

+PRODUCT Designed to be set on PE Columns. Suitable between two pens.

The heating Polyspring push-type drinker/waterer features:

- 1 polyresistance 24V - 80W,
- 1 LED indicator to show that the power is on.

Caution : it is recommended to order the thermostat and the right transformer suited to your facility and the number of heated drinkers. Delivered without column.

Compatible with Thermo S600, S400, M and S PLUS columns.

- System : push-type
- Mechanism : horizontal pilot valve
- Material : resin and cast aluminium
- Fastening : column
- Device : heating
- Voltage : 24 V
- Connection diameter : braided hose 1/2" (15/21 mm) - female
- Drain plug : flexible - Ø 25 mm



| Pusher | Valve | Rating W | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-------|----------|-----------|------------|-----------|----------------|
| Tube | Brass | 80 | Boxed | P113 05 46 | | |



Details, accessories and maintenance

pages 43 to 49

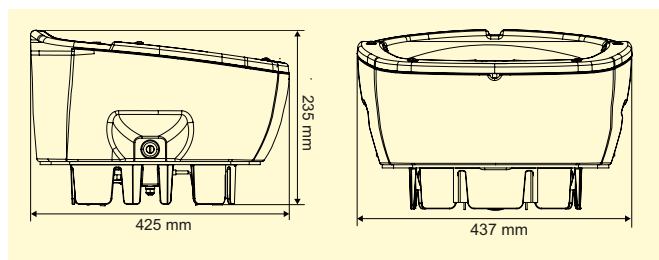
• POLYSPRING II CONSTANT LEVEL DRINKERS

POLYSPRING drinkers are designed to be used in numerous configurations. Fitted with a constant level mechanism, they are designed with a wide double-walled, rotomolded polyethylene bowl. Their mechanism is protected by a high-quality cast aluminium housing. The mechanism is 15 liters/minute depending on the pressure. The constant level model works ideally with pressure of 3 to 4 bars maximum.

They are fitted with:


- 1 LA GEE 15 litres/minute green float valve tap with adjustment screw,
- 1 water stop system,
- A cast aluminium mounting plate that can be directly fastened above the column,
- An anti-spill cast aluminium rim for optimal use without spillage, thus keeping bedding material clean.

In case of use on a network with higher pressure, it is mandatory to use a pressure limiter and filters. Mounting recommendations: should preferably be installed on a rotomolded THERMO M, S or S PLUS column depending on the required installation or type of livestock. Water supply can be connected directly to the THERMO M, S and S PLUS columns since it is delivered with a 1/2 flexible stainless steel braided hose.



| Recommendations ! | | | |
|-------------------|--------------|----------------------------|-------------------------------|
| | Animal type | Animal quantity per trough | To be set on column |
| | Caf | 15 | Thermo S 400 |
| | Dairy Cow | 10 | Thermo S or M 600 |
| | Suckling Cow | 15 | Thermo S or M 600 |
| | Foal | 15 | Thermo S 400 |
| | Horse | 10 | Thermo S or M 600 + polyraise |
| | Sheep/Goat | 25 | Thermo S 400 |

1 NON-HEATING POLYSPRING II CONSTANT LEVEL DRINKER

 **Designed to be set on PE Columns to protect from freezing. Suitable between two pens.**

The non-heating POLYSPRING II constant level drinker is upgradeable via an optional heater kit. Optional : Polyresistance 80W - 3VA. Delivered without column.

Compatible with Thermo S600, S400, M and S PLUS columns.

- System : constant level
- Mechanism : float valve tap
- Float valve : Polyamide colour green (P1138315)
- Material : resin and cast aluminium
- Fastening : column
- Connection diameter : braided hose 1/2" (15/21 mm) - female
- Drain plug : Ø 25 mm

| Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|------------|-----------|----------------|
| Boxed | P113 05 53 | | |



2 POLYSPRING II HEATING CONSTANT LEVEL DRINKER

 **Designed to be set on PE Columns to protect from freezing. Suitable between two pens.**

The heating Polyspring features:

- 1 24 V (80 or 180 W) polyresistance
- 1 integrated thermostat adjustable from 4 to 40°C for the 180 W model.
- 1 LED indicator to show that the power is on. Don't forget to order the thermostat and transformer suited to your facility.

The heating system provides calories to both the bowl and the water inlet.

The 180 W model is recommended for Nordic countries.

Caution : It is recommended to order the thermostat and the right transformer suited to your facility and the number of heated drinkers. Delivered without column.

Option : Polyresistance 80W-3A

Compatible with Thermo S600, S400, M and S PLUS columns.

- System : constant level
- Mechanism : float valve tap
- Float valve : Polyamide colour green (P1138315)
- Material : resin and cast aluminium
- Fastening : column
- Voltage : 24 V
- Device : heating
- Connection diameter : braided hose 1/2" (15/21 mm) - female
- Drain plug : Ø 25 mm

| Rating W | Packaging | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-----------|------------|-----------|----------------|
| 80 | Boxed | P113 05 56 | | |
| 180 | Boxed | P113 05 57 | | |



• COLUMNS FOR POLYSPRING II

Insulated with latest generation polyurethane foam, they naturally protect the water inlet from freezing. This prevents any loss of natural ground heat (3°C to 5°C) which keeps the POLYSPRING II non-freeze. They have been designed to improve and facilitate the mounting of all versions of POLYSPRING II drinkers.



THERMO COLUMN S TO FASTEN ON THE GROUND

+PRODUCT Column's double wall insulated with polyurethane. To be set on the ground.

For fastening on concrete floors, the THERMO COLUMN S 400 and 600 are ideal. A height of 400 mm is suited to small sized animals. A height of 600 mm is suited to larger animals. Factory fitted with four fastening holes in the base and a hole to accommodate the POLYSPRING drain pipe, on right or left (non-used side is closed by a flexible plug). Compatible with POLYSPRING II drinkers.

■Material : rotomolded polyethylene resin ■Fastening : ground

| | Height mm | Width mm | Depth mm | Code Unit | € Ex. VAT | Packing Dealer |
|---|-----------|----------|----------|------------|-----------|----------------|
| 1 | 400 | 416 | 416 | P113 05 69 | | |
| 2 | 600 | 416 | 416 | P113 05 67 | | |

POLYSPRING II PROTECTION

Metallic protection for POLYSPRING II set on thermo columns S. Strongly recommended in case of installation of our Polyspring II in free stalls.

■Material : galvanised steel ■Fastening : floor

| | Protective | Height mm | Code Unit | € Ex. VAT | Packing Dealer |
|---|------------------|-----------|------------|-----------|----------------|
| 3 | for Thermo S 400 | 630 | P113 05 72 | | |
| 4 | for Thermo S 600 | 790 | P113 05 71 | | |

5 **WALL THERMO COLUMN M**

The insulated THERMO COLUMN M is intended to hold all the POLYSPRING II drinkers in case of wall fastening or on 4-5 rails fence (Ø42.4 or 60.3 mm), using its 4 U-bolts delivered as standard.

■Material : rotomolded polyethylene resin ■Fastening : wall or on gate

| | Height mm | Width mm | Depth mm | Code Unit | € Ex. VAT | Packing Dealer |
|--|-----------|----------|----------|------------|-----------|----------------|
| | 600 | 481 | 400 | P113 05 61 | | |

6 **POLYRAISE RAISING EXTENSION FOR WALL THERMO COLUMN**

The POLYRAISE column raising extension is used to increase height of our Thermo column "M" for large animals. Mounted before pouring the slab, it groups water and electrical supply (when mounting a heating POLYSPRING II).

■Material : rotomolded polyethylene resin ■Fastening : wall

| Height mm | Width mm | Depth mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|----------|------------|-----------|----------------|
| 250 | 471 | 194 | P113 05 63 | | |

7 **THERMO COLUMN S PLUS SEAL-IN**

+PRODUCT Column's double wall insulated with polyurethane. To be cast in concrete slab (either H 400 or H 600 mm)

Insulated with polyurethane foam, it naturally protects the water inlet from freezing. Factory fitted with four fastening holes in the base and a hole to accommodate the POLYSPRING II drain pipe, on right or left (non-used side is closed with a flexible plug).

Allows a POLYSPRING II drinker to be mounted. Intended to be cast in concrete slab.

Placed on the ground, it is naturally protected by employing the ground temperature.

The column can be sealed in two different positions:




















- The column is sealed with 400 mm in the ground and 600 mm above ground: recommended for large animals,
- The column is sealed with 600 mm in the ground and 400 mm above ground: recommended for small animals.

Compatible with POLYSPRING II drinkers.

■Material : rotomolded polyethylene resin ■Fastening : to seal in the ground

| Height mm | Width mm | Depth mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|----------|------------|-----------|----------------|
| 1000 | 416 | 416 | P113 05 65 | | |

WHICH DRINKER SHOULD I CHOOSE FOR MY INSTALLATION?

| FUNCTION > | GROUP DRINKERS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|--|---|---|---|---|
| SYSTEM > | CONSTANT LEVEL DRINKERS | | | | | | | | | | | | |
| MATERIAL > | PE resin | | PE + Galvanised frame | | | PE resin | | | | | Stainless steel and stainless steel + PE | | |
| FINISHING > | Polyflap | | Polybac M | | | Polybac S | Polyclean | Polytherme | | Polymax | Polyherd | Polyflow | Polynox |
| DRINKER > |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <small>Cast iron drinkers are presented here with tube for push-types and with resicoat finish.</small> | | | | | | | | | | | | | |
| MODEL > | Single | Double | Strip rim | Strip rim - Tipping | Interior rim | 175 S and 300 S | - | 1, 2 or 4 balls | 1, 2 or 4 bowls | - | 150, 230 and 300 | 150, 230 and 300 | 155 and 225 |
| MECANISM > | | | | | | | | | | | | | |
| Catalog Page > | 24 | 24 | 26 | 27 | 28 | 29 | 30 | 32 | 32 | 34 | 36 | 38 | 40 |
| Protection | ● | ● | ▲ | ▲ | ▲ | ● | ● | - | - | - | - | - | - |
|  Calf | | | | | | | | | | | | | |
|  Dairy Cow | | | | | | | | | | | | | |
|  Suckling Cow | | | | | | | | | | | | | |
|  Foal | | | | | | | | | | | | | |
|  Horse | | | | | | | | | | | | | |
|  Sheep | | | | | | | | | | | | | |

Recommendations by type of animal

- Recommended
- Possibility
- Not Recommended

Options

- Possible
- Standard fitting

| | CONSTANT LEVEL DRINKERS | |
|-------------------------------------|--|--|
| | Group drinkers | |
| Device | PE | Stainless steel |
| Non-heated | Polyflap Polybac M Polybac S Polyclean Polytherme Polymax | Polyherd Polyflow Polynox M and S |
| Heated with a transformer as option | Heated Polyflap Heated Polyclean Heated Polymax | Heated Polyherd Heated Polyflow Heated Polynox M and S |



• POLYFLAP DRINKERS

+PRODUCT  **Drinker made with a double wall and float valve protected by a hatch.**

Dual skin polyethylene PE drinker, completely closed.
A hatch system gives the animal access to water while limiting the amount of dirt entering it.
Anti-spill rim, no risk of injury to animals.
1/2" connection from below.



Possibility to remove the spring from the hatch to condemn its automatic closure (in this case the hatch protects the float mechanism) for direct access of the animals to the water or for the learning period.

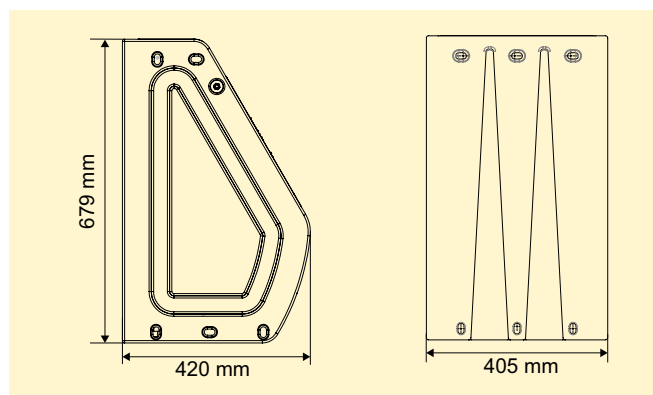



SINGLE POLYFLAP DRINKER




Fitted with:
- 1 access hatch
- 1 float valve tap
Wall fastened by the back or a side.

- Material : rotomolded polyethylene resin
- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138313)
- Capacity : 5 l
- Fastening : wall
- Device : heating optional
- Connection : braided hose - 3/4" (20/27 mm) female
- Drain plug : through wall - Ø 33/42 mm



 **Recommendations !**

| Animal type | Animal quantity per trough | Installation height |
|---|----------------------------|---------------------|
|  Dairy Cow | 10 | 0.70 to 0.80 m |

3 to 4 BARS MAXI
PRESSURE NETWORK PRESSURE

32 l/min
FLOWRATE NETWORK PRESSURE

Code Unit: P113 05 79

€ Ex. VAT

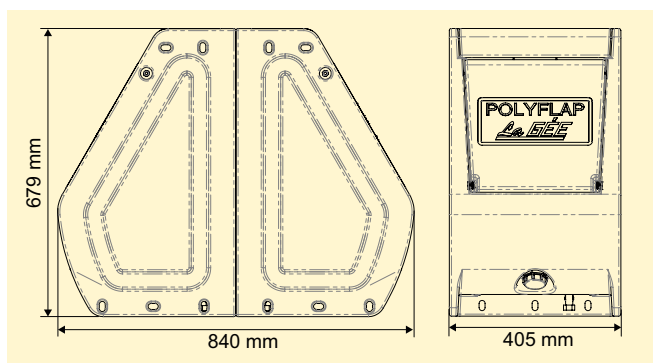
Packing Dealer


DOUBLE POLYFLAP DRINKER




Fitted with:
- 2 access hatches
- 2 float valve taps
Side fastening.

- Material : rotomolded polyethylene resin
- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138313)
- Capacity : 10 l
- Fastening : wall
- Device : heating optional
- Connection : braided hose - 3/4" (20/27 mm) female
- Drain plug : through wall - Ø 33/42 mm



 **Recommendations !**

| Animal type | Animal quantity per trough | Installation height |
|---|----------------------------|---------------------|
|  Dairy Cow | 20 | 0.70 to 0.80 m |

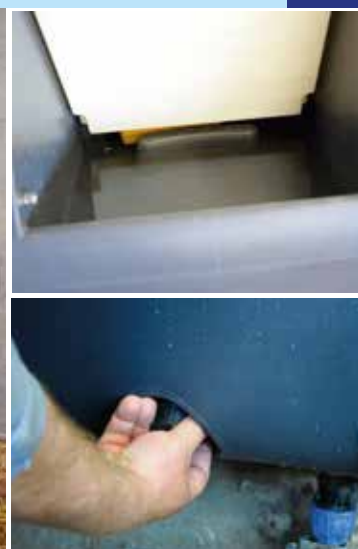
3 to 4 BARS MAXI
PRESSURE NETWORK PRESSURE

32 l/min
FLOWRATE NETWORK PRESSURE

Code Unit: P113 05 81

€ Ex. VAT

Packing Dealer



• ACCESSORIES FOR DRINKERS

METALLIC PROTECTION FOR SINGLE POLYFLAP



Galvanised protection for single POLYFLAP drinker fastened along or at 90° to the wall.

- Material : galvanised steel
- Fastening : wall

| For drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|------------|-----------|----------------|
| single Polyflap | P113 05 85 | | |

METALLIC PROTECTION FOR DOUBLE POLYFLAP



Galvanised protection for double POLYFLAP drinker fastened at 90° to the wall.

- Material : galvanised steel
- Fastening : wall

| For drinker | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|------------|-----------|----------------|
| double Polyflap | P113 05 87 | | |

MOUNTING PLATE FOR POLYFLAP DRINKER ON GATE

The mounting plate is used to fasten the Polyflap drinker to a 4 or 5-rail stall barrier or without metallic protection option. For a double Polyflap, order two mounting plates. Delivered with two Ø 60 mm fastening flanges.

- Material : galvanised steel
- Length : 585 mm
- Width : 55 mm
- Height : 675 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 05 88 | | |

HEATING ELEMENT WITH PROTECTIVE HOUSING FOR POLYFLAP DRINKER

Heating element fitted with a stainless steel protective housing. Plan two heating element kits for the double POLYFLAP.

Caution : it is recommended to order the thermostat and the right transformer suitable to your facility and the number of heated drinkers.



| Rating W | Code The kit | € Ex. VAT | Packing Dealer |
|----------|--------------|-----------|----------------|
| 80 | P113 05 83 | | |

Details, accessories and maintenance → pages 43 to 49





• POLYBAC M DRINKERS



POLYBAC M are simple and economical

Made from rot-proof rotomolded polyethylene, these large capacity drinkers are fitted with the La Gée float valve 32 l/mn and a 33/42 through wall plug for quick cleaning and emptying. The mechanism is protected by a cast aluminium or stainless steel sheet housing.

Wall trough supports are factory fitted with a water inlet on the wall side. Ideally operates on pressure range from 3 to 4 bars. They are designed with a wide heavy-duty bowl suited to animal morphology (cattle, horses, goats).



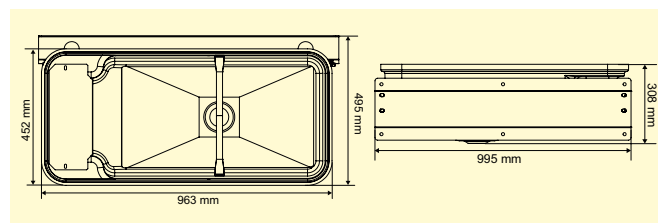
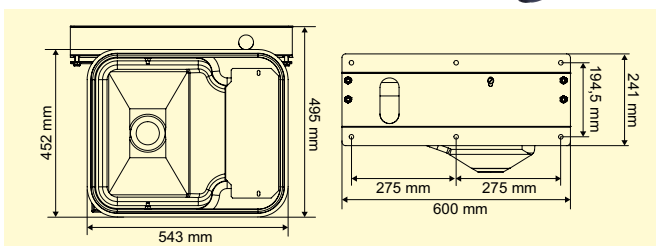
POLYBAC M DRINKER WITH PATENTED STRIP RIM AND FASTENING SUPPORT

Available in 2 versions 30 M and 75 M Designed with a wide bowl with a patented strip rim offering durability, facilitating cleaning, and increasing the water surface available. Can be wall-mounted using the galvanised steel fastening support. Delivered with fastening support. Stainless steel housing to protect the float valve.



- Type : strip rim
- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Material : rotomolded polyethylene resin
- Fastening : wall
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - male wall-side
- Drain plug : Through-wall drain plug 33/42 mm

| | Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 1 | 30 M | 569 | 495 | 298 | 30 | P113 05 23 | | |
| 2 | 75 M | 995 | 495 | 298 | 75 | P113 05 24 | | |



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Calf | 30 | 0.45 m |
| Dairy Cow | 20 | 0.80 m |
| Suckling Cow | 25 | 0.80 m |
| Foal | 25 | 0.70 m |
| Horse | 20 | 0.90 m |
| Sheep/Goat | 50 | 0.50 to 0.60 m |

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Calf | 50 | 0.45 m |
| Dairy Cow | 40 | 0.80 m |
| Suckling Cow | 45 | 0.80 m |
| Foal | 45 | 0.70 m |
| Horse | 40 | 0.90 m |
| Sheep/Goat | 90 | 0.50 to 0.60 m |

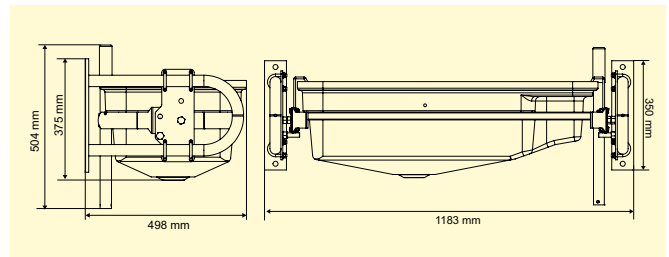
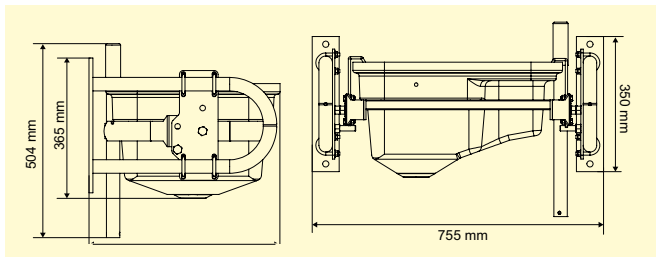
TIP-OVER POLYBAC M DRINKER WITH A STRIP RIM

The tip-over Polybac M is available in two versions: 30 M and 75 M. Designed with a wide bowl with a patented strip rim offering durability, facilitating cleaning, and increasing the water surface available. Fitted with a 1/2" stainless steel braided hose that can be connected to the network for easy connection. Can be wall-mounted thanks to its tilting galvanised steel support frame operated by the rear locking handle. This drinker can be integrated into a tubular module drinker.

This drinker can be integrated into a tubular module drinker.

- Type : strip rim
- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Fastening : wall
- Material : rotomolded polyethylene resin
- Device : non-heating
- Connection diameter : flexible braided hose 1/2" (15/21 mm) - male wall-side
- Drain plug : Through-wall drain plug 33/42 mm

| Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 1 30 M | 755 | 498 | 504 | 30 | P113 05 11 | | |
| 2 75 M | 1183 | 498 | 504 | 75 | P113 05 13 | | |



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Calf | 30 | 0.45 m |
| Dairy Cow | 25 | 0.70 m |
| Sheep/Goat | 50 | 0.50 to 0.60 m |

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Calf | 50 | 0.45 m |
| Dairy Cow | 40 | 0.80 m |
| Sheep/Goat | 90 | 0.50 to 0.60 m |

TUBULAR MODULE : SUPPORT FRAME AND PROTECTION FOR POLYBAC AND POLYTHERME

The tubular module drinker avoids masonry work. Visibility, protection and perfect drinker integration in a barn. Designed for following La Gée drinkers.

The single unit is designed for:

- Polybac M - tilting - 30 litres
- Polytherme - 1 ball or 1 bowl models - 40 litres

The double unit is designed for:

- Polybac M - tilting - 75 liters
- Polytherme - 2 bowl models - 75 liters
- Polybac S - 175 liters.

Fastening height : 94.8 cm, delivered without post.

Delivered with threaded eye-bolt Ø 22 mm on the bottom part to adjust the level.

| Model | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|--------|----------|---------|----------|------------|-----------|----------------|
| single | 734 | 535 | 1158 | P113 07 11 | | |
| double | 1545 | 503 | 1158 | P113 07 13 | | |



POLYBAC M DRINKER WITH INTERIOR RIM AND FASTENING SUPPORT

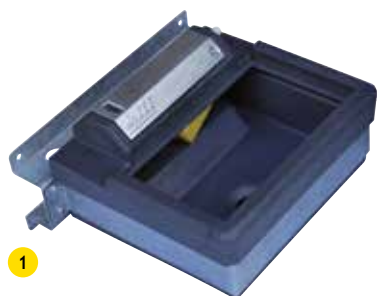
Available in 2 versions : 25 M and 72 M. Designed with a wide heavy-duty pan with an anti-spill interior rim. Can be wall-mounted using the galvanised steel fastening support. Delivered with a galvanised frame. Aluminium housing to protect the float valve. Delivered with fastening support.

- Type : interior rim
- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Material : rotomolded polyethylene resin
- Fastening : wall
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - male (25M on the side et 72M at the rear)
- Drain plug : Through-wall drain plug 33/42 mm

+PRODUCT **Multi-purpose drinker with anti-spill rim. Large capacity.**



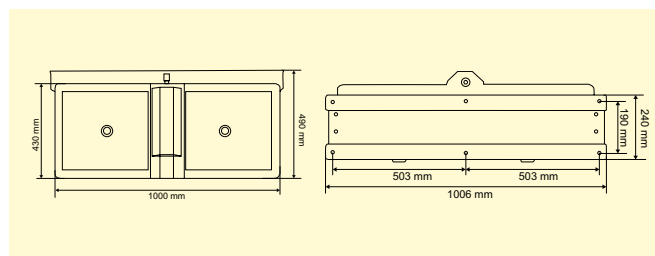
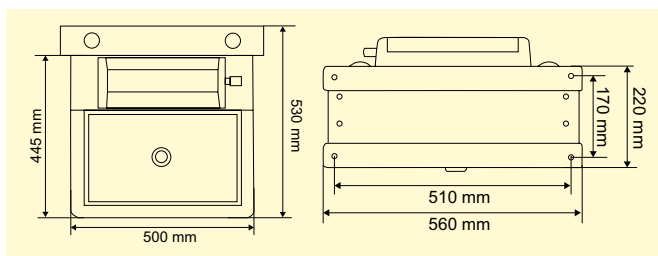
| Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 25 M | 560 | 530 | 305 | 25 | P113 05 20 | | |
| 72 M | 1006 | 490 | 350 | 72 | P113 05 18 | | |



Fitted with a through-wall drain plug 33/42 mm



Fitted with two through-wall drain plug 33/42 mm.



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Calf | 30 | 0.45 |
| Dairy Cow | 20 | 0.70 to 0.80 m |
| Suckling Cow | 25 | 0.80 m |
| Foal | 25 | 0.70 m |
| Horse | 20 | 0.90 m |
| Sheep/Goat | 50 | 0.50 to 0.60 m |

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Calf | 50 | 0.45 m |
| Dairy Cow | 40 | 0.70 to 0.80 m |
| Suckling Cow | 45 | 0.80 m |
| Foal | 45 | 0.70 m |
| Horse | 40 | 0.90 m |
| Sheep/Goat | 90 | 0.50 to 0.60 m |

POLYBAC M DRINKER WITH INTERIOR RIM WITHOUT FRAME

Available in 2 versions : 25 M and 72 M. Designed with a wide heavy-duty pan with an anti-spill interior rim. Aluminium housing to protect the float valve. Delivered without fastening support.

- Type : interior rim
- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Material : rotomolded polyethylene resin
- Fastening : as you want
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - male (25M on side and 72M at the rear)
- Drain plug : Through-wall drain plug - Ø 33/42 mm

+PRODUCT **Multi-purpose drinker with anti-spill rim. Large capacity.**



| Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 25 M | 560 | 530 | 305 | 25 | P113 05 21 | | |
| 72 M | 1006 | 490 | 350 | 72 | P113 05 17 | | |



Fitted with a through-wall drain plug 33/42 mm.



Fitted with two through-wall drain plug 33/42 mm.

• POLYBAC S DRINKER

PRODUCT **Reliable and economical.**
Made in rotproof polyethylene.

POLYBAC S drinkers are ground-mounted. They are designed with a deep and narrow rotomolded polyethylene trough. The interior trough is smooth and easy to clean with a heavy duty interior rim avoiding wastage. A locking system on each float valve enables the water supply to be shut off at any time without any tools. The water inlet connection is fitted with a 1/2 male connector wall-side. Thanks to their narrow design, these drinkers can be used in a variety of configurations and are often used indoor between stall corridors or protected along the length of walls.



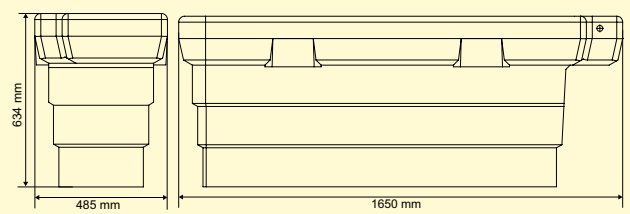
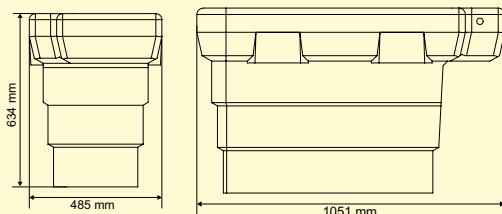
POLYBAC S DRINKER

Fitted with: - 1 adjustable 32 liter/minute network pressure float valve tap.-
1 33/42 drain plug.
Optional: Metallic protection for Polybac S.

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Material : rotomolded polyethylene resin
- Fastening : ground
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - male wall-side
- Drain plug : Through-wall drain plug - Ø 33/42 mm



| Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|---------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 1 175 S | 1051 | 485 | 634 | 175 | P113 05 06 | | |
| 2 300 S | 1650 | 485 | 634 | 300 | P113 05 04 | | |



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 20 to 25 | ground |
| Horse | 20 | ground |

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 40 to 50 | ground |
| Horse | 40 | ground |

METALLIC PROTECTION FOR POLYBAC S

PRODUCT **Avoids tipping.**

Holds the drinker against the wall.

| Drinker | Code Unit | € Ex. VAT | Packing Dealer | |
|--------------------------------|------------|-----------|----------------|-------------------------------|
| Protection for Polybac S 175 l | P113 07 06 | | | ■ Material : galvanised steel |
| Protection for Polybac S 300 l | P113 07 05 | | | ■ Fastening : wall |
| | | | | ■ Diameter : 48.3 mm |



Details, accessories and maintenance → pages 43 to 49



• POLYCLEAN DRINKERS



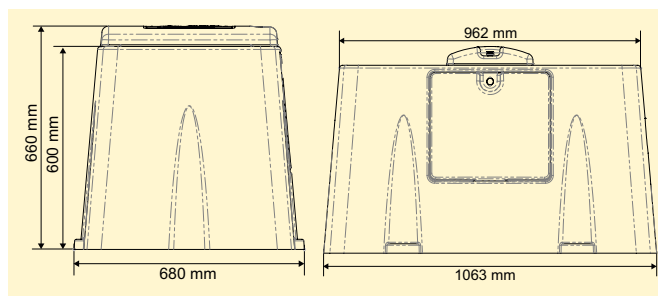
Suited to various herd sizes.

Constant level polyethylene resin drinker. Monobloc trough with slope for easy draining. Float valve is protected by a rotomolded double wall housing right in the middle to create 2 different drinking trough spaces.

Fitted with :

- 1 float valve 42 l/min, 3/4" connection located under the drinking trough
- 1 float valve's housing, removable without any tools
- 1 stainless steel water supply braided hose.
- 1 technical box at the back of the drinker, protected by a large hatch that can be removed without any tools.
- 1 high flow drain plug (Ø 90 mm) on the side for quick emptying.
- 4 ground anchoring points in the resin base.

It is essential to place the Polyclean on a minimum 20 cm concrete slab.



| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Dairy Cow | 30 to 40 | on slab of 20 cm | |
| Suckling Cow | 40 | on slab of 20 cm | |
| Horse | 30 | on slab of 20 cm | |

NON-HEATING POLYCLEAN DRINKER



- System : constant level
- Mechanism : float valve tap
- Float valve : large flow rate in brass (P1138341)
- Fastening : ground
- Device : non-heating
- Connection diameter : 3/4" (20/27 mm) - female
- Material : rotomolded polyethylene resin
- Drain plug : Ø 90 mm

| Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|------------|------------|-----------|----------------|
| 1063 | 680 | 660 | 50 | P113 05 25 | | |

HEATING POLYCLEAN DRINKER



Fitted with:
- 2x80 W - 24 V heating units
Ideally located in the base for proper heating of the troughs and the water inlet during cold periods.
Caution : it is recommended to order the thermostat and the right transformer suitable for your facility and the number of heated drinkers.

- System : constant level
- Mechanism : float valve tap
- Float valve : large flow rate in brass (P1138341)
- Fastening : ground
- Device : heating
- Connection diameter : 3/4" (20/27 mm) - female
- Material : rotomolded polyethylene resin
- Drain plug : Ø 90 mm

| Model W | Length mm | Width mm | Height mm | Code Unit | € Ex. VAT | Packing Dealer |
|---------|-----------|----------|-----------|------------|-----------|----------------|
| 80 | 1063 | 680 | 660 | P113 05 27 | | |

HEATING POLYCLEAN NORDIC DRINKER



Trough and supply protected from intense cold.



Fitted with:

- 2x180 W - 24 V heating units, ideally located in the base for proper heating of the trays and the water inlet during cold periods.
 - 1 heating Polysonde 12 W - 24 V connected on the float valve mechanism for full protection of the water supply.
 - 1 Thermostat directly pre-mounted in the technical box.
- Caution : it is recommended to order the thermostat and the right transformer suitable for your facility and the number of heated drinkers.

- System : constant level
- Mechanism : float valve tap
- Float valve : large flow rate in brass (P1138341)
- Fastening : ground
- Device : heating
- Connection diameter : 3/4" (20/27 mm) -female
- Material : rotomolded polyethylene resin
- Drain plug : Ø 90 mm

| Model W | Length mm | Width mm | Height mm | Code Unit | € Ex. VAT | Packing Dealer |
|--------------|-----------|----------|-----------|------------|-----------|----------------|
| NORDIC - 180 | 1063 | 680 | 660 | P113 05 29 | | |

• ACCESSORIES FOR DRINKERS

HEATING KIT FOR WATER SUPPLY

To be fixed directly on the water supply connection.

Fitted with:

- 1 Polysonde 24 V - 12 W
- 1 brass T fitting 3/4" (20/27 mm)
- 1 T-union 90° 3/4" (20/27 mm)

Delivered as a kit, sealed by a professional.

Compatible with POLYCLEAN, POLYFLOW, and POLYHERD. Standard fitting for the Nordic Polyclean.



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 88 | | |

ANTI-FREEZE KIT FOR WATER SUPPLY

Fitted with:

- 1 brass thermostatic valve
- 1 x 3/4" (20/27 mm) brass through wall
- 2 x 3/4" (20/27 mm) 90° brass T-unions
- 1 x 3/4" (20/27 mm) braided stainless steel hose
- 1 x 3/4" (20/27 mm) brass T fitting.

Delivered as a kit, sealed by a professional.

Compatible with POLYCLEAN, POLYFLOW, and POLYHERD.



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 89 | | |

POLYCLEAN METALLIC PROTECTOR



Metallic protection for POLYCLEAN composed of :

- 1 frame Ø 48.3 mm,
 - 1 pair of feet for ground fastening,
 - 4 shells 42/48 mm.
- Delivered in kit.

- Material : galvanized steel
- Fastening : ground

| Length mm | Width mm | Height mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|------------|-----------|----------------|
| 1230 | 660 | 640 | P113 05 30 | | |

Details, accessories and maintenance → pages 43 to 49



• POLYTHERME DRINKERS NEW

REGISTERED PATENT



NEW. Reversible lid with an innovative opening and closing system. Opening from the front or rear part of the drinker. The lid can be easily removed.

3 to 4 BARS MAXI

32 l/min



Isothermal drinker designed with a double-wall rotomolded polyethylene trough insulated with polyurethane foam. Isothermal lid with double seal, and an insulated ball or bowl for an easy access of the animals. It keeps the water at a positive temperature down to - 30 °C by absorbing the natural calories in the soil and provides cool water in case of high temperatures.



Polytherme 2 balls

Polytherme 1 ball

Polytherme 2 bowls

Polytherme 1 bowl

These drinkers are standard fitted with an innovative opening and closing system. Opening from the front **1** or the rear part **2** thanks to the multifunction hinges. Or the lid can be removed anytime from the drinker **3** without any tool.

This design and the new opening system enable the drinker's installation in any place without having a wall or a gate as an obstacle, which could prevent the drinker from an easy opening.



1 Example of an opening from drain plug's side.



2 Example of opening from float valve's side



3 Lid completely removed for a total access to the drinker.



Float valve equipped with an anti-splash housing.



Standard fitted with a cleaning system.



Drain plug (Ø 90 mm).
1 drain plug for Polytherme 1 ball/bowl,
2 drain plugs for Polytherme 2 balls/bowls.

The lid can be modified at any time by adding an option to convert a "ball" model to a "bowl" model and vice versa.

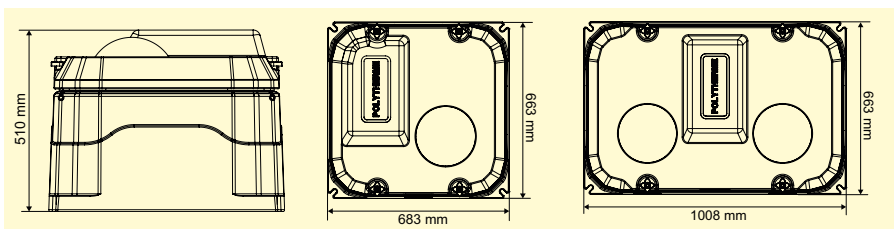
Fitted with:

- 1 seal to be set under the drinker.
- 1 connection hose protected by an insulating sleeve.

Installation:

It can be used indoors or outdoors, fixing to the ground on a raised slab of about twenty cm. For good insulation position the seal under the tray.

| Recommendations ! | | | |
|-------------------|----------------------------|---------------|---------------------|
| Animal type | Animal quantity per trough | | Installation height |
| | 1 ball/bowl | 2 balls/bowls | |
| Dairy Cow | 20 | 40 | on slab of 20 cm |
| Suckling Cow | 20 | 45 | on slab of 25 cm |
| Horse | 20 | 40 | on slab of 35 cm |



- System: constant level
- Mechanism: float valve tap
- Float valve: Pressure network in polyamide white (P1138310)
- Fastening: ground
- Device: isotherm
- Connection diameter: 1/2" (15/21 mm) - female
- Material: rotomolded polyethylene resin
- Drain plug: Ø 90 mm

POLYTHERME BALL DRINKER

Polytherme ball drinkers are available in 1- or 2-ball versions. The balls float on the water in the drinking trough and its level is regulated with the constant level mechanism. When the animal presses the ball, it folds under the lid thanks to its specially designed shape. Once the animal has finished drinking, it returns to its place on its own and shuts off the water point making it isothermal.

| Model | Length mm | Width mm | Height mm | Capacity l | Outlet | Code Unit | € Ex. VAT | Packing Dealer |
|---------|-----------|----------|-----------|------------|------------|------------|-----------|----------------|
| 1 ball | 683 | 687 | 510 | 40 | 1 draining | P113 04 71 | | |
| 2 balls | 1003 | 687 | 510 | 75 | 2 draining | P113 04 74 | | |

POLYTHERME BOWL DRINKER

The Polytherme bowl drinker is available with 1 or 2 cast aluminium bowls. It is mounted in a rotomolded channel fastened under the lid. It is flush with the water contained in the trough and passes through four holes in order to be accessible. The water level is constantly regulated with a constant level mechanism. The bowl can be removed at any time, with a quarter turn, to clean residue.

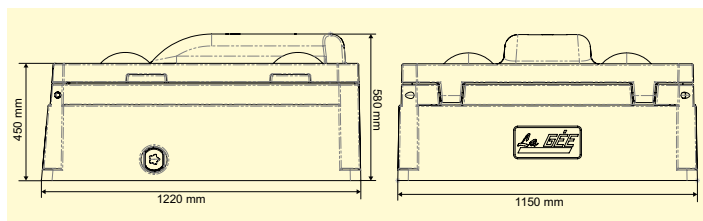
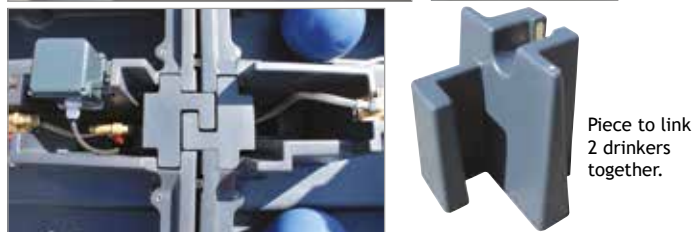
| Model | Length mm | Width mm | Height mm | Capacity l | Outlet | Code Unit | € Ex. VAT | Packing Dealer |
|---------|-----------|----------|-----------|------------|------------|------------|-----------|----------------|
| 1 bowl | 683 | 687 | 510 | 40 | 1 draining | P113 04 77 | | |
| 2 bowls | 1003 | 687 | 510 | 75 | 2 draining | P113 04 80 | | |

POLYTHERME LARGE CAPACITY DRINKER

The Polytherme large capacity drinker is available in isothermal ball and cast aluminium bowl versions which are interchangeable. It is fitted with a 42 l/mn (4 bars) float valve including 2 floats. In its factory fitted version, it is effective down to -30°C and lower with the immersion heater option. An internal technical space allows easy water connection and the addition of the heating option and a general shut-off valve. An orientable isothermal locking key allows the passage of networks and the connection and linking of two troughs coupled together, while maintaining thermal performance. The lid is easy to handle thanks to captive screws and easy to keep open thanks to its rear hinges. The tank is fitted with two side drain bungs and one central drain bung Ø 90 mm.

| | Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|---|---------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 1 | 4 balls | 1220 | 1150 | 580 | 180 | P113 05 38 | | |
| 2 | 4 bowls | 1220 | 1150 | 580 | 180 | P113 05 35 | | |

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in brass (P1138341)
- Fastening : ground
- Device : isotherm
- Connection diameter : 1/2" (15/21 mm) - female
- Material : rotomolded polyethylene resin
- Drain plug : 3 x Ø 90 mm



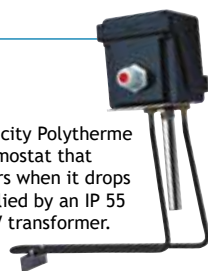
300 W IMMERSION HEATER - 24 V

PRODUCT **Effective at any temperature against freezing.**

Thanks to this immersion heater option, the large capacity Polytherme is effective at any temperature. It is fitted with a thermostat that takes water temperature into consideration and triggers when it drops to below 5°C. Its 300 W - 24 V heating element is supplied by an IP 55 sealed unit and must be connected to our 400 VA - 17 V transformer. Only compatible with the Polytherme Large Capacity.

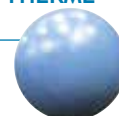
- System : heating

| Rating W | Voltage V | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-----------|------------|-----------|----------------|
| 300 | 24 | P113 05 40 | | |



| Recommendations ! | | | |
|-------------------|----------------------------|---------------------|--|
| Animal type | Animal quantity per trough | Installation height | |
| Calf | 70 | floor | |
| Dairy Cow | 60 to 65 | on slab of 20 cm | |
| Suckling Cow | 70 | on slab of 25 cm | |
| Foal | 70 | floor | |
| Horse | 60 | on slab of 35 cm | |
| Sheep/Goat | 140 | floor | |

BALL FOR POLYTHERME DRINKER



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 71 | | |

BOWL FOR POLYTHERME DRINKER




Aluminium bowl with resin adaptor for Polytherme drinker. To replace the ball.

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 73 | | |



• POLYMAX DRINKERS

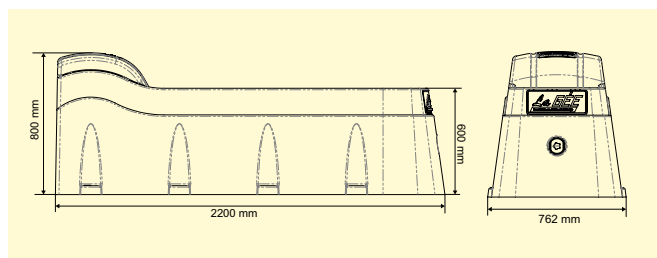
+PRODUCT  **Very high flow, factory fitted with three float valves, fourth one in option.**

Thanks to its shallow design and size, it is ideally used in stalls, between stall corridors or in watering areas. It is estimated that a dairy cow can drink up to 40% of her daily water intake after milking. As such, it is essential that the troughs are set in this area and have an adequate flow rate, such as the Polymax. This 200 l capacity rotomolded polyethylene resin drinker is very robust and rotproof. It is fitted with a 3/4" connection with three La Gée 32 l / mn float valves, a fourth can be added as an option for a greater supply of fresh water. It can also be connected to an optional loop heating power supply system or to our Caloporteur heat-carrying system cabinet. The water inlet is protected in a technical space created by the rotomolded housing which can be removed without tools. The drinker is fastened to the ground, ideally on a raised 20 cm slab, by eight wide reinforced holes integrated into the lower part of the double wall tank and can be put back-to-back and linked to a single water inlet. It has a wide drain for quick cleaning.




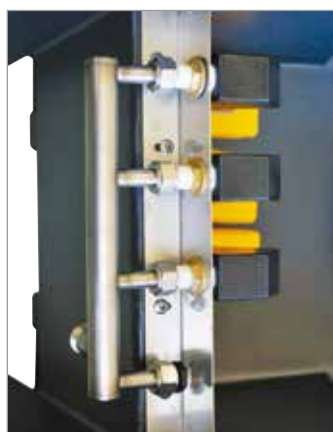
Drain plug large diameter 90 mm.

PRESSURE 3 to 4 BARS MAXI
NETWORK PRESSURE FLOWRATE 32 l/min



Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|---|----------------------------|---------------------|
|  Dairy Cow | 40 | 0.70 to 0.80 m |



NON-HEATING POLYMAX DRINKER



With a 200 l capacity and fitted with three float valves 32L/min for a high flow.
Options : Polymax circulation loop kit.

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Fastening : ground
- Device : non-heating
- Connection diameter : 3/4" (20/27 mm) - male
- Material : rotomolded polyethylene resin
- Drain plug : Ø 90 mm

| Length m | Width m | Height m | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|------------|-----------|----------------|
| 2.20 | 0.76 | 0.80 | 200 | P113 05 73 | | |

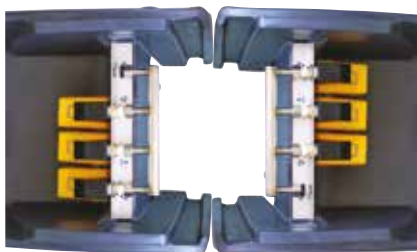
CIRCULATION LOOP KIT FOR POLYMAX

This kit features:

- 1 three-way connection
 - 1 stainless steel tube in which the hot water circulates bringing calories directly to the drinker's water reserve. It must be coupled to a Caloporteur system cabinet or polyresistances for a fully anti-freeze installation.
- Option : caloporteur system cabinet.



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 84 | | |



HEATING POLYMAX DRINKER



Pre-fitted with four 24 V - 80 W Polyresistances, three are under the drinking trough and one in the technical space to protect the water inlet.
Caution : it is recommended to order the thermostat and the right transformer suited to your facility and the number of heated drinkers.
Option : a Polymax circulation loop kit, a 400 VA-17A transformer and a thermostat (P1130809)

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide white (P1138310)
- Fastening : ground
- Device : heating
- Voltage : 24 V
- Connection diameter : 3/4" (20/27 mm) - male
- Material : rotomolded polyethylene resin
- Drain plug : Ø 90 mm


| Length m | Width m | Height m | Capacity l | Rating W | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|----------|------------|-----------|----------------|
| 2.20 | 0.76 | 0.80 | 200 | 4 x 80 | P113 05 75 | | |



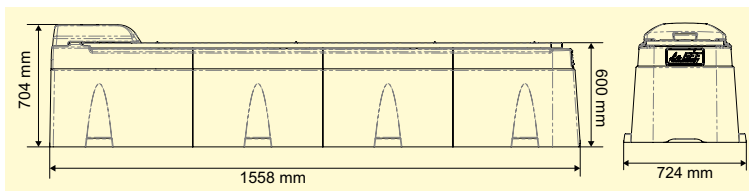
Details, accessories and maintenance → pages 43 to 49



• POLYHERD DRINKERS

PRODUCT  **Stainless steel and PE combination for good natural insulation.**

Constant level water trough available in 3 models heating and not heating. Base is made in rotomolded poethylene and the tank inside is in stainless steel. Ideally designed for large herds of dairy cows. To be set just after milking parlours.



1



3



2

NON-HEATING POLYHERD DRINKER



Fitted with :

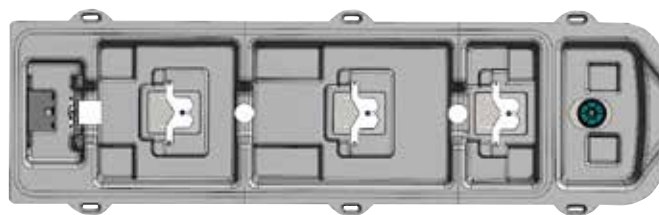
- 1 stainless steel tank
- 1 polyethylene base with different ground anchoring points
- 1 float valve in brass 3/4" connection - 42 l/min
- 1 housing, easy-to remove without tools for float valve access.
- 1 'Quick and Safe' drain system (Ø 100 mm) for quick and complete trough draining and cleaning.

Options : anti -freeze or heating supply kit.

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in brass (P1138341)
- Fastening : ground
- Device : non-heating
- Connection diameter : 3/4" (20/27 mm) - male
- Material : stainless steel and rotomolded polyethylene resin
- Drain plug : Ø 100 mm

| | Model | Length mm | Width mm | Height mm | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------|-----------|----------|-----------|------------|------------|-----------|----------------|
| 1 | 150 | 1558 | 724 | 704 | 90 | P113 03 55 | | |
| 2 | 230 | 2308 | 724 | 704 | 140 | P113 03 57 | | |
| 3 | 300 | 3058 | 724 | 704 | 190 | P113 03 59 | | |

HEATING POLYHERD DRINKER



Fitted with :

- 1 stainless steel tank
- 1 polyethylene base with different ground anchoring points
- 1 anti-freeze system with heating elements 24 V - 80W.
- 1 float valve in brass 3/4" connection - 42 l/min
- 1 housing, easy-to remove without tools for float valve access.
- 1 'Quick and Safe' drain system (Ø 100 mm) for quick and complete trough draining and cleaning.

Options : anti-freeze or heating supply kit, thermostat, and transformer.

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in brass (P1138341)
- Fastening : ground
- Voltage : 24 V
- Device : heating
- Connection diameter : 3/4" (20/27 mm) - male
- Material : stainless steel and rotomolded polyethylene resin
- Drain plug : Ø 100 mm

| | Model | Length mm | Width mm | Height mm | Capacity l | Rating W | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------|-----------|----------|-----------|------------|------------|------------|-----------|----------------|
| 1 | 150 | 1558 | 724 | 704 | 90 | 240 (3x80) | P113 03 61 | | |
| 2 | 230 | 2308 | 724 | 704 | 140 | 320 (4x80) | P113 03 63 | | |
| 3 | 300 | 3058 | 724 | 704 | 190 | 400 (5x80) | P113 03 65 | | |

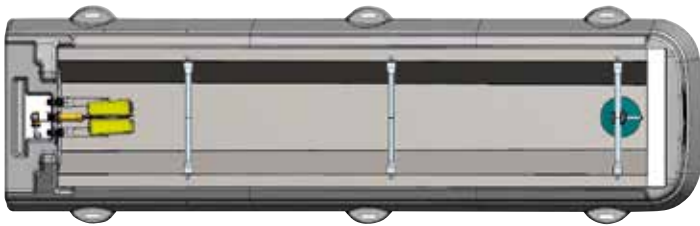
1 MODEL 150 - 90 LITERS



Recommendations ! Model 150

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 25 to 30 | on slab of 20 cm |

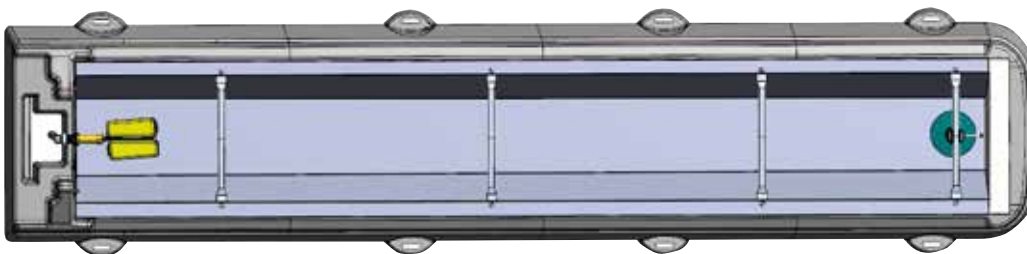
2 MODEL 230 - 140 LITERS



Recommendations ! Model 230

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 30 to 40 | on slab of 20 cm |

3 MODEL 300 - 190 LITERS



Recommendations ! Model 300

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 40 to 50 | on slab of 20 cm |

• ACCESSORIES FOR DRINKERS

HEATING KIT FOR WATER SUPPLY

To be fixed directly on the water supply connection.
Fitted with:
- 1 Polysonde 24 V - 12 W
- 1 brass T fitting 3/4" (20/27 mm)
- 1 T-union 90° 3/4" (20/27 mm)
Delivered as a kit, sealed by a professional.
Compatible with POLYCLEAN, POLYFLOW, and POLYHERD.



Code Unit € Ex. VAT Packing Dealer
P113 07 88

QUICK AND SAFE DRAIN "QSD" Ø 100 MM

Avoids having to put your hands in the water.

Allows the drinker to be emptied with one hand by a simple action without the need for tools. The mechanism is operated out of the water on the top of the drinker. It is designed with an "overflow" system to prevent the water from overflowing the trough.
Compatible with POLYFLOW and POLYHERD



Code Unit € Ex. VAT Packing Dealer
P113 08 29

ANTI-FREEZE KIT FOR WATER SUPPLY

Fitted with:
- 1 brass thermostatic valve
- 1 x 3/4" (20/27 mm) brass through wall
- 2 x 3/4" (20/27 mm) 90° brass T-unions
- 1 x 3/4" (20/27 mm) braided stainless steel hose
- 1 x 3/4" (20/27 mm) brass T fitting.
Delivered as a kit, sealed by a professional.
Compatible with POLYCLEAN, POLYFLOW, and POLYHERD.



Code Unit € Ex. VAT Packing Dealer
P113 07 89

Details, accessories and maintenance → pages 43 to 49



• POLYFLOW DRINKERS



Quick drain high-volume stainless steel trough

Ideal for dairy herds in stall corridors. Large capacity stainless steel one-piece trough. Designed with a slight slope towards the drain bung Ø 100 mm for easy, complete, and quick cleaning. Drain bung fitted with a 'quick and safe' system for emptying without having to put your hands into the soiled water. Factory fitted with a wall mount. Optional : 4 feet for ground fastening.



POLYFLOW DRINKER

Fitted with :

- 1 42 l/min high flow float valve.
- 1 housing, easy-to remove without tools for float valve access.
- Protective housing of float removable with maintenance position.
- 1 'Quick and Safe Drain' system

Options : heating housing, anti -freeze or heating supply kit, thermostat, transformer, and feet for mounting on the ground.

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in brass (P1138341)
- Fastening : wall
- Device : heating with option
- Ø connection : hose stainless steel - 3/4" (20/27 mm) - female
- Material : stainless steel
- Drain Plug : drain system QSD - Ø 100 mm



| | Model | Length mm | Width mm | Height mm | Capacity l | Number of places | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------|-----------|----------|-----------|------------|------------------|------------|-----------|----------------|
| 1 | 150 | 1453 | 490 | 479 | 90 | 3 | P113 03 41 | | |
| 2 | 230 | 2203 | 490 | 479 | 140 | 5 | P113 03 43 | | |
| 3 | 300 | 2953 | 490 | 479 | 190 | 6 | P113 03 45 | | |

2

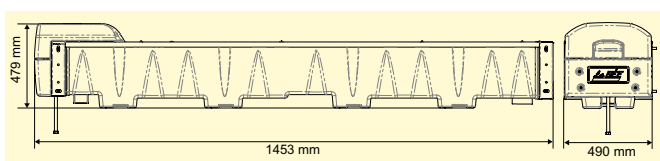


Fitted with a "Quick and Safe Drain system" Allows the drinker to be emptied by a simple action without the need for tools.

Protective housing of float removable with maintenance position.



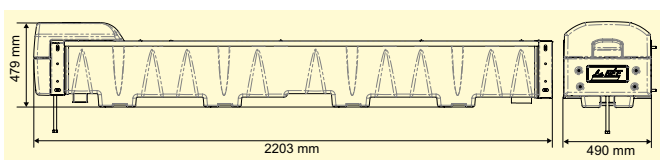
1 MODEL 150 - 90 LITRES



Recommendations ! Model 150

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 25 to 30 | 0.70 to 0.80 m |

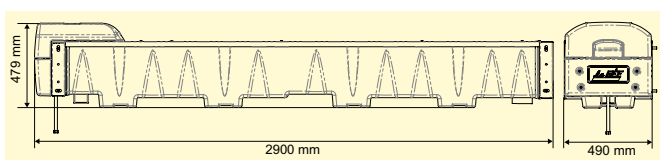
2 MODEL 230 - 140 LITRES



Recommendations ! Model 230

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 30 to 40 | 0.70 to 0.80 m |

3 MODEL 300 - 190 LITRES



Recommendations ! Model 300

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 40 to 50 | 0.70 to 0.80 m |

• ACCESSORIES FOR DRINKERS

HEATING ELEMENTS WITH PROTECTIVE HOUSING FOR POLYFLOW DRINKER

+PRODUCT **Resists extreme cold.**
Low energy consumption .

The housing in PE must be fastened under the Polyflow's stainless steel tank ensuring proper insulation of the tank during intense freeze periods. The heating system provides calories to the drinking trough and the water inlet. Heating elements fitted with a PE resin protective housing. The number of heating units depends on the drinking trough's size. It is recommended to order the thermostat and the right transformer suited to your facility and the number of heated drinkers.

| Model | Heating elements number | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-------------------------|------------|-----------|----------------|
| Housing 150 | 2x80 W | P113 03 49 | | |
| Housing 230 | 3x80 W | P113 03 51 | | |
| Housing 300 | 4x80 W | P113 03 53 | | |



Housing presented on Polyflow with optional feet

HEATING KIT FOR WATER SUPPLY

To be fixed directly on the water supply connection. Fitted with:
- 1 24 V Polysonde - 12 W
- 1 3/4" (20/27 mm) brass T fitting
- 1 3/4" (20/27 mm) 90° T-union
Delivered as a kit, sealed by a professional. Compatible with POLYCLEAN, POLYFLOW, and POLYHERD.



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 88 | | |

ANTI-FREEZE KIT FOR WATER SUPPLY

Fitted with:
- 1 brass thermostatic valve
- 1 3/4" (20/27 mm) brass through wall
- 2 3/4" (20/27 mm) 90° brass T-unions
- 1 3/4" (20/27 mm) braided stainless steel hose
- 1 3/4" (20/27 mm) brass T fitting
Delivered as a kit, sealed by a professional. Compatible with POLYCLEAN, POLYFLOW, and POLYHERD.



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 89 | | |

QUICK AND SAFE DRAIN "QSD" Ø 100 MM

+PRODUCT **Avoids having to put your hands in the water.**

Allows the drinker to be emptied with one hand by a simple action without the need for tools. The mechanism is operated out of the water on the top of the drinker. It is designed with an "overflow" system to prevent the water from overflowing the trough. Compatible with POLYFLOW and POLYHERD

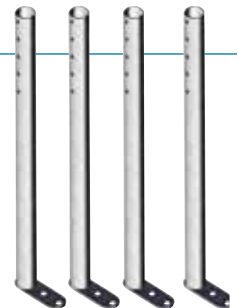
| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 29 | | |



FEET FOR POLYFLOW DRINKER

Use to convert a wall Polyflow into a Polyflow on feet. Set of four feet.

- Material : galvanised steel
- Diameter : 48.3 mm



| Length mm | Width mm | Height mm | Code The set | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|--------------|-----------|----------------|
| 150 | 50 | 785 | P113 03 47 | | |



Details, accessories and maintenance pages 43 to 49



• POLYNOX TILTING DRINKERS



Tip-over drinking trough for easy cleaning.

These tip-over drinkers are designed with a shallow, narrow, and heavy-duty stainless steel sheet trough. A removable rotomolded polyethylene housing protects the supply system fitted with three La Gée level float valves and the tilting mechanism. Easy to handle, a rounded handed allows you to accompany the tilting movement of the trough.

The locking bolt is automatically indexed by quarter turn preventing inappropriate return of the trough. The wide tilting mechanism is fitted with 80 mm diameter Ertalon flanges for great comfort of use and long-term silence during handling.

Non-heating models can be fitted with a heating element as an option to convert them into a heating model, at any time.

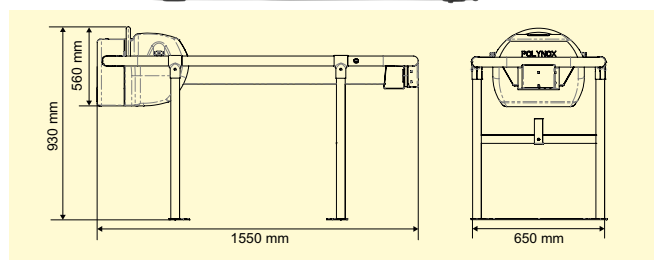
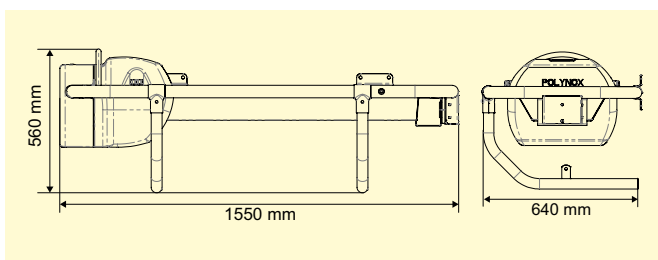
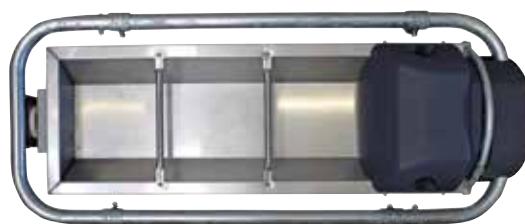
Ideal for dairy cows or beef cattle, they are available in wall or floor mounting (depending on models) by a suitable galvanized steel structure and exist in two lengths.



MODEL 155 - 28 LITERS

Recommendations !

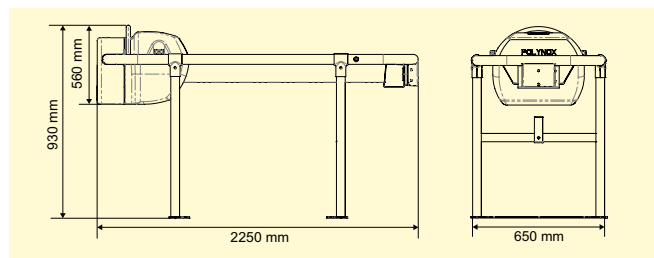
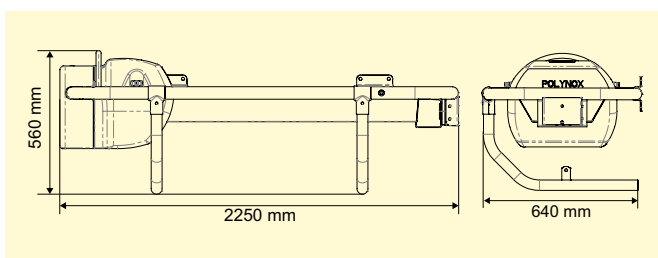
| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 20 to 25 | 0.70 to 0.85 m |



MODEL 225 - 45 LITERS

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|-------------|----------------------------|---------------------|
| Dairy Cow | 30 to 40 | 0.70 to 0.85 m |



NON-HEATING POLYNOX M DRINKER



The Polynox M drinker is designed to be mounted on a wall in a watering corridor.

Option : 24 V 80 W heating polyresistance - 3 A.

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide green (P1138309)
- Fastening : wall
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - female
- Material : stainless steel

| Model | Length m | Width m | Height m | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|-------|----------|---------|----------|------------|------------|-----------|----------------|
| 155 | 1.55 | 0.64 | 0.56 | 28 | P113 03 31 | | |
| 225 | 2.25 | 0.64 | 0.56 | 45 | P113 03 35 | | |

HEATING POLYNOX MSC DRINKER

This Polynox drinker is fitted with:

- 1 24 V - 80 W heating polyresistance, ready to be connected to a transformer (essential) and a thermostat to prevent the water inlet from freezing.
- 1 wall mount.

- 1 set of feet for mounting on the ground.

It is recommended to order the thermostat and the right transformer suited to your facility and the number of heated drinkers.

Option : transformer and thermostat

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide green (P1138309)
- Fastening : wall and ground
- Device : heating
- Voltage : 24 V
- Rating : 80 W
- Connection diameter : 1/2" (15/21 mm) - female
- Material : stainless steel

| Model | Length m | Width m | Height m | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|-------|----------|---------|----------|------------|------------|-----------|----------------|
| 155 | 1.55 | 0.64 | 0.56 | 28 | P113 03 33 | | |
| 225 | 2.25 | 0.64 | 0.56 | 45 | P113 03 37 | | |

FEET FOR POLYNOX DRINKER

Use to convert a wall Polynox into a Polynox on feet.

Set of two feet.



- Material : galvanised steel
- Diameter : 48.3 mm

| Length mm | Width mm | Height mm | Code The set | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|--------------|-----------|----------------|
| 100 | 660 | 720 | P113 03 36 | | |



NON-HEATING POLYNOX S DRINKER



The Polynox S is designed to be used on feet. Its structure is fitted with large mounting plates for fastening to the ground in order to prevent it from moving.

Option : 24 V 80 W heating polyresistance - 3 A

- System : constant level
- Mechanism : float valve tap
- Float valve : Pressure network in polyamide green (P1138309)
- Fastening : ground
- Device : non-heating
- Connection diameter : 1/2" (15/21 mm) - female
- Material : stainless steel

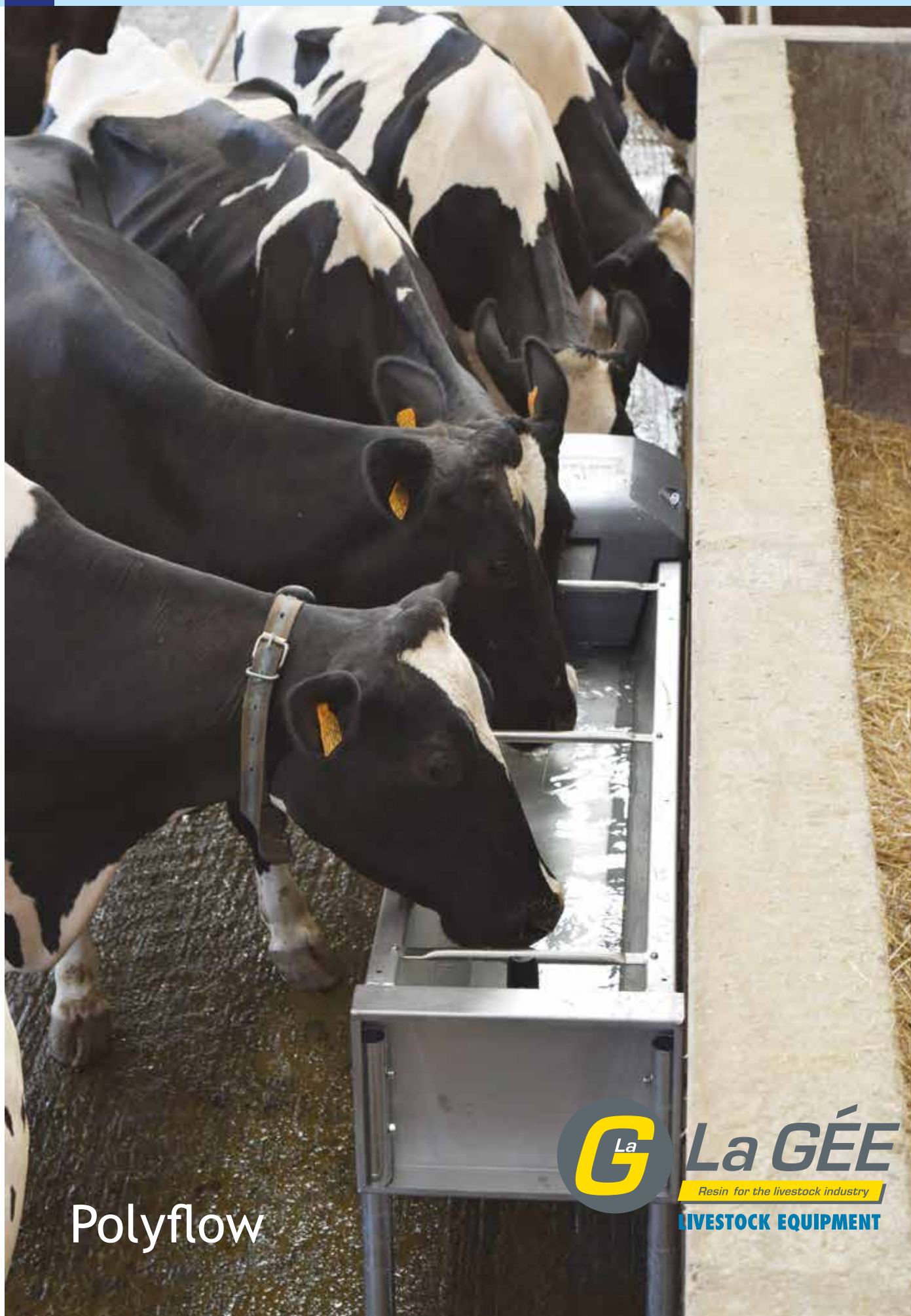
| Model | Length m | Width m | Height m | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|-------|----------|---------|----------|------------|------------|-----------|----------------|
| 155 | 1.55 | 0.65 | 0.93 | 28 | P113 03 30 | | |
| 225 | 2.25 | 0.65 | 0.93 | 45 | P113 03 34 | | |



Polyresistance heating unit 24V-80W mounted in the housing.

Details, accessories and maintenance → pages 43 to 49





Polyflow

• FLOAT VALVE TAPS



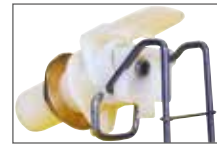
Seven models can be used in all types of configurations.

The float valve tap, adjustable in height and length, adapts to the force needed to shut off the flow depending on the water pressure and desired water height. Network pressure and low pressure mechanisms fitted with an indexer, anti-splash, and water stop to halt the flow in the system at any time.

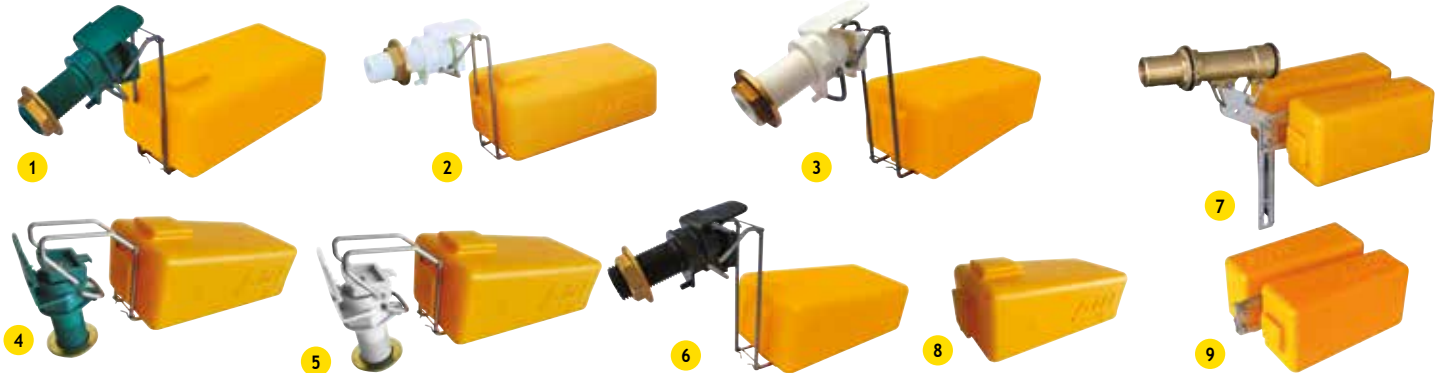
Available in different versions:

- 15 liters/minute flow rate with green polyamide float valve with or without adjustment screw.
- 32 liters/min flow rate, white translucent polyamide float valve.
- 32 liters/min flow rate, white polyamide float valve with height flow adjustment screw.
- Low pressure flow rate, black polyamide float valve.

Also available our 42 liters/minute flow float valve in brass with two factory fitted floats for large capacity drinking troughs. It can be upgraded by adding 2 floats for any pressure above 4 bars.



Adjustable float valves are fitted with an adjustment screw.



NETWORK PRESSURE FLOAT VALVE TAP

Body in polyamide. Possible to adjust height and flow rate via adjuster screw on adjustable models. Ideally operates on a pressure range from 3 to 4 bars. 15/21 (1/2") male thread outlet. Compatible with all our drink ers (except Polyspring II NC ,Polyfast and Polyflap), constant level troughs, SUPERBAC pasture throughs, and cisterns.



■ Connection diameter : 1/2" (15/21 mm) - male

| | Colours | Flow rate L/min | Adjustable | Code Unit | € Ex. VAT | Packing Dealer |
|---|---------|-----------------|------------|------------|-----------|----------------|
| 1 | green | 15 | yes | P113 83 09 | | |
| 2 | White | 32 | no | P113 83 10 | | |
| 3 | | 32 | yes | P113 83 12 | | |

NETWORK PRESSURE FLOAT VALVE TAP FOR POLYSPRING II NC, POLYFAST AND POLYFLAP DRINKERS

Possible to adjust height and flow rate via its adjuster screw.



■ Connection diameter : 1/2" (15/21 mm) - male

| | Drinker | Colours | Flow rate L/min | Adjustable | Code Unit | € Ex. VAT | Packing Dealer |
|---|----------------------------|---------|-----------------|------------|------------|-----------|----------------|
| 4 | PF5, PF6 and Polyspring NC | green | 15 | yes | P113 83 15 | | |
| 5 | Polyflap | white | 32 | yes | P113 83 13 | | |

LOW PRESSURE FLOAT VALVE TAP

Made in polyamide. Used mainly on our drinkers mounted at the rear part of any water bowser. Flow rate depends on the height at which the float valve tap is installed.

■ Connection diameter : 1/2" (15/21 mm) - male

| | Colours | Flow rate L/min | Code Unit | € Ex. VAT | Packing Dealer |
|---|---------|-----------------|------------|-----------|----------------|
| 6 | Black | less than 15 | P113 83 11 | | |

SEALS FOR FLOAT VALVE TAPS

Seal for all float valve tap models.

■ Material : rubber



| Diameter mm | Thickness mm | Code The bag | € Ex. VAT | Packing Dealer |
|-------------|--------------|--------------|-----------|----------------|
| 14 | 7 | P113 07 66 | | |

Bag of 5 seals

HIGH FLOW FLOAT VALVE TAP

Brass body operates on pressure ranges of:

- 4 bars for 42 l/min (with nominal flow rate of 75 l/min) with its two factory fitted float valves
 - 5 bars for 53 l/min (with nominal flow rate of 100 l/min) with its two factory fitted float valves and an its optional kit of 2 extra floats.
- Height adjustment by sliding the float valve along its large cross section stainless steel bar.

Is fitted with:

- a locking mechanism to shut off the water supply.
- a 20/27 mm (3/4") external male thread
- a 15/21 mm (1/2") internal female thread
- locknut with seal.

Can be used in low pressure configuration.

Delivered as standard with 2 float valves.

Compatible with Polytherme large capacity, Polyclean, Polyherd and Polyflow.

| | Colours | Flow rate L/min | Adjustable | Code Unit | € Ex. VAT | Packing Dealer |
|---|--------------|-----------------|------------|------------|-----------|----------------|
| 7 | Yellow brass | 42 | No | P113 83 41 | | |

FLOAT VALVE FOR FLOAT VALVE TAP

The optional kit of 2 extra floats can be added to the high flow rate float valve in brass in case of pressure above 4 bars. The single float valve can also be used as a replacement on a float valve tap.

| | Quantity | Code The set | € Ex. VAT | Packing Dealer |
|---|--------------------------------------|--------------|-----------|----------------|
| 8 | 1 float valve | P113 95 06 | | |
| 9 | 1 kit of 2 floats high flow rate tap | P113 83 43 | | |

PRESSURE REDUCER



Mandatory for any drinkers connected to the water network above 4 bars.

The reducer and pressure limiter allows you to adjust the water pressure. It connects directly to the water meter.

It is supplied with a radial pressure gauge that indicates the water pressure. It is designed for a maximum inlet pressure of 20 bars. Connection (20/27 mm).

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 92 | | |



▶ INSTALLATION ACCESSORIES

SWIVEL NUT 3/4" FEMALE T FITTING

- With plug 3/4 and seal.
- Thread : female
- Connection diameter : Inlet 1/2" (15x21 mm)
- Outlet 2x3/4" (20x27 mm)

| Material | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|------------|-----------|----------------|
| brass | P113 08 17 | | |
| Stainless steel | P113 08 19 | | |



FLARE 1/2" FEMALE T FITTING

- Thread : female
- Connection diameter : 3 x 1/2" (15x21 mm)

| Material | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| brass | P113 07 48 | | |

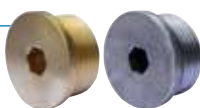


PLUGS FOR T FITTINGS

Plug compatible with a 3/4" female T fitting.
Delivered with seal.

- Thread : male

| Material | Connection diameter | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|---------------------|------------|-----------|----------------|
| Brass | 3/4" (20x27 mm) | P113 08 46 | | |
| stainless steel | 3/4" (20x27 mm) | P113 08 50 | | |



90° 1/2 FEMALE/FEMALE T-UNION"

- Thread : female
- Connection diameter : 1 x 1/2" (15x21 mm)
- 1 x 3/4" (20x27 mm)

| Material | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| brass | P113 07 50 | | |



1/2 MALE NOTCH END PIECE"

Ribbed push-on fit for ø int. 19 mm pipe.

- Thread : male
- Connection diameter : 1/2" (15x21 mm)

| Material | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| brass | P113 07 49 | | |



POLYCROIX

La Gée Polycroix is a multi-directional inlet with two standard plumbing diameters (1/2" and 3/4"). It allows the use of most of our drinkers without needing to consider the direction or diameter of the water inlet.

For easy assembly or disassembly, it is fitted with a swivel nut and seal which allows it to be detached from the drinker without having to disassemble everything.

It is fitted with closeoff plugs to change the location of the water inlet and outlet and create the circulation required for the caloporteur system cabinet

| Connection diameter | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------------------------|------------|-----------|----------------|
| 1/2" (15/21 mm) - 3/4" (20/27 mm) | P113 07 51 | | |



PLUGS FOR POLYCROIX

- 4 plugs for the Polycroix system:
- 2 1/2" plugs with seal
- 2 3/4" plugs with seal

| Code The bag | € Ex. VAT | Packing Dealer |
|--------------|-----------|----------------|
| P113 07 52 | | |



HORIZONTAL SUPPLY LOOP FOR WATER CIRCULATION

Is used for left and right horizontal supply of the drinker and for assembly with a circulator or caloporteur system cabinet.
This kit includes two bent tubes.

- Model : horizontal
- Ø connection : 3/4" (20/27 mm)
- Thread : male
- Material : stainless steel

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 25 | | |



VERTICAL SUPPLY LOOP FOR WATER CIRCULATION

Used for closed-loop water system with any circulator or caloporteur system cabinet.
Designed for a vertical mounting right/left.

This kit comprises:

- 1 stainless steel straight tube
- 1 stainless steel bent tube

- Model : vertical
- Ø connection : 3/4" (20/27 mm)
- Thread : male
- Material : stainless steel

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 08 27 | | |



BRAIDED STAINLESS STEEL HOSE

Suitable for most individual and collective drinkers.
Delivered with seal.

- Thread : 1 x straight male
- Thread : 1 x female T-union
- Connection diameter : 1/2" (15x21 mm)

| Length cm | Material | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-----------------|------------|-----------|----------------|
| 25 | stainless steel | P113 07 90 | | |



THERMOSTATIC ANTI-ICING SAFETY VALVE

The thermostatic valve is an economical anti-freeze and protection accessory for your installation. When water temperature drops to 1 °C, the valve opens letting the water trickle through, preventing it from freezing. When water temperature increases to over 4 °C, the valve automatically closes until the next cycle.

The anti-freeze safety valve should be installed on a brass 1/2 female connection.

- Thread : male
- Connection diameter : 1/2" (15/21 mm)

| Material | Use | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-------------|------------|-----------|----------------|
| Brass | anti-freeze | P113 08 11 | | |



ANCHORING BRACKET

1/2" self-perforating anchoring bracket on 3/4" (20/27 mm) polyethylene pipe.
Designed to be connected to PF5 and PF6 directly fastened to a hose.
Delivered with seal.

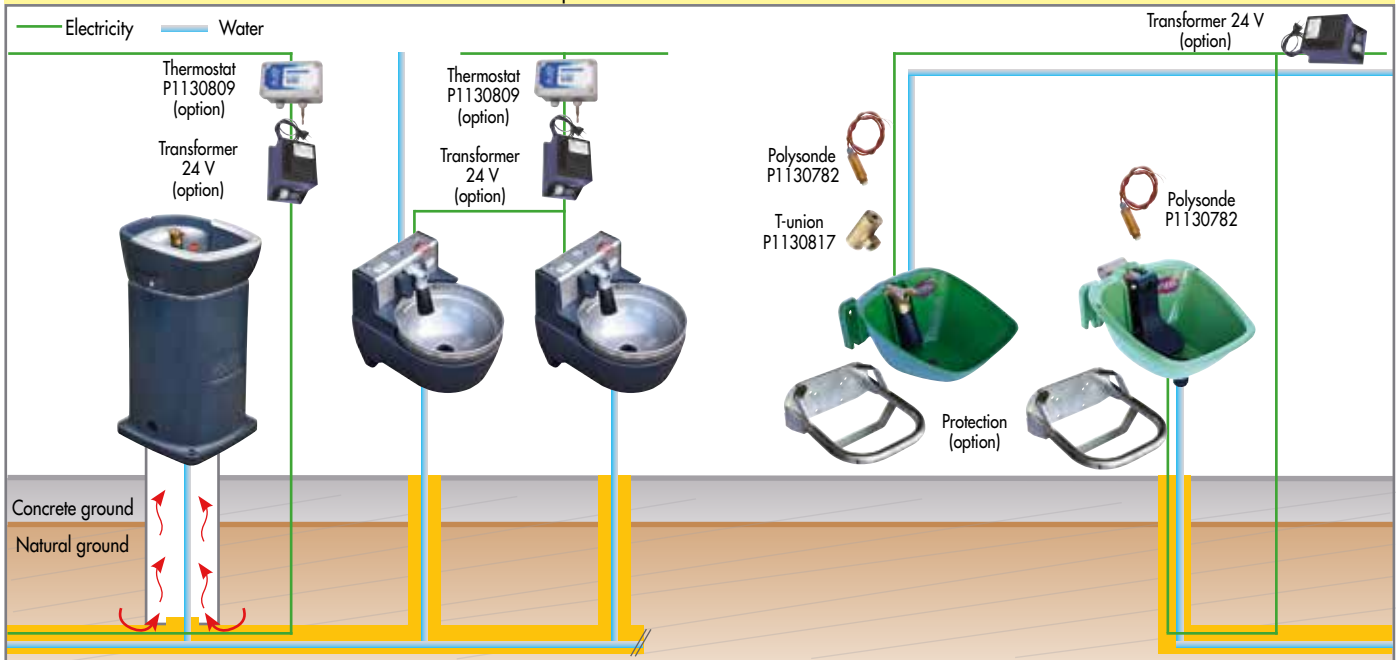
- Connection Ø : 1/2" (15/21 mm) - female

| Material | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|--------------|-----------|----------------|
| Stainless steel | P113 04 50 | | |

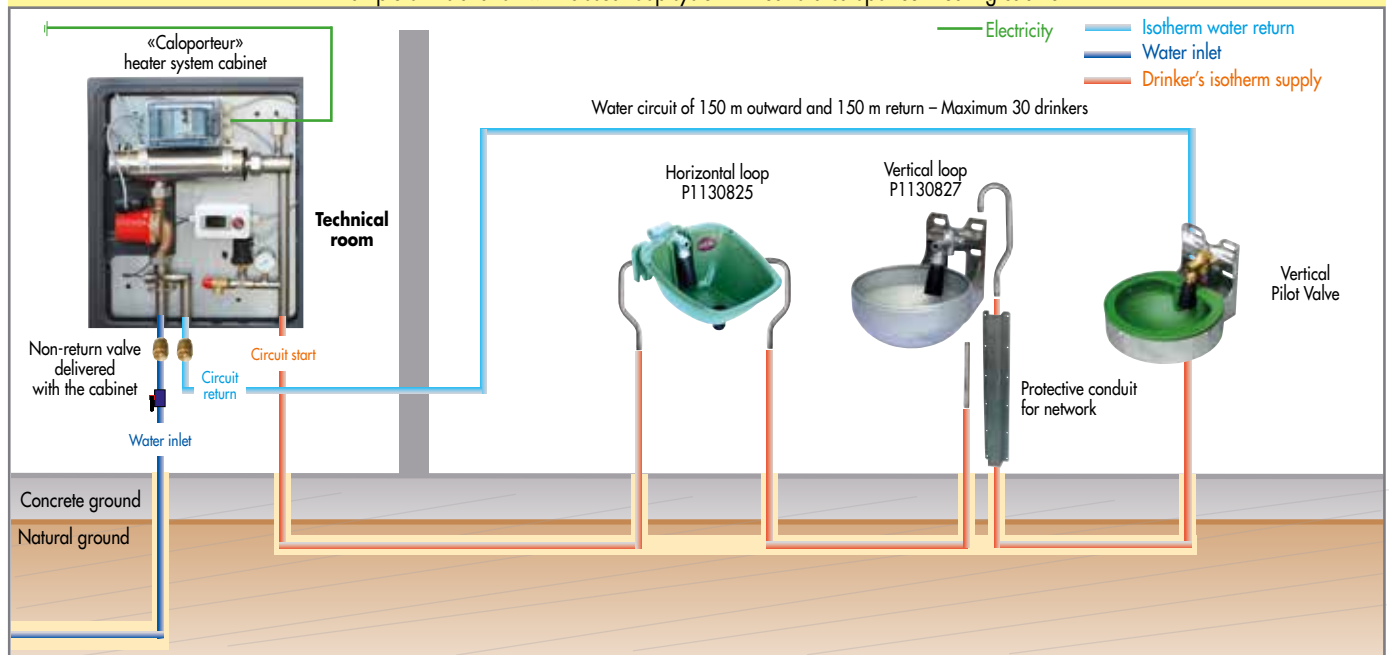


EXAMPLE OF INSTALLATIONS MADE BY PROFESSIONNALS IN COMPLIANCE WITH ELECTRICAL AND PLUMBING STANDARDS

Example of installations for heated drinkers



Example of installation with closed-loop system linked to a caloporteur heating cabinet



Notes :

▶ HEATING AND THERMOSTAT SYSTEMS

TRANSFORMER

A transformer is required to install our anti-freeze systems (except heating tape), it must have the appropriate power for the equipment it is supplying. A single phase system ready to plug in to 220 V mains and fitted with a protective fuse. See table below.

■ Voltage : 24 V



| Rating VA | Amps A | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|--------|------------|-----------|----------------|
| 50 | 2 | P113 08 01 | | |
| 100 | 4 | P113 08 03 | | |
| 200 | 8 | P113 08 05 | | |
| 400 | 17 | P113 08 07 | | |

THERMOSTAT FOR ANTI-FREEZE PROTECTION



Energy saving.

The thermostat, pre-set at 4 °C, triggers or cuts the power supply upstream of the transformer.

If > 4°C transformer is OFF

If < 4°C transformer is ON

One 220 V - 16 A thermostat can handle :

- 8 transformers 50 VA - 2 A
- 4 transformers 100 VA - 4 A
- 2 transformers 200 VA - 8 A
- 1 transformer 400 VA - 17 A



| Rating V | Amps A | Code Unit | € Ex. VAT | Packing Dealer |
|----------|--------|------------|-----------|----------------|
| 220 | 16 | P113 08 09 | | |

POLYRESISTANCE

The Polyresistance prevents compatible drinkers from freezing. It is fastened on a heat conducting cast aluminium part, avoiding direct contact with the drinker.

It is recommended to order the thermostat and the right transformer suitable to your facility and the number of heated drinkers.



| Rating W | Amps A | Code Unit | € Ex. VAT | Packing Dealer |
|----------|--------|------------|-----------|----------------|
| 80 | 3 | P113 07 80 | | |

HEATING POLYSONDE

The Polysonde features a brass body fitted with a heating cartridge which allows, by induction, the distribution of calories to the metal connections and the water in contact with them.

It prevents the rime mechanism and the water inlet pipe from freezing (1 m or 3 m if insulated).

Can be screwed into standard ½" or ¾" plumbing connections by changing the side of the cartridge and its opposing plug. The Polysonde must be connected to an appropriate transformer for power.

It is recommended to order the thermostat and the right transformer suitable to your facility and the number of heated drinkers.



| Rating W | Amps A | Voltage V | Code Unit | € Ex. VAT | Packing Dealer |
|----------|--------|-----------|------------|-----------|----------------|
| 12 | 0.5 | 24 | P113 07 82 | | |

LED 24 V SIGNAL LAMP

Spare LED for heating drinkers.

| System | Type | Rating V | Code Unit | € Ex. VAT | Packing Dealer |
|---------------|------|----------|------------|-----------|----------------|
| control light | LED | 24 | P113 92 31 | | |



| Number of water troughs with heating system per transformer | | | | | | | |
|---|--|---------------------|------------------------------------|-----------------|------------------|------------------|--|
| Drinkers | heating system | Power | Number of drinkers per transformer | | | | |
| | | | 50 VA - 2 A | 100 VA - 4 A | 200 VA - 8 A | 400 VA - 16 A | |
| PF1 Polyfirst | + option Polysonde | 12 W | drinkers 1 to 4 | drinkers 1 to 8 | drinkers 1 to 16 | drinkers 1 to 32 | |
| PF2 Polyself | | | | | | | |
| PF3 Polydrink | | | | | | | |
| P113 | | | | | | | |
| PE10 | | | | | | | |
| PE11 | | | | | | | |
| Polyflex | | | | | | | |
| Polytherme 4 balls | + option Immersion heater | 300 W | - | - | - | drinker 1 | |
| Résinox | with 1 polyresistance | 1x50 W | drinker 1 | drinkers 1 to 2 | drinkers 1 to 4 | drinkers 1 to 8 | |
| heating Polyspring | with 1 polyresistance | 1x80 W | - | drinker 1 | drinkers 1 to 2 | drinkers 1 to 5 | |
| | with 1 polyresistance | 1x180 W | - | - | - | drinkers 1 to 2 | |
| heating Polyclean | with 2 polyresistances | 2x80 W | - | - | drinker 1 | drinkers 1 to 4 | |
| Nordic Polyclean | with 2 polyresistances and 1 polysonde | 2x180 W 1 x 12 W | - | - | - | drinker 1 | |
| simple Polyflap | with 1 polyresistance | 1x80 W | - | drinker 1 | drinkers 1 to 2 | drinkers 1 to 5 | |
| double Polyflap | with 1 polyresistance | 2x80 W | - | - | drinker 1 | drinkers 2 | |
| Polymax | with 4 polyresistances | 4x80 W | - | - | - | drinker 1 | |
| | with 2 polyresistances | 2x80 W | - | - | drinker 1 | drinkers 1 to 4 | |
| Carter Polyflow | with 3 polyresistances | 3x80 W | - | - | - | drinker 1 | |
| | with 4 polyresistances | 4x80 W | - | - | - | drinker 1 | |
| | with 3 polyresistances | 3x80 W | - | - | - | drinker 1 | |
| Polyherd | with 4 polyresistances | 4x80 W | - | - | - | drinker 1 | |
| | with 5 polyresistances | 5x80 W | - | - | - | drinker 1 | |
| Carter Polynox | with 1 polyresistance | 1x80 W | - | drinker 1 | drinkers 1 to 2 | drinkers 1 to 5 | |

"CALOPORTEUR" HEATER SYSTEM CABINET



Effective and economical system against freezing.
The entire system is protected in an insulated rotomolded PE cabinet.

The Caloporteur heater system cabinet, integrated in a rotomolded polyethylene cabinet, is an anti-freeze system for your drinkers installations. Based on a central heating concept, the water circuit passing through the drinkers is supplied in a loop (up to 300 m) thanks to a food grade quality circulator.

The water passes through a stainless steel heater containing a 3000 W heating element which instantly heats it. An IP 55 pre-configured sealed regulation unit controls the temperature of the water return and the heater limiting energy consumption.

Additional safeties include non-return valves, a valve, an automatic air purger, and a water lack detector/warner (in case of mains shut down).

Depending on the type, diameter, and length of tube used, about thirty drinkers can be protected by this system (calculated based on 300 m of insulated PE pipe with external temperature at -18° and water at 8°).

This equipment must be installed by a professional in compliance with electrical standards.

| Voltage V | Rating kw | Length m | Height m | Depth m | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-----------|----------|----------|---------|------------|-----------|----------------|
| 220 | 3 | 0.58 | 0.63 | 0.15 | P113 07 81 | | |

WATER CIRCULATOR

The food grade quality circulator circulates the water in the pipes looped together in order to limit freezing.

It is recommended to use it in cold regions.

It must operate in a water circuit and be protected by non-return valves.

Male thread input and output.

Fitted with an IP 42 connection unit

and can be set at one of three rotation speeds:

- V1: 70 W
- V2: 102 W
- V3: 114 W



| Rating V | Amps Hz | Flow rate | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------------------------|-------------|------------|-----------|----------------|
| 230 | 50 | 5.5 m ³ /h max. | 50 | P113 08 13 | | |

SELF-REGULATING HEATING TAPE



Heating tape protects against freezing and avoids the deterioration of metal or PE pipes. It is made with two conducting wires surrounded by an insulating material containing conductive graphite.

When the plastic insulation comes into contact with cold, it contracts, increasing contact between the particles thus causing the tape to heat. When temperatures rise, the plastic dilates causing the opposite phenomenon to occur. Self-regulating heating tape must be directly connected to a 220 V mains supply through the special Domoclick® supply unit and mechanically protected when within reach of animals. It can be cut for each drinker downpipe and connected via a Domoclick® T connector.

It is maintained in contact with the pipe with appropriate aluminium tape, available as an option. Linked to a thermostat, this installation is very economical, consuming only 20 W/metre/hour.

Tor order separately :

- Domoclick connector
- Domoclick « T » connector
- Adhesive tape

Delivered with warning labels (follow the instructions supplied with the tape).

■Rating : 20 W/ml

| Length m | Packaging | Quantity | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-----------|-----------|------------|-----------|----------------|
| 5 | Roll | 1 label | P113 07 97 | | |
| 50 | Roll | 10 labels | P113 07 98 | | |
| 100 | Roll | 20 labels | P113 07 99 | | |

DOMOCLIK® INPUT/OUTPUT CONNECTOR

This unit is used to connect heating tape to a standard electrical supply 220V.

Delivered with an end plug 1 to place at the other end of the tape.

■Use : To be connected to the power supply 220 V from heating tapes

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 93 | | |



DOMOCLIK® T CONNECTOR

The Domoclick® T connector is used to connect two or three heating tapes and the junction or extension in the installations.

It is very practical to extend the self-regulating heating tape closest to the drinker down the pipe.

Delivered with two end plugs 1 to place at the other end of the tape if necessary.

■Use : For « T » connection for heating tapes

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 07 95 | | |



ROLL OF ALUMINIUM ADHESIVE TAPE

The roll of aluminium adhesive tape is used to install the self-regulating heating tape directly on the water supply pipes and maintains it in place, thus diffusing the heat over a greater surface.

| Material | Length m | Width mm | Code The roll | € Ex. VAT | Packing Dealer |
|-----------|----------|----------|---------------|-----------|----------------|
| Aluminium | 50 | 50 | P113 07 86 | | |



FASTENING SUPPORTS FOR DRINKERS

ANGLE MOUNTING PLATE

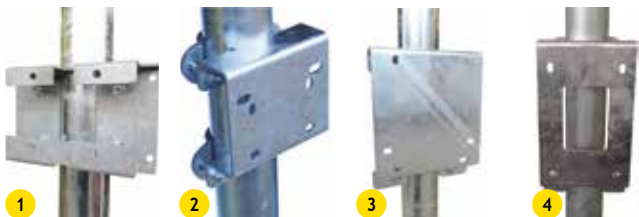
This multi-purpose galvanised bracket is intended to be fixed in an angle thus naturally protecting the drinker.

■ Material : galvanised steel ■ Fastening : wall



| For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|--|------------|-----------|----------------|
| PF1/PF2/PF3/PF5/Autodrink/Polyflex/PE10/PE11 | P113 07 47 | | |

MOUNTING PLATE WITH 1/2 FASTENING FLANGE FOR DRINKERS ON POST



These mounting brackets are used to fasten the drinker and its metallic protection on round Ø 76 or 102 mm posts using its two 1/2 toothed flanged delivered as standard. It is designed with technical reinforcements and screw holes.

Delivered with one pair of 1/2 round flanges.

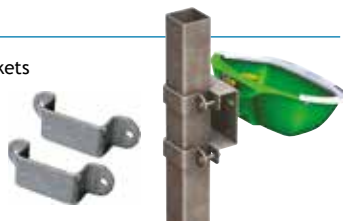
■ Material : galvanised steel

| | For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------------------------------|------------|-----------|----------------|
| 1 | Autodrink | P113 03 02 | | |
| 2 | PF1/PF2/P F3/PF5/PF6/Polyflex | P113 07 33 | | |
| 3 | Polyflex NC | P113 07 35 | | |
| 4 | Résinox II | P113 07 36 | | |

1/2 SQUARE FLANGE

Used to fasten drinker mounting brackets on 90 mm square posts.

■ Material : galvanised steel



| Code The pair | € Ex. VAT | Packing Dealer |
|---------------|-----------|----------------|
| P113 07 34 | | |

METALLIC PROTECTION

DRINKER PROTECTION



■ Material : galvanised steel
■ Fastening : wall

| | For Drinker | Code Unit | € Ex. VAT | Packing Dealer |
|---|------------------|------------|-----------|----------------|
| 5 | Autodrink | P113 03 01 | | |
| 6 | PF2/PF5/Polyflex | P113 07 37 | | |
| 7 | PF3/PF6 | P113 07 39 | | |
| 8 | Polyflex NC | P113 07 45 | | |
| 9 | Résinox II | P113 07 38 | | |

PROTECTIVE CHANNEL FOR NETWORK

The channel mechanically protects piping and electric wires for heating and insulating systems from being eaten by animals. Made out of galvanised sheet metal, it ensures that the installation is safe and meets your safety requirements.

| Height mm | Depth mm | Width mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|----------|------------|-----------|----------------|
| 1000 | 70 | 76 | P113 07 75 | | |
| 700 | 70 | 76 | P113 07 91 | | |

ELECTRICS LEAD-IN

Tube in galvanised steel with side hole for wire of the Polysonde probe, protects cable from animals.

| Diameter mm | Thickness mm | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|--------------|----------|------------|-----------|----------------|
| 25 | 2 | 1.50 | P113 07 96 | | |

OMEGA BRACKET

This stainless steel bracket is used to fasten pipes and 3/4" lead-ins to the wall.

| Material | Fastening | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------|--------------|-----------|----------------|
| stainless steel | 3/4 tube" | P113 04 45 | | |

Bag of 5 omega brackets



▶ PLUGS AND THROUGH-WALLS

CAPSULE PLUGS FOR DRINKERS



| | Drinker | Diameter mm | Colours | Code The bag | € Ex. VAT | Packing Dealer |
|---|-----------------------------------|----------------|-------------|--|-----------|----------------|
| 1 | Autodrink PF1 Polyflex | 19 22 24 | Transparent | P113 95 42 P113 95 44 P113 95 45 | | |
| 2 | Polyflex NC | 20 | Green | P113 95 43 | | |
| 3 | Polyspring/Polypump/ PE10/PE11 | 25 | Black | P113 95 46 | | |
| 4 | PF2/PF3/PF5/PF6/ Résinox II | 15/21 | Black | P113 95 49 | | |

Bag of 5 plugs

COMPLETE THROUGH-WALL (15/ 21 MM)

Fitted with:
- 5 through-wall (15/21 mm) with 5 seal
- 5 plug with 5 seal.

The complete 15/21 through-wall is used on Polyself, Résinox, Polydrink and Polyfast drinkers.

| Through wall mm | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|--------------|-----------|----------------|
| 15/21 | P113 09 24 | | |



COMPLETE THROUGH-WALL (33/42 MM)

Fitted with:
- 1 through-wall (33/42 mm) with 1 seal
- 1 clamping nut
- 1 plug with 1 seal

The complete 33/42 through-wall is used on Polybac M and S drinkers and Superbac round, oval, and pasture water trough Eco.

| Diameter mm | Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-------|------------|-----------|----------------|
| 33/42 | 1"1/4 | P113 09 21 | | |



PLUG WITH SEAL FOR THROUGH WALL (33/42 MM)

Plug with seal for through-wall (33/42 mm).
Used on Polybac M and S drinkers and Superbac round, oval, and La Gée pasture water trough .

| Diameter mm | Type | Quantity | Code The bag | € Ex. VAT | Packing Dealer |
|-------------|-------|--------------------|--------------|-----------|----------------|
| 33/42 | 1"1/4 | 1 plug with seal | P113 09 20 | | |
| | | 10 plugs with seal | P113 09 22 | | |



PLUG FOR POLYTHERME, POLYCLEAN, AND POLYMAX

| Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| 90 | P113 07 64 | | |



PUSHERS FOR AUTODRINK

Suitable for Autodrink drinkers.

■Material : Injected polythene resin



| | Pusher | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------------------|------------|-----------|----------------|
| 4 | tube | P113 95 26 | | |
| 5 | horizontal paddle | P113 95 24 | | |
| 6 | vertical paddle | P113 95 25 | | |

▶ MAINTENANCE

PUSHERS FOR DRINKERS WITH PILOT VALVE



Suitable for all types of individual POLY push-type drinkers/waters fitted with a brass pilot valve: Polyfirst/ Polyflex/Polyself/Polydrink/Polyspring II.

■Material : Injected polythene resin

| | Pusher | Code Unit | € Ex. VAT | Packing Dealer |
|----|-------------------|------------|-----------|----------------|
| 8 | tube | P113 07 65 | | |
| 9 | horizontal paddle | P113 07 69 | | |
| 10 | vertical paddle | P113 07 67 | | |

MECHANISM FOR AUTODRINK DRINKER

Complete spare mechanism for AUTODRINK drinker.

| Code The kit | € Ex. VAT | Packing Dealer |
|--------------|-----------|----------------|
| P121 75 13 | | |



MAINTENANCE KITS FOR DRINKERS



| | Mechanism | Code Kit | € Ex. VAT | Packing Dealer |
|----|---------------------------------------|------------|-----------|----------------|
| 11 | Brass and Stainless steel pilot valve | P113 06 05 | | |
| 12 | Brass technipilot valve | P113 07 59 | | |
| 13 | Autodrink Valve | P121 75 17 | | |

VALVE FLOW REGULATORS AND FILTERS



This kit can repair two mechanisms. It includes: - 2 filters, - 2 flow regulators, - seals, - 1 tube of grease. It is used to filter or regulate the water flow.

| | Mechanism | Code The kit | € Ex. VAT | Packing Dealer |
|----|--------------------------------------|--------------|-----------|----------------|
| 14 | Brass technipilot valve | P113 07 62 | | |
| 15 | Brass or Stainless steel pilot valve | P113 06 07 | | |

FILTERS FOR PUSH-TYPE DRINKER/WATERER MECHANISMS

Spare filters for drinkers fitted with a horizontal and vertical pilot valve.
Optional for basic P112/P113 mechanism.
Compatible with push-type drinkers /waterers.

| Code The bag | € Ex. VAT | Packing Dealer |
|--------------|-----------|----------------|
| P113 06 06 | | |

Bag of 5 filters



VALVE SEALS FOR DRINKER

These seals are used for drinker maintenance .

| Mechanism | Diameter mm | Thickness mm | Code The bag | € Ex. VAT | Packing Dealer |
|---------------------------------------|-------------|--------------|--------------|-----------|----------------|
| Pilot valve | 24 | 4 | P113 83 38 | | |
| Autodrink valve and technipilot valve | 18.5 | 2 | P113 83 35 | | |

Bag of 5 seals



• POLYPORC DRINKERS



Made in 304 stainless steel, they are extremely robust.

They are intended to be fixed directly to the wall at a height adapted to the age of the animal.

The POLYPORC drinker is made with a shallow bowl with a small water reserve promoting water consumption and daily average gains.

There are three POLYPORC drinker models:

- POLYPORC Piglet.
- POLYPORC Post -weaning.
- POLYPORC Finishers /sows /boars.

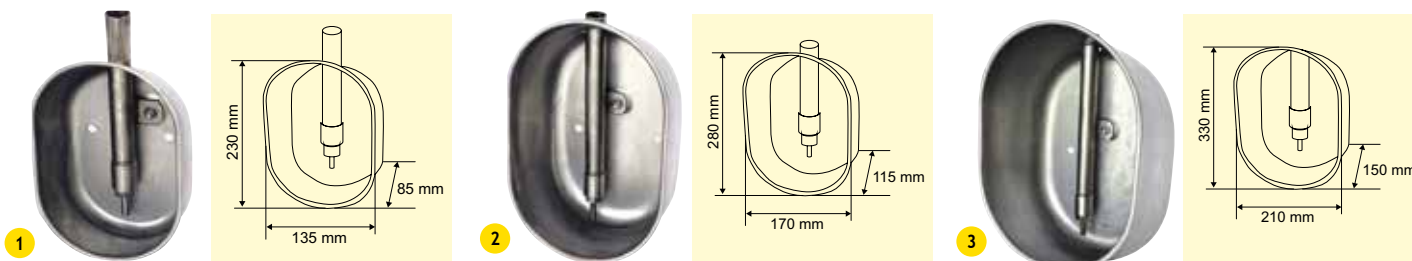
They are factory fitted with an adjustable push mechanism made out of heavy-duty stain less steel.

Their 1/2 female mechanism on the top makes it easy to connect the drinker directly to 3/4 1/2 male threaded stainless steel tubes, avoiding additional costs associated with female threaded stainless steel tubing or other standard adapters.

The Polyporc drinker and nipples are made out of high-quality 304 stainless steel. The size and shapes are suited to swine morphology according to age. Connection by stainless steel tube provides a heavy duty supply system and protects it from damage by the animals. The stainless steel tube can be connected to the existing water supply hose (generally 3/4) using our anchoring bracket and adaptor specially designed for this. The various corner and omega brackets can be used to attach the stainless steel tube to the wall. The flow rate can be adjusted by adding a 1/2 stainless steel male/female connection with a flow regulator.



POLYPORC DRINKER



Recommendations !

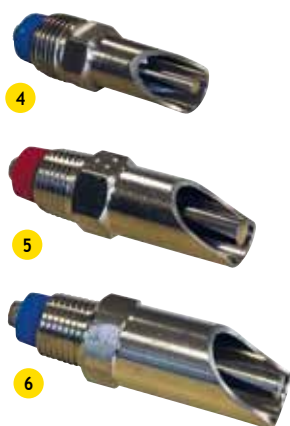
| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Piglet | - | 8 cm |
| Post-weaning | 19 | 14 cm |
| Finishing | 19 | 25 cm |

- System : push-type
- Mechanism : nipple
- Material : stainless steel
- Fastening : wall
- Device : non-heating
- Pressure : network
- Connection diameter : Ø 1/2" (15/21 mm) - female

| Model | Length mm | Width mm | Depth mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|-----------|----------|----------|------------|-----------|----------------|
| 1 piglet | 230 | 135 | 85 | P113 04 01 | | |
| 2 post -weaning | 280 | 170 | 115 | P113 04 03 | | |
| 3 finishing | 330 | 210 | 150 | P113 04 05 | | |

Box of 5 drinkers

NIPPLE FOR PIGS



Made in 304 stainless steel, they are extremely robust.

Nipples have a 1/2" threaded fitting and factory fitted filter. They should be fixed directly to 15° or 45° stainless steel T-unions, connected to a stainless steel tube of appropriate length depending on the animal's age. Our drinkers and nipples are made out of high-quality 304 stainless steel. The size and shapes are suited to swine morphology according to age. Three models are available :

- Polyporc nipple, Piglet ;
- Polyporc nipple, Post-weaning ;
- Polyporc nipple, sows or boars.

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Piglet | - | 20 cm |
| Post-weaning | 19 | 30 cm |
| Finishing | 19 | 50 cm |

| Model | Type | Diameter mm | Length mm | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------|-------------|-----------|--------------|-----------|----------------|
| 4 piglet | 3/8 - 1/2 | 19 | 61 | P113 04 21 | | |
| 5 post -weaning | 1/2 - 1/2 | 20 | 74 | P113 04 23 | | |
| 6 finishing | 3/4 - 1/2 | 25 | 81 | P113 04 25 | | |

Bag of 3 nipples

INDIVIDUAL TROUGH FOR PIGS



To renovate the galvanised trough for a good value/money

They fit into the galvanised feed trough in the farrowing pens when its bottom is damaged.

- Use : for pigs
- Material : polyethylene resin

| Model | Length m | Width m | Depth m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|----------|---------|---------|------------|-----------|----------------|
| with rim | 0,52 | 0,46 | 0,23 | P113 13 05 | | |
| rimless | 0,43 | 0,39 | 0,22 | P113 13 03 | | |



REPLACEMENT NIPPLE FOR POLYPORC DRINKER

Replacement stainless steel nipple with flow rate adjustment in case of wear. Only compatible with POLYPORC drinkers.



| Material | Code The bag | € Ex. VAT | Packing Dealer |
|------------------|-----------------|-----------|-------------------|
| Stainless steel | P113 04 11 | | |
| Bag of 3 nipples | | | |

1/ 2 FEMALE/FEMALE T-UNION"

Used to offset the nipple from the wall.

- Ø : 1/2" (15/21 mm)
- Connection : female/female



| Material | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|-----------|-------------------|
| Stainless steel | P113 04 31 | | |
| | P113 04 33 | | |

Bag of 3 T-unions.

WATER INLET STAINLESS STEEL TUBE

Stainless steel tubes provide a sturdy supply system protecting it from damage by animals.

- Ø : 3/4" (20/27 mm)
- Connector : 1/ 2 male/male"

| Material | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|--------------|-----------|-------------------|
| Stainless steel | P113 04 37 | | |
| | P113 04 39 | | |
| | P113 04 41 | | |

ANCHORING BRACKET

1/2" self-perforating anchoring bracket on 3/4" (20/27 mm) polyethylene pipe. Designed to be connected to PF5 and PF6 directly fastened to a hose. Delivered with seal.

- Connection Ø : 1/2" (15/21 mm) - female



| Material | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|-----------|-------------------|
| Stainless steel | P113 04 50 | | |

WATER SUPPLY HOSE

Fitted with:

- 1 adaptor 1/2 female end piece"
- 1 anchoring bracket on 3/4 tube"
- 1 1 m pipe

Used to directly connect to the main polyethylene supply line. Compatible with the water inlet tube.



| Code Unit | € Ex. VAT | Packing Dealer |
|--------------|-----------|-------------------|
| P113 04 53 | | |

1/2" THREADED RIBBED ADAPTOR - 1/2" FEMALE

Connects a hose and a male stainless steel tube or a nipple.



| Material | Ø | Connector | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|------------------------------|-----------------|-----------|-------------------|
| stainless steel | 1/2" (15/21 mm) | male ribbed/ female threaded | P113 04 55 | | |

Bag of 3 adaptors.

RIBBED 1/2" CONNECTION - 1/2" MALE

Connects a hose and a female/female T-union or Polyporc drinker.



| Material | Ø | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|-----------------|-----------|-------------------|
| stainless steel | 1/2" (15/21 mm) | P113 04 52 | | |

Bag of 3 connections.

STAINLESS 1/2" MALE/FEMALE CONNECTOR WITH FLOW REGULATOR

Used to adjust the flow of the water arriving in the Polyporc drinker or the nipple. Plan for one connection per water point.



| Material | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|-----------|-------------------|
| stainless steel | P113 04 57 | | |

Bag of 3 connections.

OMEGA BRACKET

This stainless steel bracket is used to fasten pipes and 3/4" lead-ins to the wall.



| Material | Fastening | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------|-----------------|-----------|-------------------|
| stainless steel | 3/4" tube | P113 04 45 | | |

Bag of 5 omega brackets

OFFSET FASTENING SUPPORT FOR TUBES

For 3/4" stainless steel tube. Used to offset the fastening point. Compatible with the water inlet tube.



| Material | Ø | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|-----------------|-----------|-------------------|
| stainless steel | 3/4" (20/27 mm) | P113 04 49 | | |

Bag of 5 supports.

FASTENING CORNER BRACKET FOR TUBES

Used to fasten the water inlet tube to the wall.



| Material | Ø | Code The bag | € Ex. VAT | Packing Dealer |
|-----------------|-----------------|-----------------|-----------|-------------------|
| stainless steel | 3/4" (20/27 mm) | P113 04 47 | | |

Bag of 5 corner brackets.



• CATTLE AND SHEEP FOOTBATHS AND BOOT DIPS



Priority given to health and hygiene

Placed in mandatory transit ways, footbaths and dips enable to :

- treat animals' hooves.
- disinfect boots to avoid microbial contamination.

Made of polyethylene resin, they are rot-, detergent-, and disinfectant resistant and UV-stabilised.

They are non-freeze.

Can be cleaned at high pressure.



MODULAR CATTLE FOOTBATH



Line with footbaths linked together. For a better disinfection.



- ideal to be used in coupled trays to separate pre-wash, pre-disinfection, and disinfection baths,
- anti-slip tread on the bottom that does not prevent the liquid from circulating,
- beaded edges prevent slipping,
- immersion depth sufficient to treat the entire hoof,
- drain plug allows complete emptying,
- wide handles on the sides for easy handling,
- tongue and groove connections at each end of the footbath to firmly maintain the line of baths in place as the animals walk through them,
- stackable for storage,
- the connections between the baths slow the animals down optimising product effectiveness.

Example of installation:

PACK 2.40 m

- 2 modular 1.25 m cattle footbaths
- Overall length 2.40 m x width 0.82 m.

PACK 3.40 m

- 3 modular 1.25 m cattle footbaths
- Overall length 3.40 m x width 0.82 m.

PACK 3.90 m

- 2 modular footbaths of 2 m each
- Overall length 3.90 x width 0.82 m.

■ Material : rotomolded resin

■ Colours : green

■ Use : for cattle

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 82 | 1.25 | 0.80 | 0.16 | P113 15 11 | | |
| 171 | 2 | 0.80 | 0.16 | P113 15 17 | | |



Tongue and groove connections at each end of the footbaths for soundly maintaining the line of baths in place as the animals walk through them.

Stackable for storage.



PLUG FOR MODULAR SHEEP FOOTBATHS

| Colour | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-------------|------------|-----------|----------------|
| black | 40 | P113 15 16 | | |



SHEEP FOOTBATH



The sheep footbath's design enable an intensive use by sheep and a fully immersing feet for effective treatment without any risk of injury. Bath height retains liquid.

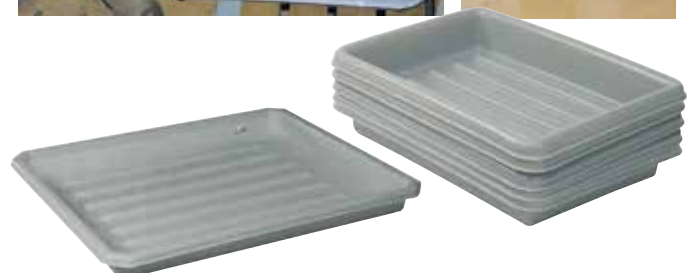
■ Material : rotomolded resin

■ Colours : anthracite grey

■ Use : for sheep

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 142 | 3.00 | 0.45 | 0.20 | P113 15 13 | | |

BOOT DIP



Small and large boot dips have a ribbed bottom which retains dirt. The large model prevents people from bypassing the disinfectant.

■ Material : rotomolded resin

■ Use : for humans

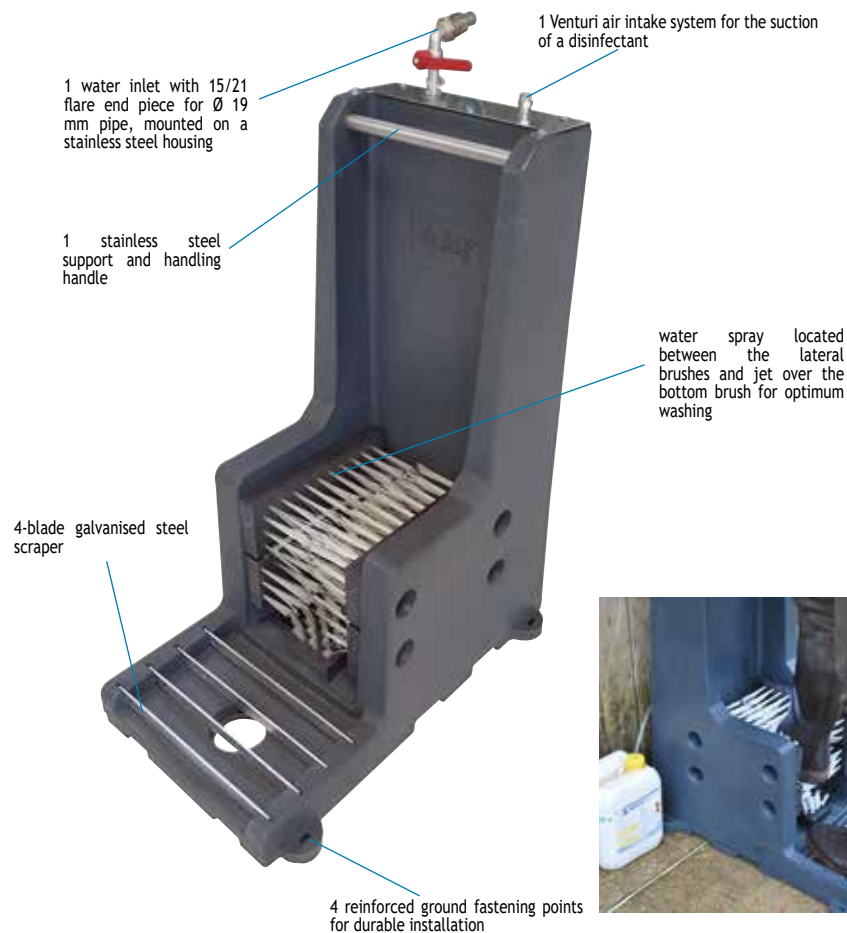
■ Colours : grey

| Model | Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|-------|------------|----------|---------|----------|------------|-----------|----------------|
| PM | 60 | 0.72 | 0.51 | 0.12 | P113 15 05 | | |
| GM | 121 | 1.26 | 1.08 | 0.11 | P113 15 03 | | |



• **BOOT WASHER**

This boot washer is available in 2 versions for a perfect cleaning.



STANDARD BOOT WASHER

+PRODUCT **Easy to mount.**

This boot washer is suitable for everyday muddy boot washing. It has two drain holes under the brushes and 1 Ø 90 mm drain hole under the scraper.

- Length : 675 mm
- Width : 440 mm
- Height : 990 mm

| | | |
|------------|-----------|----------------|
| Code Unit | € Ex. VAT | Packing Dealer |
| P113 17 19 | | |

SENSITIVE ENVIRONMENT BOOT WASHER

+PRODUCT **Wastewater disposal managed.**

This boot washer is suitable for boots that are not heavily soiled but which require intensive disinfection. Ideally placed at the entrance to / exit from buildings, slaughterhouses, infirmaries, or veterinary practices. It has a Ø 90 mm front outlet to be connected to a suitable wastewater collection network.

- Length : 675 mm
- Width : 440 mm
- Height : 990 mm

| | | |
|------------|-----------|----------------|
| Code Unit | € Ex. VAT | Packing Dealer |
| P113 17 18 | | |





WALL PHARMACY



Suited to livestock buildings, meets EU hygiene standards. Keeps medication out of reach and frees up floor space for cleaning. Capacity foreseen, 40 to 50 animals. A series of wall pharmacies can devote each one to a specific type of treatment.

The pharmacy is fitted with:

- 2 metal shelves forming 3 levels.
 - Door fittings:
 - The door has a watertight and airtight seal,
 - Can be padlocked,
 - 1 whiteboard for notes,
 - 1 prescription clip,
 - 1 syringe holder,
 - 1 small bottle holder
- The door is double walled for greater rigidity.

- Material : Rotomolded resin
- Height : 0.80m
- Length : 0.60m
- Depth : 0.52m
- Colours : Green

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 17 03 | | |

DAIRY CHART CABINET

The dairy chart cabinet is essential for a dairy farm and to comply with European Union hygiene standards.

Equipped with wall fastening, it frees the floor and wall bottom for cleaning.

Inside fittings:

- calendar holder,
- bar code holder,
- lab results holder,
- order forms holder.

- on the side : a gauge support for milk tank

Door fittings:

- double-wall for robustness,
- double latch fastening with lockable closing system,
- the door has a watertight and airtight seal,
- milk tank schedule holder,
- erasable marker board,
- dairy note holder,
- on the outside,
- a milk tank gauge holder.

- Material : rotomolded polyethylene
- Colours : green

MEDICINE CABINET



1



2

The medicine cabinet features are :

- hooks to hang it over rails ;
- a folding handle and a wide carry strap,
- double walled lid for greater robustness,
- a fastening with lockable closing system.

The lid has four spaces with elastic straps. Inside, the upper right tray is for syringes and for the large model GM the upper left tray is for small materials.

■ Material : rotomolded polyethylene

| | Model | Length m | Depth m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------|----------|---------|----------|------------|-----------|----------------|
| 1 | PM | 0.45 | 0.34 | 0.29 | P113 17 09 | | |
| 2 | GM | 0.54 | 0.39 | 0.34 | P113 17 07 | | |

MILKING PARLOUR CONTAINER SUPPORT



Can accommodate 2 25 l containers.

Ideal for milking parlours.

Avoids the recurring handling of containers.

Can be mounted on the wall at the desired height for more convenience.

It is rot-, detergent-, disinfectant-, and acid-resistant.

Features:

- 1 upper shelf with a drain hole to store cleaning tools,
- 1 central support large enough to accommodate two 25 l containers on their sides,
- 1 lower tray with 2 collectors with tap drain to avoid floor damage.

Delivered with 2 mounting plates.

■ Material : rotomoulded polyethylene



| Length m | Depth m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.63 | 0.55 | 0.73 | P113 17 01 | | |



| Width m | Depth m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|---------|---------|----------|------------|-----------|----------------|
| 0.58 | 0.15 | 0.63 | P113 17 05 | | |



SUSPENDED SUPPORT TROLLEY

Suitable for milking parlours to have the material at the right height. Keeps all the equipment at hand without cluttering the floor.

It features:

- 1 galvanised frame with fastening rail and fittings
 - 2 caddies for hygiene products,
 - 2 x 16 liter reinforced flat edge buckets for the hot water for cloths,
 - 2 lower trays for used wash cloths,
- Designed to be fasten to a U-shaped 50x40 mm guide rail which allows support trolley to slide along the rail.
Delivered without rail.



■ Model : suspended

| Depth m | Width m | Height m | Code | € Ex. VAT | Packing Dealer |
|---------|---------|--------------|------------|-----------|----------------|
| 0.78 | 0.46 | 1.40 to 1.60 | P113 17 11 | | |

CARE PRODUCT CADDY



Heavy-duty rotomolded compartmented tray with syringe holder.

The care product caddy can carry all products and small equipment required for care. Easy to carry thanks to its molded handle.

- Material : rotomolded polyethylene
- Model : handheld
- Colours : green

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.40 | 0.26 | 0.15 | P113 17 15 | | |

ROTOMOLDED FLAT EDGE BUCKET



Highly durable, reinforced and stackable

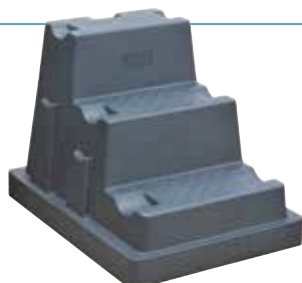
Rotomolded bucket in polyethylene with reinforced handle.

- Color : Light green
- Material : rotomolded resin



| Capacity l | Length cm | Width cm | Depth cm | Height cm | Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------|----------|-----------|------------|-----------|----------------|
| 16 | 34 | 32 | 27 | 27 | P121 41 05 | | |
| 23 | 40,5 | 38 | 34 | 34 | P121 41 07 | | |

FOOT STEP



Easily manoeuvrable footstep in a staircase design with rear handle. Its smooth, non-porous surfaces allow easy cleaning. Resistant to acid detergents and disinfectants, it is ideal for use in places where hygiene is essential, such as dairies and cheese dairies. It has numerous reinforcements allowing it to support a load of 100 kg.

- Step de depth : 21 cm
- Material : polyethylene resin
- Step height : 20 cm

| Number of steps | Depth m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|---------|---------|----------|------------|-----------|----------------|
| 2 | 0.56 | 0.58 | 0.40 | P113 17 61 | | |
| 3 | 0.80 | 0.62 | 0.60 | P113 17 63 | | |



MOBILE SUPPORT TROLLEY

It is very easy to manoeuvre allowing easy transportation of equipment in the milking parlour pit

Features:

- 1 galvanised frame with 160 mm diameter wheels.
- 1 tray with handle for hygiene products,
- 1 x 16 litre reinforced flat edge bucket for the hot water for cloths
- 1 lower tray for used wash cloths.

■ Model : on wheels



| Depth m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|---------|---------|----------|------------|-----------|----------------|
| 0.55 | 0.55 | 1.03 | P113 17 13 | | |

CLOTH TRAY

Rotomoulded, waterproof, and detergent-resistant tray.

Compatible with the mobile and suspended support trolley.

- Material : rotomolded polyethylene
- Colours : green



| Length cm | Width cm | Height cm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|------------|-----------|----------------|
| 46.5 | 36 | 15 | P113 17 14 | | |



Non-slip steps.



• MULTI-HOOKS



Ideal for livestock building's entrance hall. Easy to clean and disinfect.



This perfectly versatile enables the hanging of work clothes, and cleaning accessories (towels, gloves, etc.). Because of their synthetic material, they are easy to clean and disinfect.

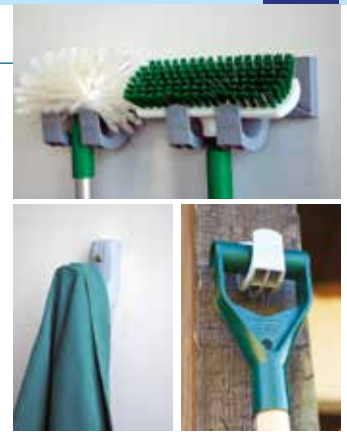
Adaptable to your needs :

- broomstick or hand tool holders,
- coat rack,
- coat pegs,
- handy hanger, etc.

To create your item, you need:

- 1 mounting plate with a V hanging system
- multi-purpose hooks.

The hooks can be also used individually.



LA GÉE HOOK

Rotproof and easy to fix.
Reinforced lower part and wall supports.
Threaded screw holes.
Compatible with the mounting plate.

■Material : injected resin



| Colours | Depth mm | Width mm | Height mm | Code Unit | € Ex. VAT | Packing Dealer |
|---------|----------|----------|-----------|------------|-----------|----------------|
| grey | 80 | 37 | 85 | P113 17 51 | | |
| black | | | | P113 17 52 | | |

Box of 25 hooks

LA GÉE MULTI-HOOK MOUNTING PLATE

Rotproof. Five shapes „V“ for hook clipping.
Two rear mouldings to accommodate two La Gée hooks to hang the mounting plate and hooks over any convenient support. Threaded screw holes. Compatible with La Gée hooks.

■Material : injected resin



| Colours | Length mm | Height mm | Thickness mm | Code Unit | € Ex. VAT | Packing Dealer |
|---------|-----------|-----------|--------------|------------|-----------|----------------|
| grey | 450 | 75 | 15 | P113 17 53 | | |
| black | | | | P113 17 54 | | |

Box of 10 mounting plates

• LONG HANDLED TOOLS AND BRUSHES "HEALTH REQUIREMENT"

All these tools are designed for cleaning tanks and containers in dairies as well as in the milking parlour. They meet the sanitary requirements imposed in "sensitive" places such as dairies, milking parlours.



Food grade quality.
Hygiene assured.



HAND BRUSHES

They have a squeegee strip in highly resistant rubber. They are detergent-, and disinfectant resistant to avoid Bacteria proliferation.
The floor squeegee meets sanitary requirements for treatment spaces and infirmaries.

■Mounting : Polyethylene

| Type | Length cm | Code Unit | € Ex. VAT | Packing Dealer |
|---------------------|-----------|------------|-----------|----------------|
| 1 Small model | 12 | P113 17 21 | | |
| 2 with short handle | 30 | P113 17 27 | | |
| 3 Large model | 22 | P113 17 23 | | |
| 4 | 25 | P113 17 25 | | |

FLOOR SQUEEGEE

They have a squeegee strip in highly resistant rubber. They are detergent-, and disinfectant resistant to avoid Bacteria proliferation.
The floor squeegee meets sanitary requirements for treatment spaces and infirmaries.

■Handle material : aluminium

■Usage : floor

■Mounting : Polyethylene

■Handle length : 1.5 m

| Width cm | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------------|------------|-----------|----------------|
| 5 45 | Shaft not fitted | P113 17 41 | | |
| | Shaft fitted | P113 17 42 | | |
| 6 55 | Shaft not fitted | P113 17 43 | | |
| | Shaft fitted | P113 17 44 | | |
| 70 | Shaft not fitted | P113 17 45 | | |
| | Shaft fitted | P113 17 46 | | |



SCRUBBER

Aluminium handle and rubber strip Head.
They are detergent-, and disinfectant resistant to avoid Bacteria proliferation.
These multi-use brushes are very strong and meet dairy sanitary requirements.

■Use : cleaning and hygiene

■Socket : polyethylene

■Handle material : aluminium

■Handle length : 1.5 m

| Width cm | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------------|------------|-----------|----------------|
| 7 23 | Shaft not fitted | P113 17 31 | | |
| | Shaft fitted | P113 17 32 | | |
| 30 | Shaft not fitted | P113 17 33 | | |
| | Shaft fitted | P113 17 34 | | |

MILK TANK SCRUBBER

Aluminium handle and synthetic fiber head, food grade quality.
Designed for cleaning tanks and containers in dairies. Its rounded shape is perfectly suited to the shape of milk cooling tanks.

■Handle material : aluminium

■Handle length : 1.5 m

■Socket : polyethylene

■Use : Milk cooling tanks

| Length cm | Width cm | Height cm | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|------------------|------------|-----------|----------------|
| 8 17 | 13 | 10 | Shaft not fitted | P113 17 35 | | |
| | | | Shaft fitted | P113 17 36 | | |



▶ LONG HANDLED TOOLS

This range of long handled tools is specially designed for livestock breeding. Easy-to-clean, few particles stick to the smooth surface.

When cleaned at high pressure, washed with detergent and disinfectant, they maintain impeccable sanitary conditions and prevent the spread of germs.

Quality tools that meet your demanding requirements for livestock farm maintenance and cleaning.

• SHOVEL AND SCRAPERS "PRO"

+PRODUCT  **Foodstuff quality shavings.**
Reinforced bracket for greater durability.

Professional range suitable for the agricultural and livestock farming. These hand-tools are made of highly durable resin. Rot-proof and washable with detergents and disinfectants, they maintain hygiene on the farm. They feature numerous reinforcements and anti-wear pads ensuring great resistance to abrasion on concrete surfaces.



1 SILAGE SHOVEL "PRO"

The grey silage shovel is made out of food grade ABS. Specially designed for use to distribute or collect animal feed such as silage, grain, or cereals.

Thanks to its foodstuff quality shavings, there's less risk of foreign matter, unlike the splinters produced by aluminium shovels.

- Range : professional
- Colour : grey
- Material : ABS foodstuff quality
- Width : 0.37 m
- Ø shaft diameter : 38 mm

| Assembly | Length m | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|----------|------------|-----------|----------------|
| Shaft not fitted | 1.60 | P113 19 01 | | |
| Shaft fitted | | P113 19 03 | | |

2 SILAGE SCRAPER "PRO"

Made of high-density polypropylene. Durable, light and easy to handle. Reinforcements on the bracket and on the scraper blade.

Can be used in both directions : push or scrape. It can scrape concrete surfaces without the risk of producing splinters harmful for animals, unlike tools with aluminium shafts.

- Range : professional
- Material : polypropylene
- Colour : grey
- Width : 0.66 m
- Ø shaft diameter : 32 mm

| Assembly | Length m | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|----------|------------|-----------|----------------|
| Shaft not fitted | 1.40 | P113 19 09 | | |
| Shaft fitted | | P113 19 11 | | |

3 MANURE SCRAPER "PRO"

The manure scraper is made of Polyethylene high density. Durable, light and easy to handle. The concave shape of the scraper blade allows a maximum amount of residue to be collected. Reinforcements on the bracket and on the scraper blade.

This manure scraper is used to clean concrete surfaces, grating, etc.

- Range : professional
- Material : high-density polyethylene
- Colour : black
- Width : 0.66 m
- Ø shaft diameter : 32 mm

| Assembly | Length m | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|----------|------------|-----------|----------------|
| Shaft not fitted | 1.43 | P113 19 05 | | |
| Shaft fitted | | P113 19 07 | | |



• SHOVELS AND SCRAPERS "GREEN SPACES"

+PRODUCT **Value/for money. Reinforced handle.**

These tools with resin shafts are rot-proof. The shaft has a large ergonomic D-grip for ease of use. They are more flexible but less abrasion-resistant than the professional range.



SHOVEL WITH HANDLE "GREEN SPACES"

Two shovel models (long and short shaft) with ergonomic handle. The shovels are particularly suitable for all small maintenance work in green spaces, such as handling grass, compost, leaves, or sand.

- Range : green spaces
- Material : polyethylene
- Colour : green
- Width : 0.37 m
- Ø shaft diameter : 33.5 mm

| Type | Length m | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|---------------|----------|------------------|------------|-----------|----------------|
| 1 Short shaft | 1.20 | Shaft not fitted | P113 20 05 | | |
| | | Shaft fitted | P113 20 07 | | |
| 2 Long shaft | 1.60 | Shaft not fitted | P113 20 01 | | |
| | | Shaft fitted | P113 20 03 | | |

3 SCRAPER WITH HANDLE "GREEN SPACES"

The green headed slurry pusher is suitable for scraping surfaces, such as bitumen or concrete.

- Range : green spaces
- Colour : green
- Material : polyethylene
- Width : 0.66 m
- Ø shaft diameter : 32 mm

| Assembly | Length m | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|----------|------------|-----------|----------------|
| Shaft not fitted | 1.43 | P113 20 09 | | |
| Shaft fitted | | P113 20 11 | | |



• SNOW SHOVELS AND SCRAPERS

The snow range comprises tools made of flexible polyethylene resin. They are suitable for snow removal. They can occasionally be used for handling low-density products, such as cereals, grain, or fertilisers.



SNOW SHOVEL

Two shovel models (long and short shaft) with ergonomic handle.

- Range : snow
- Material : flexible polyethylene
- Colour : red
- Width : 0.37 m

| Type | Length m | Ø shaft diameter mm | Model | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|---------------|----------|---------------------|----------------|------------------|------------|-----------|----------------|
| 4 short shaft | 1.20 | 33.5 | with handle | Shaft not fitted | P113 21 05 | | |
| | | | | Shaft fitted | P113 21 07 | | |
| 5 Long shaft | 1.60 | 38 | without handle | Shaft not fitted | P113 21 01 | | |
| | | | | Shaft fitted | P113 21 03 | | |

6 SNOW SCRAPER

This snow shovel is fitted with a blade which can be used to push or to scrape. It will allow you to quickly and efficiently clear snow-covered roads and tracks.

- Range : snow and cereals
- Material : flexible polyethylene
- Colour : red
- Width : 0.66 m
- Ø shaft diameter : 32 mm

| Assembly | Length m | Code Unit | € Ex. VAT | Packing Dealer |
|------------------|----------|------------|-----------|----------------|
| Shaft not fitted | 1.40 | P113 21 09 | | |
| Shaft fitted | | P113 21 11 | | |

• HAND-HELD SLURRY PUSHER

+PRODUCT  **Lightweight and ergonomic. Ideal for stall cleaning.**

Small scraper, light and practical. This scraper is suitable for milking parlours and bed cleanings. Shaft available in 2 length. Abrasion resistant. Reinforced socket for shaft fitting Ø 32 mm.



NEW



1 PRO HAND-HELD SLURRY PUSHER

Specially designed for intensive use for scraping manure and cleaning stalls.

- Material : ABS
- Width : 0.38 m
- Ø shaft diameter : 32 mm
- Colour : Grey

| Type | Length m | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|----------|------------------|------------|-----------|----------------|
| Short shaft | 1.50 | Shaft not fitted | P113 19 55 | | |
| | | Shaft fitted | P113 19 57 | | |
| Long shaft | 1.80 | Shaft not fitted | P113 19 59 | | |
| | | Shaft fitted | P113 19 61 | | |

2 STANDARD HAND-HELD SLURRY PUSHER

More flexible, suitable for scraping manure and cleaning stalls.

- Material : polyethylene
- Width : 0.38 m
- Ø shaft diameter : 32 mm
- Colour : green

| Type | Length m | Assembly | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|----------|------------------|------------|-----------|----------------|
| Short shaft | 1.50 | Shaft not fitted | P113 20 15 | | |
| | | Shaft fitted | P113 20 17 | | |
| Long shaft | 1.80 | Shaft not fitted | P113 20 19 | | |
| | | Shaft fitted | P113 20 21 | | |

SLURRY/PUSHER SHAFT

Compatible with the PRO and standard slurry pusher and the stall scraper.

| Diameter mm | Length mm | Material | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|----------|------------|-----------|----------------|
| 3 | 1500 | | P113 93 12 | | |
| 4 | 1800 | Ash | P113 93 13 | | |

• TOOL SHAFTS



YARD SCRAPER SHAFT/SCRAPER

Compatible with scrapers, PRO and "green spaces" yard scrapers.

| Diameter mm | Length mm | Material | Model | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|------------|----------------|------------|-----------|----------------|
| 5 | 1200 | Beech wood | without handle | P113 93 04 | | |
| 6 | | | with handle | P113 93 15 | | |

'BIRCH' TYPE BROOM SHAFT

| Diameter mm | Length mm | Material | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|-----------|------------|-----------|----------------|
| 7 | 1250 | Pine wood | P113 93 07 | | |

SYNTHETIC BROOM SHAFT

24 mm diameter is used for the 35 cm broom. 28 mm diameter is used for the 40 and 60 cm brooms.

| Diameter mm | Length mm | Material | Socket | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|-----------|-------------------|------------|-----------|----------------|
| 8 | 1300 | Pine wood | Thread in plastic | P113 93 05 | | |
| 9 | 1400 | Pine wood | Without | P113 93 06 | | |

LEAF RAKE SHAFT

| Diameter mm | Length mm | Material | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|-----------|------------|-----------|----------------|
| 10 | 1400 | Pine wood | P113 93 01 | | |

SHAVINGS FORK WITH BASKET AND SCOOP FORK SHAFT

| Diameter mm | Length mm | Material | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|----------|------------|-----------|----------------|
| 11 | 1400 | Ash wood | P113 93 02 | | |

SPADE SHAFT

| Diameter mm | Length mm | Material | Model | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|------------|-------------------|------------|-----------|----------------|
| 12 | 1200 | Beech wood | without handle | P113 93 03 | | |
| 13 | 1030 | Beech wood | with green handle | P113 93 14 | | |
| 14 | 780 | Beech wood | with green handle | P113 93 16 | | |
| 15 | | | with red handle | P113 93 08 | | |

SCRUBBER AND SQUEEGEE SHAFT

| Diameter mm | Length mm | Material | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|-----------|-----------|------------|-----------|----------------|
| 16 | 1500 | aluminium | P113 17 50 | | |





Example of shelf display 3 m for our drinkers



Example of shelf display 2 m for our La Gée handled tools

All the benefits of a known and recognized brand

For more than 35 years, our La Gée brand has been leading the high-end equipment landscape and is now distributed through the largest agricultural self-service stores in more than 40 countries all over the world.

You can easily identify and recognize our made in France products thanks to our logo and the French flag on the tag. All products have a single code and a gencode to facilitate your stock management and sales.





• BARROWS WITH TIPPING TUB

+PRODUCT **Easy tipping on all models.**

These barrows are designed with a galvanised frame and a tipping polyethylene resin tub. Fitted with 400 x 8 wheels - inflatable 4 ply on greased bearings with shoulder of 80 mm, metallic rims (except 200 l model). Well balanced frame spreads the load and provides optimum comfort.

BARROW 200 L



+PRODUCT **Excellent value for money.**

Suitable for daily use.

Mechanically welded galvanised tube frame.

- Tub body material : resin
- Frame : galvanised tube
- Rims : Plastic
- Maximum load : 120 kg
- Colour : green

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 200 | 1,55 | 0.73 | 0.80 | P113 23 15 | | |

BARROW 350 L

+PRODUCT **Full tipping.**



Frame in mechanically welded large cross section tubes and plates. Tub stop buffers in tipped position.

- Tub body material : resin
- Frame : mechanically welded galvanised
- Rims : metal
- Maximum load : 400 kg
- Color : grey

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 350 | 1.83 | 0.84 | 0.94 | P113 23 19 | | |

BARROW 330 L

+PRODUCT **More than 30 years !**



Ideal and multi-purpose tool to transport feed even over difficult terrain. The tub is fitted with an anti-tip mechanism. Option: lid

- Tub body material : resin
- Frame : mechanically welded galvanised
- Rims : metal
- Maximum load : 350 kg
- Color : grey

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 330 | 1.60 | 0.81 | 0.80 | P113 23 17 | | |

LID FOR 330 L BARROW

Lid with slide rails. Handle at front of the lid. Roof shaped, rainwater runs off, protecting the feed in the barrow.

- Material : rotomoulded resin

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 81 05 | | |



BARROW 450 L

+PRODUCT **Large volume. Full tipping.**



Frame in mechanically welded large cross section tubes and plates. Tub stop buffers in tipped position.

- Tub body material : resin
- Frame : mechanically welded galvanised
- Rims : metal
- Maximum load : 400 kg
- Color : Grey

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 450 | 2 | 0.94 | 0.94 | P113 23 21 | | |



• PRO-FEED TROLLEY

+PRODUCT **Tub without hollow part ! Handy and versatile.**

Innovative PE rotomolded feed trolley fitted with :
 - Rounded bottom tank without any hollow part where food could get stuck, improves the feed intake and cleaning as well,
 - 2 fixed front wheels on frame, ø 400 x 8 with metal rim
 - 2 pivoting rear wheels ø 200, one including brake, for a better stability and maneuverability
 - 1 drain plug ø 40
 - 1 strong handle made in zinc.



PRO-FEED TROLLEY 230 L

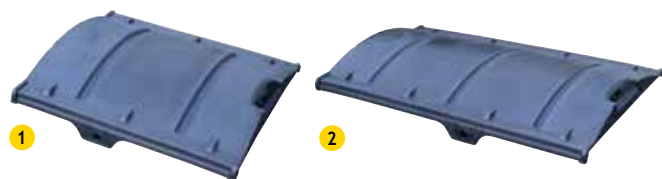


- 1 lateral rib molded in the tank to receive an optional divider.

■Material : polyethylene ■Color : Grey

| Capacity | Length m | Width m | Height m | Code Unit | U € Ex. VAT | Packing Dealer |
|----------|----------|---------|----------|------------|-------------|----------------|
| 230 | 1,18 | 0,77 | 0,90 | P113 23 41 | | |

LID FOR PRO-FEED TROLLEYS



+PRODUCT **With a handle, locking system, tipping system.**

Lids equipped with a locking system to avoid access from animal. Handy, they slide on top of the tank. Once open, they tip over the front and stay assembled to the trolley.

■Material : Polyethylene ■Color : Grey

| Model | Length m | Width m | Code Unit | U € Ex. VAT | Packing Dealer |
|--------------------------|----------|---------|------------|-------------|----------------|
| 1 For 230 l feed trolley | 0,87 | 0,79 | P113 23 45 | | |
| 2 For 350 l feed trolley | 1,25 | 0,79 | P113 23 47 | | |



★★★★★
PATENTED

PRO-FEED 350 L Trolley equipped with lid, dividers and multi-purpose tray

PRO-FEED TROLLEY 350 L



- 2 lateral ribs molded in the tank to receive one or two optional divider.

■Material : polyethylene ■Color : Grey

| Capacity | Length m | Width m | Height m | Code Unit | U € Ex. VAT | Packing Dealer |
|----------|----------|---------|----------|------------|-------------|----------------|
| 350 | 1,56 | 0,77 | 0,90 | P113 23 43 | | |

DIVIDER FOR PRO-FEED TROLLEYS



Allows to divide the trolley into different compartments (max 3 parts). It slides into the tank lateral ribs. Resin-coated waterproof plywood.

■Material : resin-coated plywood

| Width m | Height m | Thickness mm | Code Unit | U € Ex. VAT | Packing Distributor |
|---------|----------|--------------|------------|-------------|---------------------|
| 0,64 | 0,57 | 12 | P121 45 61 | | |

MULTI-PURPOSE TRAY



+PRODUCT **Ideal to store and easily access supplements and medication.**
 Fits on the PRO-FEED trolley's handle. Can also be fitted on a door or field gate.

■Material : polyethylene
 ■Color : Grey

| Capacity l | Length m | Width m | Height m | Code Unit | U € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-------------|----------------|
| 25 | 0,75 | 0,35 | 0,20 | P113 23 49 | | |

• FEED TROLLEY

+PRODUCT **Good value for money.**
Patented roll rim.



The 155 or 345 liter feed trolleys are perfectly suitable for transporting food. They are fitted with:

- a container with a rounded base for easier feed removal with shove lor grain scoop, this facilitates cleaning.
- a container with Ø 40 mm flexible drain plug for cleaning without turning upside down.
- grips are moulded flush, no sharp protrusions.
- 2 front pivoting castor wheels Ø 200 mm in addition to the 2 front wheels Ø 400x8 mm to ensure good stability.

Patented roll rim finish :

- improves container solidity and reinforces it.
- guarantees perfect hygiene through absence of an interior rim. Everything is accessible for cleaning.

FEED TROLLEY 155 L

+PRODUCT **Ideal for door entry.**



■Material : polyethylene

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 155 | 0.95 | 0.57 | 0.85 | P113 23 07 | | |

PLUG FOR FEED TROLLEY

Compatible with PRO FEED trolleys 230 and 350 L and trolleys 155 and 345 L.

| Colour | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|--------|-------------|------------|-----------|----------------|
| black | 40 | P113 15 16 | | |



FEED TROLLEY 345 L

+PRODUCT **1 brake operates on one front wheel**



■Material : polyethylene

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 345 | 1.25 | 0,77 | 0,87 | P113 23 09 | | |





• FODDER WHEELBARROWS

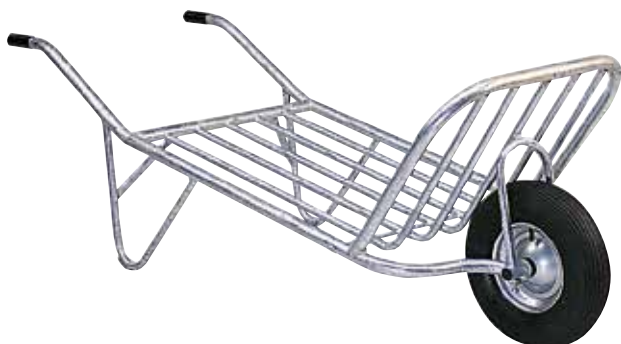


Lightweight, easy to handle, and balanced.

Metal fodder barrows serve mainly to transport fodder and feed. They are made out of metal tubes, mechanically welded and hot galvanised after manufacture. They are fitted with:

- 400 x 8 - 4 ply inflatable wheels
- 2 anti-wear pads welded on the feet

ONE-WHEEL METTALIC FODDER WHEELBARROW



Robust and multi-purpose.

Easy to handle thanks to its single front wheel, it is suitable for small carrying tasks.

Bed dimensions: 900 x 700 mm.

- Frame : mechanically welded
- Material : galvanised steel
- Load capacity : 200 kg

| Type | Length mm | Width mm | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-----------|----------|------------|-----------|----------------|
| standard | 1800 | 700 | P113 25 05 | | |

TWO-WHEEL METTALIC FODDER WHEELBARROW



Stable. Balanced and reinforced.

Suitable for carrying moderately bulky loads. The four fixed, slightly inclined side panels securely maintain the load during transport. The two wheels confer great stability and handling comfort. Bed dimensions: 1000x 850 mm.

- Frame : mechanically welded
- Material : galvanised steel
- Load capacity : 300 kg

| Type | Length mm | Width mm | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-----------|----------|------------|-----------|----------------|
| standard | 2050 | 850 | P113 25 01 | | |

TWO-WHEEL METTALIC FODDER WHEELBARROW WITH FOLDAWAY SIDES



Good load distribution. Adjustable width.

Suitable for bulky loads. Its design guarantees durability. Adjustable load width thanks to its two drop sides. Removable side panels H: 25 cm. The axle centred under the load ensures good load distribution, high stability, and handling comfort. Bed dimensions with side panels deployed: 1.35 x 1.45 m. Bed dimensions with side panels in place: 1.35 x 0.80 m. Delivered with a front retainer.

- Clear width : 1.45 m
- Load capacity : 400 kg
- Frame : mechanically welded
- Material : galvanised steel

| Type | Length mm | Width | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-----------|-----------------------|------------|-----------|----------------|
| drop side | 1900 | 800 mm Sides deployed | P113 25 03 | | |

4-WHEELED PLATFORM TROLLEY

PRODUCT **Large capacity.**
Load of up to 800 kg.

This trolley has a metal frame hot galvanised after manufacture. Its platform is plywood covered with anti-slip weather-resistant resin. Thanks to its four 400x8 wheels - 4 ply inflatable on greased bearings with 80 mm tread on metal rims. It easily operates over all types of surfaces and handles loads up to 800 kg. Delivered with a large handle for easy handling.

Delivered without grate.

Options: grate, tow bar for mini tractor, rear coupling flange, and tow bar to link two trolleys.

| Code Unit | € Ex. VAT | Packing Dealer | ■ Length : 2.38 m | ■ Loading height : 0.49 m |
|------------|-----------|----------------|-------------------|---------------------------|
| P113 25 07 | | | ■ Width : 0.95 m | ■ Handle length : 0.75 m |



COUPLING BALL TOW BAR FOR 4-WHEEL FEED TROLLEY

This boom, to replace the handle, fixed at the front of the 4-wheel platform trolley is fitted with a tongue allowing it to be pulled by a quad or a minitractor fitted with a Ø 50 mm coupling ball.

■ Material : Galvanised steel

| Square mm | Length mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-----------|------------|-----------|----------------|
| 50 x 2 | 737 | P121 23 04 | | |



RING TOW BAR FOR 4-WHEEL FEED TROLLEY

This drawbar fastened on the front of the 4-wheel platform trolley replaces the handle. Its hole Ø 25 mm allow you to couple this trolley to a mini-tractor or quad to connect two feed trolleys together.

■ Material : Galvanised steel

| Square mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|------------|-----------|----------------|
| 40 x 2 | P121 23 03 | | |



FODDER AND STRAW LOAD RETAINER GRILL

This retainer grate maintains fodder or straw loads in place during transport. Compatible with the 4-wheel feed trolley and the fodder wheelbarrow with foldaway sides.

■ Material : Galvanised steel

| Use | Code Unit | € Ex. VAT | Packing Dealer |
|------------------------------|------------|-----------|----------------|
| Hay and straw transportation | P121 23 01 | | |



PLATFORM TROLLEY REAR COUPLING FLANGE

Fixed at the rear of the trolley, this bracket allows you to connect 2 trolleys together by using a drawbar.

■ Material : Galvanised steel
■ Diameter : 14mm

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P121 23 05 | | |



QUAD/ATV 450 L TRAILER

PRODUCT **Reinforced tipping skip**
Large capacity

Vat in polyethylene with a front locking system and reinforced skip. Not approved for road use.

Fitted with:

- 2 wheels 20 x 7-84 PR with metal rims
- Square draw bar 50 mm, reversible for double use, one side flat hitch, other for optional ball socket hitch head

Trailer for Quad or micro tractor.

Optional : B all socket hitch

- Capacity : 450 l
- Body : polyethylen
- Chassis : Galvanised mechanically welded
- Capacity load : 400 kg

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 2.10 | 1.17 | 0.95 | P113 23 26 | | |

HITCH HEAD FOR QUAD/ATV TRAILER

Coupling ball hitch head for 50 mm square axle. Use on "Quad" 450 litre trailers or 400 litre wheeled tanks, it is necessary to drill the boom and bolt on the head.

Compatible with "QUAD" 450 l trailers and 400 l wheeled tanks



| Fastening | Shape | Axle mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-------|-----------|------------|-----------|----------------|
| Bolts | ball | square 50 | P113 23 29 | | |

INFLATABLE TYRE FOR QUAD/ATV TRAILER

Spare wheel for 450 l QUAD trailer and 400 l wheeled tank for quads. An arrow on the rubber indicates the direction of rotation of the wheel.



- Diameter : 48 cm
- Rim : metal
- Inner tube : yes
- Model : 20x7, 00-8 4 PR
- Axle : Ø 25 mm
- Pressure : 1.5 Bar(s)
- Load capacity : 99 kg

| Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Right wheel | P113 23 31 | | |
| Left wheel | P113 23 32 | | |

• SPARE WHEELS

INFLATABLE WHEEL WITH PLASTIC RIM

Spare wheel for feed trolleys, stable barrows, 4-wheel platform trolleys, and fodder wheelbarrows.

- Diameter : 40 cm
- Rim : plastic
- Model : 400 x 8
- Axle : Ø 25 mm
- Pressure : 2.5 Bar(s)
- Load capacity : 140 kg



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P121 73 11 | | |

SOLID WHEEL WITH PLASTIC RIM

Spare wheel for feed trolley, stable barrows (350L, 450L and 650 L), 4-wheel trolley and fodder wheel barrows.

- Diameter : 40 cm
- Rim : plastic
- Model : 400 x 8
- Axle : Ø 25 mm
- Load capacity : 75 kg



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P121 73 06 | | |



ATV mobile water tank → page 80

INFLATABLE WHEEL WITH METAL RIM

Spare wheel for feed trolleys, stable barrows (except 200 l), 4-wheel platform trolleys, and fodder wheel barrows.

- Diameter : 40 cm
- Rims : metal
- Axle : Ø 25 mm
- Pressure : 2.5 Bar(s)
- Load capacity : 200 kg
- Model : 400 x 8 - 4 ply



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P121 73 05 | | |

INNER TUBE

Inner tube for inflatable wheels. With 400 x 8 straight valve. Only compatible with metal rim (P1217305) or plastic rim (P1217311).



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P121 73 04 | | |

• FALLEN STOCK BIN

+PRODUCT  **High impact resistance. Rotomolded vat.**

Designed to be placed on a concrete slab at the entrance to the property to ensure stability and collect fluids. They reduce the risks of microbial contamination by eliminating the need for the fallen stock collection services to enter the property.

Fitted with:

- 1 UV stable, non-freeze, rot-resistant polyethylene resin bin.
- Detergent-resistant and can be high pressure cleaned.
- 1 galvanised steel frame.



600 L FALLEN STOCK BIN

+PRODUCT  **New tipping system. SECAMIN referenced.**

Can be handled by SKIPPER or LIFTER systems, approved by most major French fallen stock collection services.

Fitted with:

- 1 lifting beam for bins;
- 1 locking/tipping pivot for LIFTER system;
- 2 bushings Ø 30 mm for hoisting the bin via a SKIPPER system;
- 4 wheels Ø 200 mm, including 2 pivoting wheels and 1 wheel brake;
- 2 flexible lid retainer straps. Tipping can be triggered from the ground ensuring complete emptying.

■ Bin : polyethylene ■ Chassis : galvanised steel



| Capacity l | Length excluding lifting beam m | Length including lifting beam m | Width m | Height excluding lifting beam m | Height including lifting beam m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|---------------------------------|---------------------------------|---------|---------------------------------|---------------------------------|------------|-----------|----------------|
| 600 | 1.16 | 1.30 | 1.01 | 1.13 | 1.60 | P113 11 00 | | |

250 L FALLEN STOCK BIN

The 250 l fallen stock bin is designed for intensive farming of small animals, such as chickens and rabbits. Beam designed with a central lifting ring.

Fitted with:

- 2 fixed front wheels Ø 250 mm
- 1 rear wheel Ø 140 mm with brake.

■ Bin : polyethylene ■ Chassis : galvanised steel

| Capacity l | Length excluding lifting beam m | Length including lifting beam m | Width m | Height excluding lifting beam m | Height including lifting beam m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|---------------------------------|---------------------------------|---------|---------------------------------|---------------------------------|------------|-----------|----------------|
| 250 | 1.21 | 1.39 | 0.72 | 0.78 | 1.15 | P113 11 03 | | |



800 L FALLEN STOCK BIN

The 800 l fallen stock bin is fitted with a beam designed with a central lifting ring and two sleeves for forks.

Fitted with:

- 4 wheels Ø 200 mm, including 2 pivoting wheels and 1 wheel brake.

■ Bin : polyethylene ■ Chassis : galvanised steel

| Capacity l | Length excluding lifting beam m | Length including lifting beam m | Width m | Height excluding lifting beam m | Height including lifting beam m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|---------------------------------|---------------------------------|---------|---------------------------------|---------------------------------|------------|-----------|----------------|
| 800 | 1.67 | 1.80 | 1.15 | 1.13 | 1.58 | P113 11 07 | | |



3.45 M FALLEN STOCK DOME MAX. VOLUME

+PRODUCT  **Reinforced metal frame. Easy to handle.**

The fallen stock dome's shape protects and covers medium and large carcasses. Rounded rotomolded resin base fitted with a reinforced beam equipped with a lifting ring. Easy to move with a hook or grapple.

■ Bin : polyethylene ■ Chassis : galvanised steel

| Vol. | Length m | Width m | Height excluding lifting beam m | Height including lifting beam m | Code Unit | € Ex. VAT | Packing Dealer |
|---------|----------|---------|---------------------------------|---------------------------------|------------|-----------|----------------|
| maximum | 3.45 | 1.50 | 1.15 | 1.60 | P113 11 21 | | |



• SUPERBAC ROUND OR OVAL PASTURE TROUGH


+PRODUCT  **La Gée, the leader in pasture troughs in Europe. La Gée 5+3 guarantees against any manufacturing fault.**

Manufactured in polyethylene resin, rot-proof, UV stable. Resist frost, detergents and disinfectants. Can be high pressure washed. They have a Ø 32 mm drain plug, reserved space for the constant level option, reinforced smooth base facilitates cleaning. It is recommended to place the water inlet against a wall or fence in order to protect it.

The round troughs with interior rim and strip rim and oval troughs with interior rim and strip rim are compatible with the La Gée 32 litre/minute float valve tap option, 1/2 male connector fitted with a water stop system. Our pasture troughs meet the needs of animals, namely providing large volumes of water for collective watering in the field.

SUPERBAC OVAL PASTURE TROUGH WITH INTERIOR RIM



+PRODUCT  **Removable float valve cover. Designed to be transported in most commercial vehicles.**

Designed with an interior rim that ensures great rigidity. Intended to receive the optional 32 litre/minute float valve, with 1/2 male connector fitted with a water stop system. It fits in the space reserved for it. Removable float valve cover for easy float valve tap installation without tools at any time. Our pasture troughs meet the needs of animals, namely providing large volumes of water for collective watering in the field. Delivered with float valve cover, float valve tap not included. Option : Network pressure float valve tap.

- Color : grey
- Material : polyethylene
- Shape : oval
- Rim : interior

| Capacity l | Height m | Length m | Width m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|----------|---------|------------|-----------|----------------|
| 450 | 0.55 | 1.35 | 1.05 | P113 31 20 | | |
| 650 | 0.63 | 1.45 | 1.13 | P113 31 21 | | |
| 1,000 | 0.63 | 2.05 | 1.37 | P113 31 35 | | |
| 1,500 | 0.63 | 2.40 | 1.70 | P113 31 37 | | |



Round and oval Superbacs strength test



WARRANTY **5+3** YEARS

Reinforced bottom for round and oval superbacs water troughs

SUPERBAC ROUND PASTURE TROUGH WITH INTERIOR RIM




+PRODUCT  **Removable float valve cover.**

Designed with an interior rim that ensures great rigidity. Intended to receive the optional 32 litre/minute float valve, with 1/2 male connector fitted with a water stop system. It fits in the space reserved for it. Removable float valve cover for easy float valve tap installation without tools at any time. Option : Network pressure float valve tap.

- Color : grey
- Material : polyethylene
- Shape : round
- Rim : interior

| Capacity l | Diameter m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|------------|----------|------------|-----------|----------------|
| 500 | 1.24 | 0.62 | P113 31 01 | | |
| 1,000 | 1.69 | 0.62 | P113 31 03 | | |

SUPERBAC ROUND PASTURE TROUGH WITH STRIP RIM

+PRODUCT  **Cleaning without dirt retention.**

These round troughs have a patented strip rim which increases trough solidity all around its edge. This rim guarantees perfect hygiene through the absence of a curved rim, since all parts are easily accessible for cleaning. Intended to receive the optional 32 litre/minute float valve, with 1/2 male connector fitted with a water stop system. Delivered with its stainless steel cover P1138303.



- Color : grey
- Material : polyethylene
- Shape : round
- Rim : strip

| Capacity l | Height m | Diameter m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|------------|------------|-----------|----------------|
| 500 | 0.64 | 1.20 | P113 31 23 | | |
| 800 | 0.64 | 1.48 | P113 31 25 | | |
| 1,000 | 0.64 | 1.62 | P113 31 27 | | |

• LA GÉE PASTURE TROUGH



Good value for money.

Manufactured from polyethylene resin, rot-proof, UV stable. It resists detergents and / disinfectants and can be high pressure cleaned. Ø 32/42 mm drain plug. Reinforced and smooth base facilitates cleaning.

LA GÉE PASTURE TROUGH



- Color : green
- Shape : round
- Material : polyethylene
- Rim : exterior

| Capacity l | Height m | Diameter m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|------------|------------|-----------|----------------|
| 450 | 0.56 | 1.20 | P113 31 15 | | |
| 750 | 0.58 | 1.46 | P113 31 17 | | |
| 1,000 | 0.58 | 1.68 | P113 31 19 | | |
| 1,400 | 0.58 | 2.01 | P113 31 10 | | |

STAINLESS STEEL HOUSING WITH FLOAT VALVE

Ideal for troughs not fitted with a housing to hold a float valve.



Housing fitted with : 32L/min float valve or low pressure and 2 fastening supports (9cm high supports for the offset model). Left or right supply possible. Individually boxed.

- Material : stainless steel
- Connection diameter : 1/2" (15/21 mm) - male

| Fastening | Flow rate L/min | Colours | Code Unit | € Ex. VAT | Packing Dealer |
|--------------|-------------------------|---------|------------|-----------|----------------|
| 1 offset | 32 | White | P113 83 05 | | |
| | Lower pressure Below 15 | Black | P113 83 44 | | |
| 2 non-offset | 32 | White | P113 83 07 | | |

PLUG WITH SEAL FOR THROUGH WALL (33/42 MM)

| Ø mm | Type | Quantity | Code The bag | € Ex. VAT | Packing Dealer |
|-------|-------|--------------------|--------------|-----------|----------------|
| 33/42 | 1"1/4 | 1 plug with seal | P113 09 20 | | |
| | 1"1/4 | 10 plugs with seal | P113 09 22 | | |

COMPLETE THROUGH-WALL (33/42 MM)

- Fitted with:
- 1 through-wall (33/42 mm) with 1 seal
 - 1 clamping nut
 - 1 plug with 1 seal

| Ø mm | Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-------|------------|-----------|----------------|
| 33/42 | 1"1/4 | P113 09 21 | | |



LA GÉE PASTURE TROUGH "SPECIAL SHEEP"



Low model, ideal for small animals, has height of 0.35 m. Allows simultaneous watering of several sheep or goats

- Material : polyethylene
- Colour : green
- Shape : round
- Rim : exterior

| Capacity l | Height m | Diameter m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|------------|------------|-----------|----------------|
| 400 | 0.35 | 1.25 | P113 31 13 | | |

NETWORK PRESSURE FLOAT VALVE TAP



Possible to adjust height and flow rate via adjuster screw on adjustable models.

| Colours | Flow rate L/min | Adjustable | Réf. Unit | U € HT | Colisage Distributeur |
|---------|-----------------|------------|------------|--------|-----------------------|
| White | 32 | no | P113 83 10 | | |

FLOAT VALVE TAP COVER FOR SUPERBAC INTERIOR RIM

Easy to open and close.
- Installation possible at any time.
- Easy assembly without tools.
Compatible with Superbac Round and Oval pasture troughs with NEW generation interior rim from 2020.



| Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| 150 | P113 09 36 | | |

FLOAT VALVE TAP WITH PROTECTIVE PLATE FOR SUPERBAC STRIP RIM

Compatible with PREVIOUS generation (before 2020) Round and Oval Superbac pasture troughs with interior rim.



| Flow rate L/min | Adjustable | Colours | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|------------|---------|------------|-----------|----------------|
| 32 | No | White | P113 83 01 | | |

FLOAT VALVE TAP WITH PROTECTIVE PLATE FOR ROUND SUPERBAC WITH STRIP RIM

Compatible with round Superbac pasture troughs with strip rim.



| Flow rate L/min | Adjustable | Colours | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------|------------|---------|------------|-----------|----------------|
| 32 | No | White | P113 83 03 | | |

• POLYPUMP FIELD PUMP DRINKER



Silent and flexible.

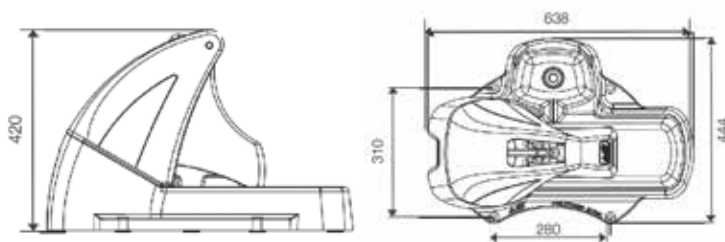
Suited to the morphology of animals, it is very appreciated in distant pastures. Positioned near a water point, it can extract ground water from a depth of 7 m or 70 m on the flat. Each push extracts an average 0.5 l of fresh water.

Its features :

- 1 single rotomoulded, double-walled trough with a slight slope to keep water in reserve to attract the animals.
- 1 drain plug Ø 25 mm,
- Mechanism, pump, and protective casing in cast aluminium.
- The membranes and valves in injection-moulded polymer ensure silent operation and a long service life.
- 1 Connection at the rear of the pump either a ribbed outlet or a Ø 25 mm male threaded outlet.
- 4 anchoring points to secure it on a small concretes lab or a piece of wood.

In order to protect it from muddy ground, it is recommended to raise it by 20-30 cm.

Available in 2 models : Polypump or Polypump bowl.



1 POLYPUMP FIELD PUMP DRINKER

The Polypump is also appreciated by herds of cows or horses that are supplied with fresh water on demand to meet their needs.

Options: Strainer, Suction kit.

- System : push-type
- Pusher : pump
- Length : 638 mm
- Width : 310 mm
- Height : 420 mm
- Fastening : ground
- Installation : Group
- Device : non-heating
- Use : adult animals

| | | |
|------------|-----------|----------------|
| Code Unit | € Ex. VAT | Packing Dealer |
| P113 05 91 | | |

Boxed.

2 POLYPUMP BOWL FIELD PUMP DRINKER WITH BOWL



Features twin compartments, ideal for mothers and babies.

Its trough has a small bowl on one side suited to the muzzle of young calves. With each push of the pump, the trough fills with water and the small bowl is filled via a communicating channel.

The Polypump highly is appreciated by herds of cows, horses, or mares with foals.

Options: Strainer, Suction kit.

- System : push-type
- Pusher : pump
- Length : 638 mm
- Width : 444 mm
- Height : 420 mm
- Fastening : ground
- Installation : group
- Device : non-heating
- Use : young and adult animals

| | | |
|------------|-----------|----------------|
| Code Unit | € Ex. VAT | Packing Dealer |
| P113 05 93 | | |

Boxed.

Recommendations !

| Animal type | Animal quantity per trough | Installation height |
|--------------|----------------------------|---------------------|
| Dairy Cow | 15 | 0,20 |
| Suckling Cow | 15 | 0,20 |
| Horse | 15 | 0,20 |

SUCTION KIT FOR POLYPUMP

Complete suction kit comprises:
- a reinforced hose
- a strainer with non-return valve
Only compatible with POLYPUMP and POLYPUMP BOL field pumps.



| | | | | |
|--------------------|----------|--------------|-----------|----------------|
| Diameter inside mm | Length m | Code The kit | € Ex. VAT | Packing Dealer |
| 25 | 7 | P113 05 95 | | |

STRAINER FOR POLYPUMP

With non-return valve. Only compatible with POLYPUMP and POLYPUMP BOL field pumps.

■ Connection diameter : 1" (26/34 mm) - female

| | | |
|------------|-----------|----------------|
| Code Unit | € Ex. VAT | Packing Dealer |
| P113 05 94 | | |





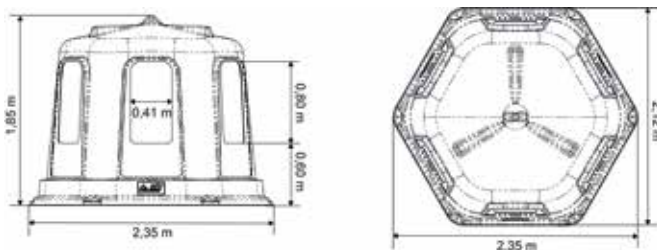
• RESIN HAY RACK

+PRODUCT **Good value for money.**
Light and easy to handle.

These hexagonally shaped hay racks are made out of robust polyethylene plastic that is UV stable and frost resistant. They are lightweight and easy to handle by hand or with machines. Six feeding ports with runnels to prevent streaming water from entering. For filling RPE with base, the bell is lifted while the base stays on the ground.

ADVICES FOR A CORRECT USE OF RPE GM AND PM HAYRACKS, WITH OR WITHOUT BASE:

- Hayrack to be installed on a stable and flat surface
- Move the hay rack regularly to avoid any floor sinking
- Do not leave the hay rack empty
- Do not use the base alone without the hay rack to avoid any damage caused by animal's hoof
- It is recommended in certain cases to secure the hay racks to the ground with anchoring stakes (P1213749) especially in case of areas subject to strong winds. Ideal for use with horses or hornless cattle.



Upper part fitted with Ø 40 mm lifting ring.



Base with water runnels.



Has six holes to fasten the hay rack to the ground with pitons.



Feeding ports are reinforced by an injury-proof polyethylene rim.



RPE GM RESIN HAY RACK

For round bales:
Ø 1.80 up to 1.30 m high
Ø 1.50 up to 1.60 m high.
Option : Set of an choring pitons.

■Material : polyethylene

■Shape : hexagonal

| Base | Bale | Code Unit | € Ex. VAT | Packing Dealer |
|---------|---|------------|-----------|----------------|
| with | Ø 1.70 m (h.1.35 m) / Ø 1.60 m (h.1.50 m) | P113 43 13 | | |
| without | Ø 1.80 m (h. 1.30 m) / Ø 1.50 m (h. 1.60 m) | P113 43 11 | | |

SET OF 4 ANCHORING PINS

The set of 4 anchoring pins allows firmly fixing to the ground and avoids being moved by animals.

■Material : Galvanised steel

| Diameter mm | Length mm | Code The set | € Ex. VAT | Packing Dealer |
|-------------|-----------|--------------|-----------|----------------|
| 14 | 500 | P121 37 49 | | |

Set of 4 pins



• ABOVE-GROUND STORAGE TANK 2024 VERTICAL FREESTANDING

+ PRODUIT  **Monoblocs. Imputrescibles et traitées anti-UV. Facilement nettoyaables. Faibles encombrement au sol.**

Range of vertical freestanding above-ground tanks designed for rainwater harvesting or liquid storage with a maximum density of 1.2.

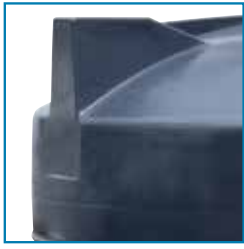
These tanks are rotomoulded in high-density polyethylene, and are also UV-treated and frost-resistant. They are rot-proof and resistant to disinfectants and detergents.

Their opaque colour limits the impact of UV rays on the temperature of stored liquids, preventing the formation of algae. They are made in one piece and have a ventilation system at the top inserted into the lid. They are fitted with a ¼-turn drain valve, the diameter of which varies according to the model, and with a provision for an optional second valve (unopened). They can be fitted with a range of options, such as a gutter water intake filter and a ladder for 13000 and 15000 litre models over 3 m high.

USE:
- Above-ground rainwater collector,
- Buffer storage for liquids.

INTENDED USE:
- Arboriculture
- Local authorities
- Livestock
- Industry
- Arable crops
- Market gardening
- Winegrowing, etc..

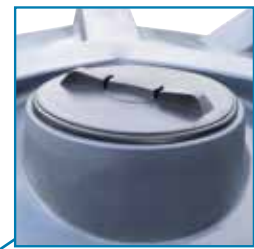




Cuve équipée de 2 à 3 bossages en partie supérieure, selon les modèles, permettant le passage des arrivées d'eau de remplissage par gouttière, la sortie de trop plein ou la fixation du filtre de cuve La Gée. Arrivée et départ à créer par perçage à la scie cloche de diamètre adapté, soit en façade ou sur le côté des bossages.



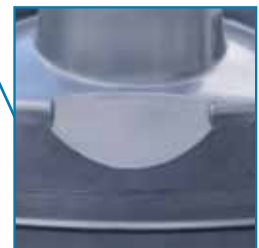
Tank top with 3 rotational-moulded reinforcements fitted at each end with a \varnothing 60 mm lifting ring that is rotationalmoulded as part of the tank. (For moving empty tanks).



Wide manhole cover with a diameter of 455 mm for tanks with diameters of 1.60 and 1.95 m and 611 mm for tanks with a diameter of 2.39 m, allowing easy access for cleaning and maintenance. Gasketed cover with central or remote vent.



Tank designed with 2 or 3 flat surfaces, depending on the model, distributed around the periphery. Places reserved for accessories, valves, grommets, etc.



Tank top designed as standard with a 400 mm wide flat spot at the lid protrusion. A flat surface allows the positioning of a removable ladder for tanks under 3 m in height, and the positioning of the stepladder option for 13000 and 15000 litre tanks above 3 m.



Easy to move thanks to a dual inlet at the bottom of the tank to accommodate the forks of a pallet carrier..



Tank fitted with 2", 2 1/2" or 3" female/female valves, depending on the model. Valve screwed into a moulded stainless steel insert.



Tank graduated every 1000 L.

LA GÉE + ADVANTAGES

The original equipment and options available on our tanks make it easy to fit different accessories, such as a water return hose, motor pump kit, booster feed, etc.



All our tanks are fitted as standard with a non-through stainless steel insert on one of their flat surfaces. This can be drilled using a hole saw, so that a second optional 1 1/2" (40/49 mm) 1/4-turn valve can be screwed in. This insert is located above sedimentation height.



WATER AND FEED DISTRIBUTION AND STORAGE



VERTICAL ABOVE-GROUND STORAGE TANK Ø 1.60 M

Small-capacity tanks, easy to use in small spaces with their compact 1.60 m diameter.

Factory-fitted equipment:

- Gasketed cover and central vent
- Choice of 2" (50/60 mm) or 2 1/2" (66/76 mm) valve.

Options: Gutter water filter, second 1 1/2" (40/49 mm) drain valve, mains pressure float fill valve

- Tank Ø: 1,60 m
- Manhole Ø: 500 mm
- Lid Ø: 500 mm
- No. of connection bosses at the top: 2
- No. of flat connecting surfaces at the bottom: 2

| Capacity l | Height m | Valve | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|-------------------------------|------------|-----------|----------------|
| 2,000 | 1.23 | Ø 2" (50/60 mm) - Female | P116 03 01 | | |
| | | Ø 2 1/2 (66/76 mm) - Female | P116 03 05 | | |
| 3,000 | 1.74 | Ø 2" - (50/60 mm) - Female | P116 03 09 | | |
| | | Ø 2 1/2 - (66/76 mm) - Female | P116 03 13 | | |
| 4,000 | 2.29 | Ø 2" - (50/60 mm) - Female | P116 03 17 | | |
| | | Ø 2 1/2 - (66/76 mm) - Female | P116 03 21 | | |

VERTICAL ABOVE-GROUND STORAGE TANK Ø 1,95 M

Medium-capacity tanks with a base ø 1.95 m, giving them excellent stability and a low height of 1.24 to 2.30 m.

Factory-fitted equipment:

- Gasketed cover and central vent
- Choice of 2" (50/60 mm) or 2 1/2" (66/76 mm) valve.

Options: Gutter water filter, second 1 1/2" (40/49 mm) drain valve, mains pressure float fill valve.

- Tank Ø: 1,95 m
- Manhole Ø: 500 mm
- Lid Ø: 500 mm
- No. of connection bosses at the top: 3
- No. of flat connecting surfaces at the bottom: 3

| Capacity l | Height m | Valve | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|-----------------------------|------------|-----------|----------------|
| 3,000 | 1.24 | Ø 2 1/2 (66/76 mm) - Female | P116 04 01 | | |
| | | Ø 2" (50/60 mm) - Female | P116 04 05 | | |
| 5,000 | 1.95 | Ø 2" (50/60 mm) - Female | P116 04 09 | | |
| | | Ø 2 1/2 (66/76 mm) - Female | P116 04 13 | | |
| 6,000 | 2.30 | Ø 2" (50/60 mm) - Female | P116 04 17 | | |
| | | Ø 2 1/2 (66/76 mm) - Female | P116 04 21 | | |

VERTICAL ABOVE-GROUND STORAGE TANK Ø 2.39 M

Professional tanks with a large diameter of 2.39 m, combining stability, sturdiness and a large storage capacity of up to 15,000 litres.

Factory-fitted equipment:

- Gasketed cover and remote vent
- Choice of 2" (50/60 mm) or 2 1/2" (66/76 mm) valves for 5000 l and 8000 l models and 3" (80/90 mm) valves for 10,000 l to 15,000 l models.

Options: Gutter water filter, second 1 1/2" (40/49 mm) drain valve, mains pressure float fill valve, Crinoline ladder.

- Tank Ø: 2,39 m
- Manhole Ø: 500 mm
- Lid Ø: 500 mm
- No. of connection bosses at the top: 3
- No. of flat connecting surfaces at the bottom: 4

| Capacity l | Height m | Valve | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|-----------------------------|------------|-----------|----------------|
| 5,000 | 1.43 | Ø 2" (50/60 mm) - Female | P116 05 01 | | |
| | | Ø 2 1/2 (66/76 mm) - Female | P116 05 05 | | |
| 8,000 | 2.14 | Ø 2" (50/60 mm) - Female | P116 05 09 | | |
| | | Ø 2 1/2 (66/76 mm) - Female | P116 05 13 | | |
| 10,000 | 2.61 | Ø 2 1/2 (66/76 mm) - Female | P116 05 17 | | |
| | | Ø 3" (80/90 mm) - Female | P116 05 21 | | |
| 13,000 | 3.31 | Ø 2 1/2 (66/76 mm) - Female | P116 05 25 | | |
| | | Ø 3" (80/90 mm) - Female | P116 05 29 | | |
| 15,000 | 3.73 | Ø 2 1/2 (66/76 mm) - Female | P116 05 33 | | |
| | | Ø 3" (80/90 mm) - Female | P116 05 37 | | |

PRECAUTIONS FOR USE:

- Cannot contain hydrocarbons, hazardous materials, liquids with a temperature above 40 °C or with a density above 1.2,
- Cannot be used to hold drinking water for human consumption,
- Cannot be pressurised,
- Cannot be buried,
- Move or handle the tank only when empty,
- Drain the tank completely or protect the valve if there is a risk of freezing.

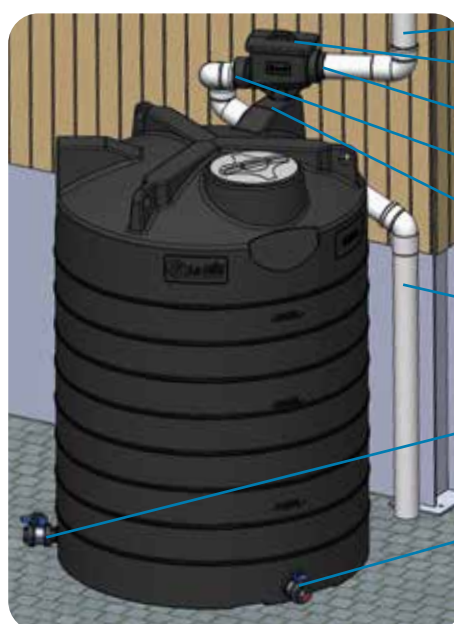
INSTALLATION ADVICE:

- Store in a permanent position,
- Create a fixed flat slab, approximately 30 cm larger than the diameter of the tank, with sufficient mechanical strength, designed by professionals in accordance with best practices,
- Rest the tank on its entire base,
- Install in a position preferably with the least amount of sun exposure
- The tanks can be connected to each other via the valves in the lower section using a flexible hose.

Installing a tank at the end of a building gutter

For tank installation at the end of a building's gutter, we recommend the following type of installation:

- Place the tank on the entire base and on a fixed, flat slab in accordance with the installation instructions,
- Position the empty tank close to the building and near a downspout,
- Place the "La Gée MAXI Filter" on the downspout on one of the tank bosses depending on the orientation of the tank,
- Connect the downspout directly to the "MAXI Filter" inlet using a pipe and elbow of appropriate diameter,
- Connect a second pipe directly to the water filter outlet to drain any excess water into the rainwater drainage system.



Building downspout

"La Gée MAXI Filter" for gutter water, fitted on one of the tank's bosses, depending on its orientation in relation to the building

Filter inlet (diameter selected by the user)

Filter outlet (diameter selected by the user)

Flat surface for fitting the "La Gée MAXI Filter" on the tank

Overflow water drainage from the tank into the rainwater drainage system.

Factory-fitted large-diameter valve for water return. High flow rate suitable for feeding large containers such as treatment tanks or other.

All our tanks are fitted as standard with one of their surfaces flat, a stainless steel insert, so that a second optional 1 1/2" (40/49 mm) 1/4-turn valve can be screwed in. This insert is located above sedimentation height and allows various types of accessory to be fitted, such as a water return pipe, motor pump kit, booster feed, etc.

"LA GÉE MAXI FILTER" FOR GUTTER WATER COLLECTION FOR WATER STORAGE TANK

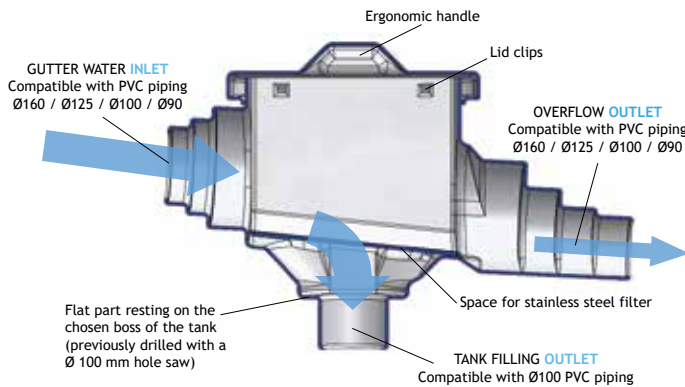
Made from rotomoulded PE resin, the MAXI filter is rot-proof and UV-resistant.. This multi-purpose MAXI filter is fitted directly on one of the bosses on top of the tank, using the flat part on its bottom. It is designed to be connected directly via its inlet 1 to the building's downspout, with a choice of several diameters (to be cut by the installer).

This MAXI filter will then allow residues to collect in its reservoir to avoid polluting the water stored in the tanks. It has 2 outlets, the first is vertical 2 or directing stored fluids to the tank and the second 3 for return to the network via an overflow when the tank(s) is (are) full.



The multi-purpose MAXI filter is equipped with:

- a reservoir containing a stainless steel filtration grid,
- 2 factory-fitted stainless steel filtration grids, 1 grid with 0.8 mm mesh for fine sieving and 1 grid with 5 mm mesh for coarser sieving, depending on the user's needs. This grid is positioned at the bottom of the reservoir,
- a secure lid that clips onto the top of the tank, providing easy access to the filter grid for cleaning.



INSTALLATION ADVICE:

- Position the MAXI filter on the selected boss on the top of the tank depending on its orientation in relation to the building. Hole saw drilling \varnothing 100 mm.
- Connect the filter to its inlet by diverting the gutter. To do this, cut the filter at the \varnothing relevant to the installation.
- Connect the filter to its outlet by connecting it to the mains. To do this, cut the filter at the \varnothing relevant to the installation.
- Seal all joints with PVC adhesive, adding silicone gaskets for watertightness.
- Check the connections, alignment and levels, and the stability of the assembly before putting it in the water.

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P116 08 01 | | |

SECOND OPTIONAL 1" 1/2 - 40/49 MM WITH STRAIGHT SPIGOT



1/4 turn female/female valve supplied with a male/male screw-in union. It is positioned in the second non-through stainless steel insert located on one of the 3 flat sides at the bottom of the tank. The bottom of the insert is filled with polyethylene, to be drilled with a hole saw by the user to fit the straight spigot.

| Material | Thread | Ø mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------------|-------|-------|--------------------|------------|-----------|----------------|
| resin | female/female | 40/49 | 1"1/2 | with union fitting | P116 09 09 | | |

GALVANISED CRINOLINE LADDER

NF E85-016 standard ladder.

It has:

- 2 hoops, 800 mm in diameter, to secure access to the top of the tank,
- 2.28 m high, removable, folding ladder at the bottom,
- 1 reinforced central foot, 60.3 mm in diameter, fixed to the ground on a base plate,
- Fasten the assembly to the top of the tank using the cover screws. Installed directly on vertical above-ground storage tanks \varnothing 2.39 m with a capacity of 13,000 and 15,000 litres over 3 m.


■Material: galvanised steel

| Ø cm | Overall height m | Width m | Code Unit | € Ex. VAT | Packing Dealer |
|------|------------------|---------|------------|-----------|----------------|
| 100 | 3.225 | 0.80 | P116 08 11 | | |

Float valve options → page 83



RECTANGULAR MONOBLOCK TANK D 1

+PRODUCT  **Excellent value for money.
Ideal for a fixed water storage.**

The Density 1 rectangular monoblock tanks are manufactured in polyethylene resin, rot proof, UV stabilised and frost resistant, they resist detergents, disinfectants, and can be high pressure cleaned. They must rest on a flat surface evenly bearing the weight of the base.

Rectangular monoblock tanks, density 1, are designed:

- for reduced bulk,
- to be stackable when empty, with a recess for straps (strapping should not be excessive to avoid distortion),
- low centre of gravity guarantees stable transport,
- baffle plates in and above 3,000 l to limit liquid movement, one baffle plate in 3,000 l and two in 4,000 l and 5,000 l.,
- valve protection molded in a tank recess.

They are fitted with:

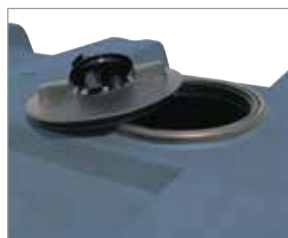
- a 1/4 turn outlet valve (diameter depending on the water tank size)
- threaded screw cover (diameter depending on the water tank size) with degassing plug to avoid vacuum.

Option: filling float valve.

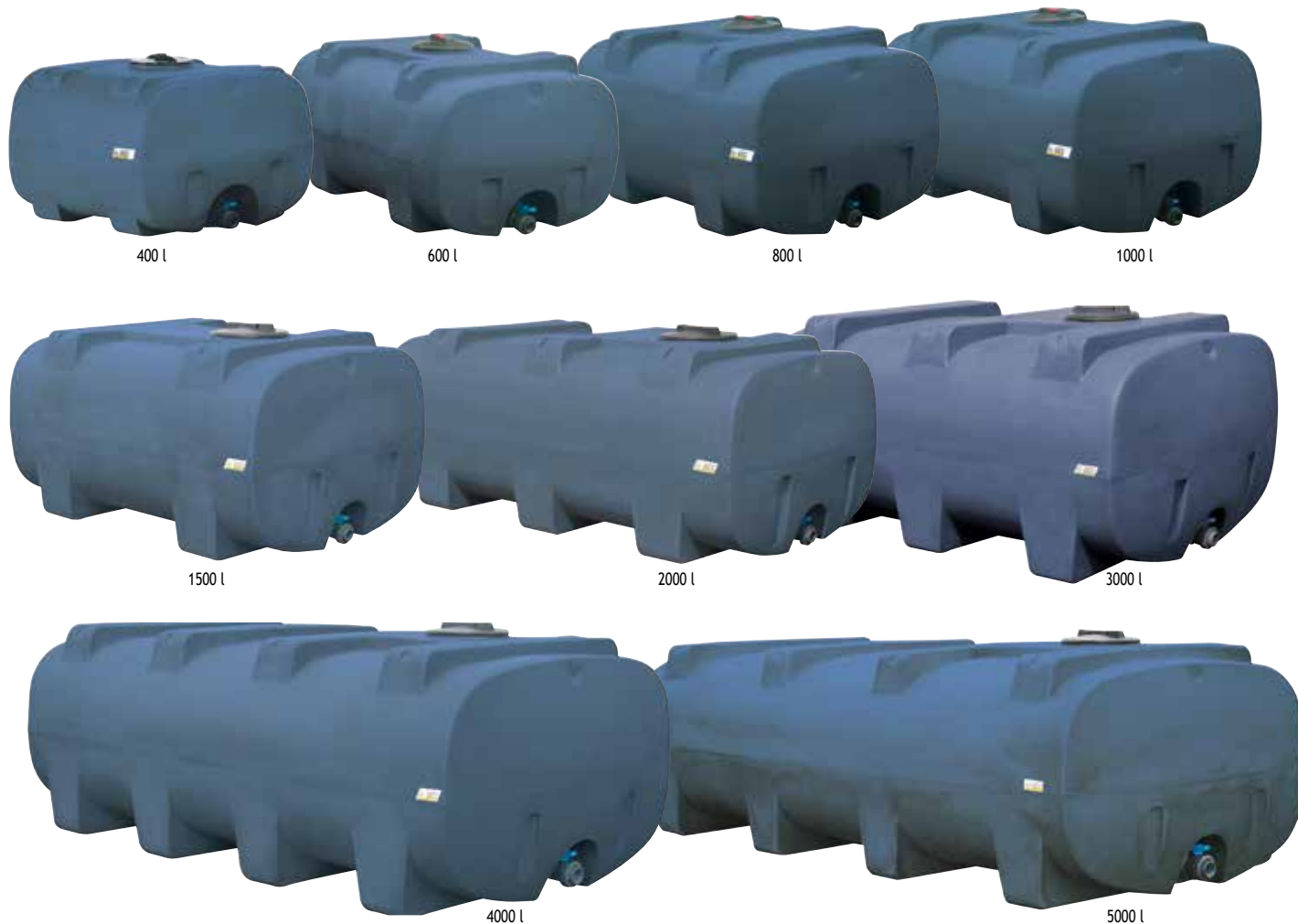
- Type : monoblock
- Material : polyethylene
- Shape : rectangular
- Density : 1



Through wall 50/60 with flange



| Capacity l | Valve | Length mm | Width m | Height m | Cover diameter mm | Number of feet | Code Unit | € Ex. VAT | Packing Dealer |
|------------|--|-----------|---------|----------|-------------------|----------------|------------|-----------|----------------|
| 400 | Ø 1"1/4 (33/42 mm) - female | 0.98 | 0.88 | 0.64 | 255 | 2 | P113 39 17 | | |
| 600 | Ø 1"1/4 (33/42 mm) - female | 1.41 | 0.88 | 0.64 | 255 | 2 | P113 39 15 | | |
| 800 | Ø 1"1/4 (33/42 mm) - female | 1.41 | 1.05 | 0.75 | 255 | 2 | P113 39 13 | | |
| 1000 | Ø 1"1/4 (33/42 mm) - female | 1.65 | 1.05 | 0.75 | 255 | 2 | P113 39 11 | | |
| 1500 | Ø 1"1/2 (40/49 mm) - female | 1.82 | 1.22 | 0.95 | 355 | 2 | P113 39 09 | | |
| 2000 | Ø 1"1/2 (40/49 mm) - female | 2.38 | 1.22 | 0.95 | 355 | 3 | P113 39 07 | | |
| 3000 | Ø 2" (50/60 mm) - female - with flange | 2.36 | 1.60 | 1.10 | 355 | 3 | P113 39 05 | | |
| 4000 | Ø 2" (50/60 mm) - female - with flange | 3.11 | 1.60 | 1.10 | 355 | 4 | P113 39 03 | | |
| 5000 | Ø 2" (50/60 mm) - female - with flange | 3.85 | 1.60 | 1.10 | 355 | 4 | P113 39 01 | | |



CYLINDRICAL MONOBLOCK TANK D 1.2

+PRODUCT **Robust. Integrated baffles. Stackable empty.**

Density 1.2 cylindrical monoblock tanks are manufactured in polyethylene resin which is rot proof, UV stabilised, and frost resistant. They resist detergents, disinfectants, and can be high pressure cleaned. Their shape limits the deforming of their walls by liquid pressure. They must rest on a flat surface evenly bearing the weight of the base. Tanks fitted with 2" valves 50/60 with flange. Options: a filling float valve, a 20/27 (3/4") female/female valve 20/27 (3/4") or a 20/27 (3/4") through wall designed to be fastened next to the main valve in the protected recess.

- Type : monoblock
- Shape : cylindrical
- Material : polyethylene
- Density : 1.2

| Capacity l | Valve | Length m | Width m | Height m | Number of feet | Code Unit | € Ex. VAT | Packing Dealer |
|------------|--|----------|---------|----------|----------------|------------|-----------|----------------|
| 1000 | Ø 2" (50/60 mm) - female - with flange | 1.79 | 1.07 | 1 | 2 | P113 40 00 | | |
| 1500 | Ø 2" (50/60 mm) - female - with flange | 1.79 | 1.24 | 1.17 | 2 | P113 40 01 | | |
| 2300 | Ø 2" (50/60 mm) - female - with flange | 2.30 | 1.33 | 1.27 | 3 | P113 40 02 | | |
| 3100 | Ø 2" (50/60 mm) - female - with flange | 2.40 | 1.48 | 1.42 | 3 | P113 40 04 | | |
| 5500 | Ø 2" (50/60 mm) - female - with flange | 3.16 | 1.62 | 1.73 | 4 | P113 40 06 | | |
| 6400 | Ø 2" (50/60 mm) - female - with flange | 3.71 | 1.62 | 1.73 | 4 | P113 40 08 | | |
| 8500 | Ø 2" (50/60 mm) - female - with flange | 4.71 | 1.64 | 1.75 | 4 | P113 40 10 | | |



Graduated markings and recess in the top allows a float valve to be installed at any time for automatic filling.



A wide Ø 600 mm rotomoulded cover with a Ø 120 mm vent plug in its centre, a Ø 500 mm manhole ensures easy access, easy cleaning and maintenance.



Fitted with a moulded holder on the valve end stores a secondary hose (practical for washing or filling small containers).



Baffles integrated in moulding, vary according to capacity, avoids liquid movement during transport. Number of baffles depends on the water tank's size.



Has lifting rings moulded into body at each end (when moving the tank empty).



Shape on upper part allows stacked storage in order to gain place in storage yard. Stackable empty.



2 retaining strap recesses moulded into the body,



WATER AND FEED DISTRIBUTION AND STORAGE





Approved for 25 km/h.



MOBILE TANK FOR TRACTOR

Ideal for transporting water, this tank is versatile and robust.

This mobile tank features:

- a monoblock tank D 1.2 in polythene resin (identical characteristics as cylindrical monoblock tank D1.2 in the catalogue). The tank has internal baffles that considerably improve road behaviour when not fully loaded and a 50/60 (2") female/male valve mounted on flange.
- a public road approved galvanised chassis. Homologated by DREAL as a type S.R.E.A. (Agricultural Semi-trailer Equipment) vehicle. Delivered with the necessary paperwork (in France : barré rouge) for obtaining the registration certificate (mandatory as from 1500 litres).
- Maintains the tank on the chassis via heavy duty straps and tensioners and by wedging the feet on the chassis.

TO NOTE :
Mobile tank with rear impact guard in compliance with the new French rule in force.

Technical characteristics of the chassis:

- braked axle,
 - wide wheelbase for good stability,
 - rear impact guard in accordance with French order of 19/12/2016,
 - rear lights aligned with chassis and protected by grilles.
- Left rear light with standard registration plate support, socket and support for warning light (not supplied),
- chassis and side rails in 3 to 6 mm thick steel depending on model,
 - push-pull hose connectors,
 - rear mounted folding stabiliser stand supports,
 - front two bar support with large reinforced armpits,
 - tow bar welded on the 1 000 and 1 500 l models,
 - removable tow bar, fixed by two rear fixing brackets and pin at the rear (from the 2 300 l model).
- Tow bar equipment:
- 70 mm adjustable stand for 2 300 l and 3 100 l,
 - 70 mm manual gear jack for 5 500 l and 6 400 l.

| Capacity l | Axle mm | Drum dia. mm | Wheel(s) | Rims | Stand mm | Length m | Width m | Height m | Side under the valve mm | GVWR (gross vehicle weight rating) kg | Code Unit | € Ex. VAT | Packing Dealer |
|------------|---------|--------------|-----------------------|---------|-----------|----------|---------|----------|-------------------------|---------------------------------------|------------|-----------|----------------|
| 1000 | ∅ 60 | 250 x 60 | 11.5/80 x 15.3 14 Ply | 6 holes | ∅ 70 | 3 | 1.90 | 1.90 | 765 | 2190 | P113 37 28 | | |
| 1500 | ∅ 60 | 250 x 60 | 11.5/80 x 15.3 14 Ply | 6 holes | ∅ 70 | 3 | 1.90 | 1.90 | 765 | 2190 | P113 37 30 | | |
| 2300 | ∅ 60 | 250 x 60 | 11.5/80 x 15.3 14 Ply | 6 holes | ∅ 70 | 3.80 | 2.25 | 2.01 | 765 | 4440 | P113 37 31 | | |
| 3100 | ∅ 70 | 300 x 60 | 11.5/80 x 15.3 14 Ply | 6 holes | ∅ 70 jack | 4.00 | 2.20 | 2.20 | 795 | 4440 | P113 37 33 | | |
| 5500 | ∅ 70 | 350 x 60 | 385/65 R22.5 | 8 holes | ∅ 70 jack | 4.55 | 2.35 | 2.59 | 865 | 6870 | P113 37 35 | | |
| 6400 | ∅ 80 | 350 x 60 | 385/65 R22,5 | 8 holes | ∅ 70 jack | 5.00 | 2.35 | 2.59 | 870 | 7980 | P113 37 37 | | |

POLYBAC DOUBLE 72 BP DRINKER FOR MOBILE TANK

Drinker fitted with:

- 1 low pressure float valve tap fitted with a water stop system, essential for transport. (empty before moving)
- 2 33/42 diameter through
- wall plugs for cleaning and rapid draining.
- 1 metallic support included to attach a registration plate onto the tank chassis



| Capacity l | Length mm | Width mm | Height mm | Number of cattle | Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------|-----------|------------------|------------|-----------|----------------|
| 72 | 1006 | 490 | 350 | 45 | P113 05 16 | | |

SUPPLY KIT FOR POLYBAC DOUBLE 72 BP DRINKER

Kit features:

- a quarter turn valve fixed on tank (next to the main valve)
 - a supply hose with drinker connector.
- Compatible with Polybac Double 72 BP drinker.



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 05 22 | | |



MOBILE TANK FOR QUAD/ATV OR MINI TRACTOR



+PRODUCT **Special Quad/ATV wheels. Galvanised chassis.**

Mechanically welded chassis, galvanised, polyethylene tank 400 l density 1. Exclusively intended for off-road use. 50x2 mm square tow bar, reversible for double use, one side flat hitch, and the other, for option coupling ball (counter drill the tow bar).
Delivered without hitch head. Option : Coupling ball.

- Capacity : 400 l
- Valve diameter : 1"1/4 mm
- Wheels : 20 x 7 - 8 4PR
- Side under the valve : 450 mm

| Clear length m | Clear width m | Clear height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------------|---------------|----------------|------------|-----------|----------------|
| 2.10 | 1.17 | 1.09 | P121 49 21 | | |

HITCH HEAD FOR QUAD/ATV TRAILER

Coupling ball hitch head for 50 mm square axle. Use on "Quad" 450 litre trailers or 400 litre wheeled tanks, it is necessary to drill the boom and bolt on the head.
Compatible with "QUAD" 450 l trailers and 400 l wheeled tanks



| Fastening | Shape | Axle mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-------|-----------|------------|-----------|----------------|
| Bolts | ball | square 50 | P113 23 29 | | |

INFLATABLE TYRE FOR QUAD/ATV TRAILER

Spare wheel for 450 l QUAD trailer and 400 l wheeled tank for quads. An arrow on the rubber indicates the direction of rotation of the wheel.

- Diameter : 48 cm
- Axle : Ø 25 mm
- Rim : metal
- Pressure : 1.5 Bar(s)
- Inner tube : yes
- Load capacity : 99 kg
- Model : 20x7, 00-8 4 PR



| Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|-----------|----------------|
| Right wheel | P113 23 31 | | |
| Left wheel | P113 23 32 | | |

ATV trailer page 68

AQUASTOCK RAINWATER COLLECTOR

+PRODUCT **Reinforced in rotomolded polyethylen.**

Aquastock tanks are designed for rain water collection and storage. Their shape and color, speckled beige or British green, allows them to blend in with the environment, against a wall or in front of a house or a livestock building. Numerous side and centre reinforcements guarantee perfect rigidity. The tank is moulded to receive and protect the 1/4 turn 20/27 valve.



1

2



3



Can be connected to rainwater collector (collector not supplied).



1/4 turn Ø 3/4 valve protection, moulded in a tank recess.



Screw cap with ventilator to avoid vacuum.

Manufactured in PE resin UV stabilised frost resistant and rot proof, it resists detergents.

Fitted with a screw cap with vent to avoid vacuum.

Numerous points on top and sides of tank permit connection to a rainwater downpipe (requires downpipe connector available in stores).

Fitted with a through-wall valve.


Cube shaped and not too wide, it can be placed against a wall or in narrow passageways. Aquastock tanks can be connected in series via their base.

- Use : rain water storage and recovery
- Cover : 355 mm
- Material : polyethylene
- Width : 0.70 m
- Valve diameter : 3/4" (20/27 mm)

| | Capacity l | Color | Length m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|---|------------|-------|----------|----------|------------|-----------|----------------|
| 1 | 500 | Beige | 0.80 | 1.14 | P116 01 01 | | |
| | | Green | 0.80 | 1.14 | P116 01 02 | | |
| 2 | 1,000 | Beige | 1.55 | 1.14 | P116 01 03 | | |
| | | Green | 1.55 | 1.14 | P116 01 04 | | |
| 3 | 1,500 | Beige | 1.60 | 1.62 | P116 01 05 | | |
| | | Green | 1.60 | 1.62 | P116 01 06 | | |



CYLINDRICAL MONOBLOCK TANK D 1.7 FOR LIQUID FERTILISER

PRODUCT  **Large capacity up to 8500 l.**
Integrated baffles.

The cylindrical monoblock tanks are suitable for storage and transport of high-density solution (up to 1.7kg/dm³) such as liquid fertiliser, molasses, or brine. Made out of rot-proof, UV stable, and frost resistant polyethylene resin.

Fitted with:

- lifting rings moulded in the body at each extremity (to move empty tank),
- a wide Ø 600 mm rotomoulded cover with a Ø 120 mm vent plug in its centre, a Ø 500 mm manhole ensures easy cleaning and maintenance,
- a molded holder on the valve end stores a secondary hose for washing or filling small containers,
- the number of integrated molded baffles varies according to capacity and avoids liquid movement during transport,
- the shape of upper tank allows stacking to optimise space in the storage yard,
- wide feet, the number of which varies according to capacity, ensure high-stability,
- a recess in the top allows a float valve to be installed at any time for automatic filling,
- graduated marks,
- retaining strap recesses molded into the body,
- a complete 50/60 (2") female/male valve/ on threaded flange protected in a recess moulded in the body.

| Capacity l | Length m | Width m | Height m | Valve | Code Unit | € Ex. VAT | Packing Dealer |
|---------------|-------------|------------|-------------|--|--------------|-----------|-------------------|
| 5500 | 3,16 | 1,62 | 1,73 | Ø 2" (50/60 mm) - female - with flange | P113 40 26 | | |
| 6400 | 3,71 | 1,62 | 1,73 | Ø 2" (50/60 mm) - female - with flange | P113 40 28 | | |
| 8500 | 4,71 | 1,64 | 1,75 | Ø 2" (50/60 mm) - female - with flange | P113 40 30 | | |



A moulded holder on the valve end stores a secondary hose (practical for washing, or filling small containers).



a complete 50/60 (2") female/male valve on threaded flange protected in a recess moulded in the body.



a wide Ø 600 mm rotomoulded cover with a Ø 120 mm vent plug in its centre, a Ø 500 mm manhole ensures easy cleaning and maintenance.



lifting rings moulded in the body at each extremity (empty tank).



the number of integrated molded baffles varies according to capacity and avoids liquid movement during transport.



▶ ACCESSORIES FOR TANKS AND WATER COLLECTORS



1 COMPLETE 3/4" DRAINAGE VALVE - 20/27 MM

Delivered as standard for our AQUASTOCK* water collectors capacity : 500/1000/1500 l, screwed on a through-wall 20/27 mm. Can be adapted to our cylindrical monoblock D1.2 (all capacities) in addition to female/male 50/60 2" valve already fitted on the tank. This provides a lower drain valve flow rate and allows hose connection.

| Material | Thread | Ø mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------------|-------|------|--------------|------------|-----------|----------------|
| resin | female/female | 20/27 | 3/4" | through wall | P113 09 06 | | |

Delivered without through wall.

2 COMPLETE 1" 1/4 DRAINAGE VALVE - 33/42 MM

Delivered as standard on our rectangular monoblock D1 capacity 400/600/800 and 1000 l, screwed on a through wall 33/42 mm

| Material | Thread | Ø mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------------|-------|-------|--------------|------------|-----------|----------------|
| resin | female/female | 33/42 | 1"1/4 | through wall | P113 09 05 | | |

Delivered without through wall.

3 COMPLETE 1" 1/2 DRAINAGE VALVE - 40/49 MM

Delivered as standard on our rectangular monoblock D1 tanks, capacity 1500 and 2000 l, screwed on a through wall 40/49 mm

| Material | Thread | Ø mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------------|-------|-------|--------------|------------|-----------|----------------|
| resin | female/female | 40/49 | 1"1/2 | through wall | P113 09 03 | | |

Delivered without through wall.

4 COMPLETE 2" DRAINAGE VALVE - 50/60 MM

Delivered as standard on :
 - our cylindrical monoblock tanks D1.2 all capacity
 - rectangular monoblock tanks D1 capacity 3 000/4 000 and 5 000 l
 - tanks for liquid fertiliser (capacity: 5500/6400/8500 l)
 - low capacity silos on chassis

| Material | Thread | Ø mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-------------|-------|------|-------------------|------------|-----------|----------------|
| resin | female/male | 50/60 | 2" | reinforced flange | P113 09 07 | | |

Delivered without through wall.

REINFORCED FLANGE FOR FEMALE/MALE VALVE - 2" - 50/60 MM

Compatible with complete 50/60 (2") male/female drain valve (P1130907)

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 09 08 | | |



THROUGH WALL

Compatible with the valves to screw on Through-wall.

| Ø mm | Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-------|------------|-----------|----------------|
| 20/27 | 3/4" | P113 09 23 | | |
| 33/42 | 1"1/4 | P113 09 21 | | |
| 40/49 | 1"1/2 | P113 09 19 | | |



1/2 RIBBED FIRE HOSE CONNECTION - 2" - 50/60 MM

To screw in the female part of the valves 50/60 mm mounted on reinforced flange or through-wall.

■Material : resin

| Ø mm | For hose inside diameter mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-----------------------------|------|---------|------------|-----------|----------------|
| 50/60 | 54 | 2" | flanged | P113 09 35 | | |



5 STRAIGHT END

Straight end to screw in the female part of the valve. It enables hose connection.

■Model : straight

■Material : resin

| Ø mm | For hose inside diameter mm | Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-----------------------------|-------|------------|-----------|----------------|
| 33/42 | 12 | 1"1/4 | P113 09 12 | | |
| 40/49 | 40 | 1"1/2 | P113 09 11 | | |
| 50/60 | 50 | 2" | P113 09 09 | | |

6 ELBOW END PIECE

Elbow end to screw in the female part of the valve. It enables hose connection.

■Model : elbow

■Material : resin

| Ø mm | For hose inside diameter mm | Type | Code Unit | € Ex. VAT | Packing Dealer |
|-------|-----------------------------|-------|------------|-----------|----------------|
| 40/49 | 40 | 1"1/2 | P113 09 15 | | |
| 50/60 | 50 | 2" | P113 09 13 | | |

LID FOR RECTANGULAR MONOBLOCK TANKS AND AQUASTOCK

■Lid : with collar and vent

■Material : Injected plastic

| Ø mm | Code Unit | € Ex. VAT | Packing Dealer |
|-------|------------|-----------|----------------|
| 7 255 | P113 09 27 | | |
| 8 355 | P113 09 29 | | |

9 LID FOR CYLINDRICAL TANKS

Delivered as standard for our cylindrical monobloc tanks D1.7 all capacity.

| Ø mm | Code Unit | € Ex. VAT | Packing Dealer |
|------|------------|-----------|----------------|
| 600 | P113 09 25 | | |

■Lid : with vent

■Material : rotomolded polyethylene

FLOAT VALVES

can be mounted on the rectangular or cylindrical tanks

NETWORK PRESSURE FLOAT VALVE TAP

Body in polyamide. Possible to adjust height and flow rate via adjuster screw on adjustable models. Ideally operates on a pressure range from 3 to 4 bars. 15/21 (1/2") male thread outlet.

■Connection diameter : 1/2" (15/21 mm) - male

| Colours | Flow rate L/min | Adjustable | Code Unit | € Ex. VAT | Packing Dealer |
|---------|-----------------|------------|------------|-----------|----------------|
| White | 32 | no | P113 83 10 | | |



HIGH FLOW FLOAT VALVE TAP

Brass body operates on pressure ranges of:
 - 4 bars for 42 l/min (with nominal flow rate of 75 l/min) with its two factory fitted float valves
 - 5 bars for 53 l/min (with nominal flow rate of 100 l/min) with its two factory fitted float valves and an its optional kit of 2 extra floats.

Height adjustment by sliding the float valve along its large cross section stainless steel bar.

Is fitted with:

- a locking mechanism to shut off the water supply.
- a 20/27 mm (3/4") external male thread
- a 15/21 mm (1/2") internal female thread
- locknut with seal.

Can be used in low pressure configuration.

Delivered as standard with 2 float valves.

Compatible with Polytherme large capacity, Polyclean, Polyherd and Polyflow.

| Colours | Flow rate L/min | Adjustable | Code Unit | € Ex. VAT | Packing Dealer |
|--------------|-----------------|------------|------------|-----------|----------------|
| Yellow brass | 42 | No | P113 83 41 | | |



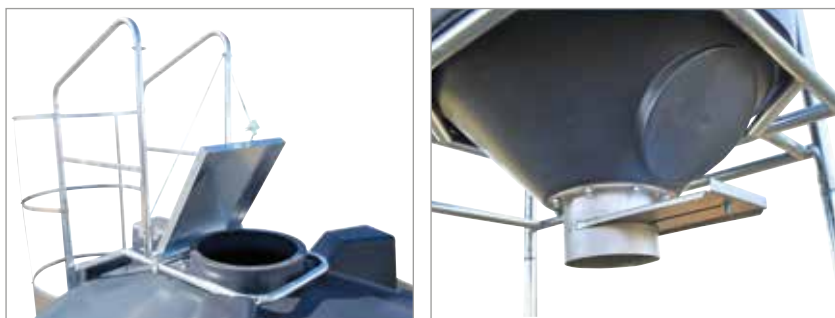
• LARGE CAPACITY FOODSTUFF SILOS

These foodstuffs silos are manufactured in a single block of polyethylene resin, rot free, UV stabilised, and frost resistant. They resist detergents, disinfectants, and high pressure washing. They are positioned on a steel chassis with four feet.

The concrete bases are reinforced and very stable thanks to the four feet of the monoblock chassis of large cross section mechanically welded steel tubing.

- silo 5.70 m³ : Ø 60.3 mm x Thickness : 2.9 mm.
- silo 9.70 m³ : Ø 70 mm x Thickness : 2.9 mm.

These feed silos are designed for inside and outside feed storage (0.8 maximum density). They comply with the security standards for feeds delivery at the farm.



LARGE CAPACITY FOODSTUFF SILO

Fitted with:

- monoblock tank with offset cone.
- smooth non-porous walls, guarantees water tightness and easy cleaning.
- mechanically welded chassis for stability and longevity.
- a stainless steel Ø 200 mm trapdoor, fitted as standard on the offset cone, allows loading of foodstuffs directly in a tractor bucket from the front of the silo, or via a feed trolley. It can be placed on the offset part of the cone using the closure kit.
- a caged ladder 2 m from ground complete with bridge and handrails, accessible from the mobile ladder.
- the filler lid can be opened and closed from ground level for greater safety.

The silo is delivered pre-assembled, the monoblock tank fitted in the chassis, all that remains to fit are kit items: four feet sleeves, handrail, ladder cage, and the Ø 200 mm stainless steel hatch. This facilitates installation and ensures compliance with the standards in force.

Optional: silo raising extensions and filler pipe.

Reinforced shell available for grain on request as an option.

- Tank body material : Rotomolded polyethylene
- Chassis material : galvanised steel

| Vol. m ³ | Capacity kg | Diameter m | Height m | Height with raised feet m | Height beneath hatch (standard) m | Height beneath hatch (raised) m | Space between legs m | Code Unit | € Ex. VAT | Packing Dealer |
|---------------------|-------------|------------|----------|---------------------------|-----------------------------------|---------------------------------|----------------------|------------|-----------|----------------|
| 5.70 | 3 700 | 2.10 | 4.83 | 5.73 | 0.90 | 1.70 | 1.30 | P113 45 15 | | |
| 9.70 | 6 300 | 2.30 | 5.83 | 6.73 | 0.90 | 1.70 | 1.39 | P113 45 17 | | |



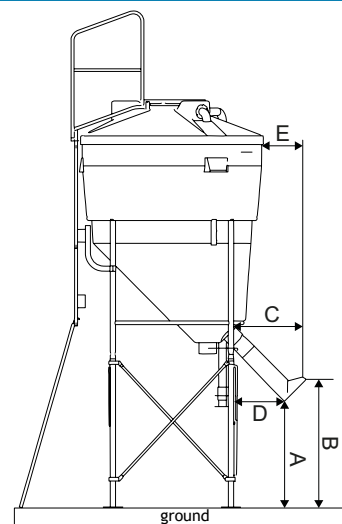
Recommendation :

4 floor mounting legs, with 16 ground anchoring points on a concrete square slab.

Before installing, be careful to respect the following dimensions :

- 5.70m³ version, a minimum concrete slab of 2.5 x 2.5 m is necessary
- 9.70m³ version, a minimum concrete slab of 2.7 x 2.7 m is necessary
- Slab thickness to be define according to the ground nature, usually more or less 30 cm

| Silo | Chute | A | B | C | D | E |
|---------------------|-------------------------|---------|---------|--------|--------|--------|
| 5.70 m ³ | Standard Short - 0,55 m | 762 mm | 1000 mm | 387 mm | 246 mm | 179 mm |
| | Raised Short - 0,55 m | 1562 mm | 1800 mm | 387 mm | 246 mm | 179 mm |
| 9.70 m ³ | Standard Long - 1,43 m | 900 mm | 1137 mm | - | - | 780 mm |
| | Raised Short - 0,55 m | 800 mm | 1036 mm | 400 mm | 191 mm | 112 mm |
| 9.70 m ³ | Standard Short - 0,55 m | 1600 mm | 1836 mm | 400 mm | 191 mm | 112 mm |
| | Raised Long - 1,43 m | 900 mm | 1137 mm | - | - | 713 mm |



FOOT RAISING EXTENSION FOR LARGE CAPACITY SILO

Legs raised by 90 cm and ladder's extension. This option is necessary when using an offset channel mounted on silos 5.70 m³ or 9.70 m³.

■Material : galvanised steel



| Model m ³ | Space between legs m | Code Unit | € Ex. VAT | Packing Dealer |
|----------------------|----------------------|------------|-----------|----------------|
| For 5.7 silo | 1.30 | P113 47 21 | | |
| For 9.7 silo | 1.39 | P113 47 23 | | |

OFFSET CHANNEL WITH HATCH



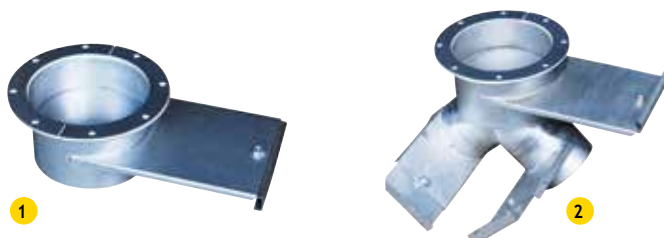
2 models:

- The short channel, directly sends feedstuffs to a tractor bucket at the foot of the silo.
- The long channel when equipped with long feet. For 5.7 and 9.7 m³ silos.

■Material : rotomolded polyethylene ■Diameter : 200 mm

| Model | Length m | Code Unit | € Ex. VAT | Packing Dealer |
|-------|----------|------------|-----------|----------------|
| short | 0.55 | P113 47 18 | | |
| long | 1.43 | P113 47 17 | | |

Ø 200 MM STAINLESS STEEL EMPTYING HATCH



The single flange model is delivered as standard on 5.70 and 9.70 silos.

■Material : stainless steel ■Type : Guillotine
■Diameter : 200 mm

| Model | Diameter inlet mm | Diameter outlet mm | Code Unit | € Ex. VAT | Packing Dealer |
|----------------------------------|-------------------|--------------------|------------|-----------|----------------|
| 1 single flange | 200 | 200 | P113 49 03 | | |
| 2 Flange with 2 outlets Ø 140 mm | 1x200 | 2x140 | P113 49 05 | | |

Ø 200 MM CLOSURE KIT FOR SILO OUTLET

- Kit comprising:
- 2 half flanges ;
 - 1 Ø 200 mm closing plate ;
 - 1 seal.

Channel closure kit for four footed feedstuffs silos 5.70 m³ and 9.70 m³. Necessary when changing place of the Ø 200 mm hatch.



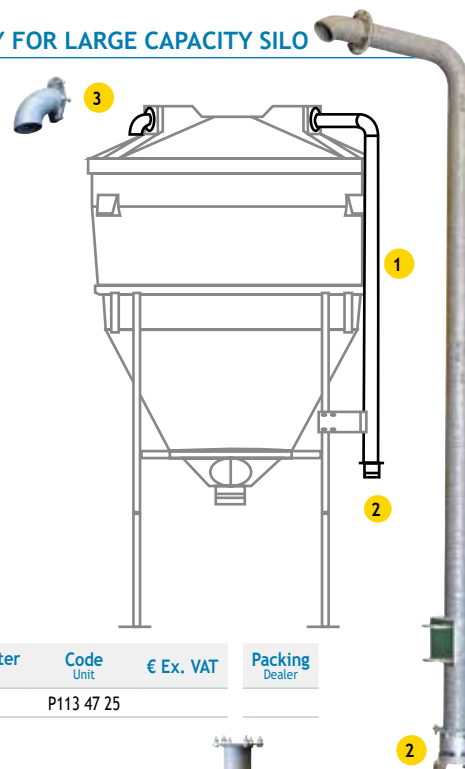
| Code The kit | € Ex. VAT | Packing Dealer | ■Material : stainless steel | ■Diameter : 200 mm |
|--------------|-----------|----------------|-----------------------------|--------------------|
| P113 49 11 | | | | |

PNEUMATIC SUPPLY FOR LARGE CAPACITY SILO

Specially designed for the blower filling of large capacity 5.7 and 9.7 m³ silos.

- Fitted with :
- 1 - Blower
 - 2 - Ø 100 mm fire hose connection
 - 3 - Vent

Option : Pipe extension.



| Length m | Height m | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|----------|----------|-------------|------------|-----------|----------------|
| 2.54 | 0.70 | 70 | P113 47 25 | | |

PIPE EXTENSION FOR PNEUMATIQUE SUPPLY

The extension couples with the pneumatic supply for extended feed silo installation. Only compatible with filler extension pipe for large capacity silo.

| Length mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|------------|-----------|----------------|
| 900 | P113 47 27 | | |



Ø 140 MM STAINLESS STEEL EMPTYING HATCH

Can be mounted on Ø 140 mm PVC pipe

■Material : stainless steel
■Diameter : 140 mm
■Type : guillotine

| Model | Code Unit | € Ex. VAT | Packing Dealer |
|--------------|------------|-----------|----------------|
| single flang | P113 49 07 | | |



WATER AND FEED DISTRIBUTION AND STORAGE



SMALL CAPACITY MONOBLOCK FOODSTUFFS SILOS ON CHASSIS



Transparency filling level.



Manufactured in food grade, translucent, UV stabilised, and frost resistant PE resin. 500, 1000, 1500, and 2000 litre storage silos on chassis can be used for cereals and solid and liquid feed having a density of up to 1.

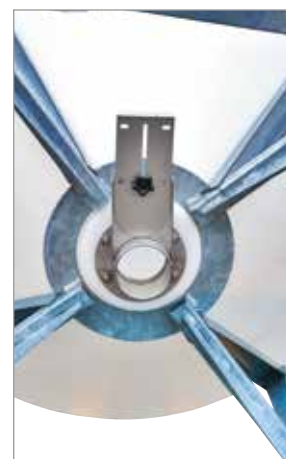
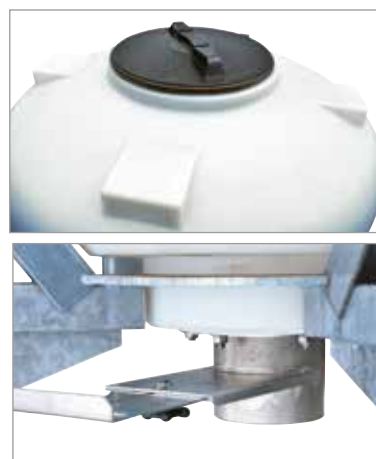
Features:

- Ø 1,170 mm
- with 80° outlet cone for excellent flow.
- with filler cover and Ø 455 mm vent,
- fitted with either a Ø 100 mm emptying hatch for feed or 2" (50/60) flanged quarter-turn valve for liquids with a density of 1.
- galvanised chassis 1085 x 1085 mm.
- Option : extension of 90 cm (P1136109)

- Material : rotomolded polyethylen shell and galvanised chassis
- Diameter shell : 1.17 m

- Height under hatch : 0.18 m without extended chassis

| Capacity | Height of tank on chassis m | Outlet | Code Unit | € Ex. VAT | Packing Dealer |
|----------|-----------------------------|-------------------------|------------|-----------|----------------|
| 500 | 1.30 | Guillotine hatch | P113 59 02 | | |
| | 1.30 | Valve with through wall | P113 59 10 | | |
| 1000 | 1.78 | Guillotine hatch | P113 59 04 | | |
| | 1.78 | Valve with through wall | P113 59 12 | | |
| 1500 | 2.26 | Guillotine hatch | P113 59 06 | | |
| | 2.26 | Valve with through wall | P113 59 14 | | |
| 2000 | 2.74 | Guillotine hatch | P113 59 08 | | |
| | 2.74 | Valve with through wall | P113 59 16 | | |



FOOT RAISING EXTENSION FOR SMALL CAPACITY SILOS ON CHASSIS



Allows access under the silo with a feed trolley.

Raises the silo 90 cm above the ground. For 500 l to 2 000 l small capacity silos on chassis.

- Material : galvanised steel



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 61 09 | | |

LID WITH Ø 455 MM VENT

Delivered as standard on small capacity silos.

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 09 31 | | |



Ø 100 MM STAINLESS STEEL EMPTYING HATCH

Delivered as standard on silos fitted with « guillotine » hatch.

- Material : stainless steel
- Diameter : 100 mm
- Type : guillotine



| Model | Code Unit | € Ex. VAT | Packing Dealer |
|---------------|------------|-----------|----------------|
| single flange | P113 49 01 | | |

COMPLETE 2" DRAINAGE VALVE - 50/60 MM

Delivered as standard on :

- our cylindrical monoblock tanks D1.2 all capacity
- rectangular monoblock tanks D1 capacity 3 000/4 000 and 5 000 l
- tanks for liquid fertiliser (capacity: 5,500/6,400/8,500 l)
- low capacity silos on chassis



| Material | Thread | ø mm | Type | Model | Code Unit | € Ex. VAT | Packing Dealer |
|----------|--------------|-------|------|-------------------|------------|-----------|----------------|
| resin | female/ male | 50/60 | 2" | reinforced flange | P113 09 07 | | |

Delivered without through wall.

REINFORCED FLANGE FOR FEMALE/MALE VALVE - 2" - 50/60 MM

Compatible with complete 50/60 (2") male/female drain valve (P1130907)

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 09 08 | | |



SMALL CAPACITY VERTICAL SAFE



+PRODUCT **Keep your content safe from rodent.**

Vertical safe to save space on the floor. Fitted with 2 carry grips on each side. They permit the storage of all types of materials or equipment. They are ideal as small feed reserves. And they keep your content safe from water, humidity, light, dust and rodent providing optimal conservation. Delivered with a removable lid on the top.

■ Material : rotomolded polyethylene ■ Cover : Without hinges

| Capacity l | Length m | Width m | Weight m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 120 | 0.58 | 0.48 | 0.70 | P113 17 73 | | |
| 200 | 0.60 | 0.50 | 0.95 | P113 17 74 | | |

STORAGE TRUNK

+PRODUCT **Easily transported.**



It has two metal handles flush moulded directly into its body. Its hinge mounted cover has a watertight seal, and two padlock lugs that render it entirely secure once closed.

Suitable for transport in a pick-up or other vehicle.

■ Material : polyethylene ■ Model : horizontal
■ Capacity : 250 l

| Color | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|-------|----------|---------|----------|------------|-----------|----------------|
| black | 0.80 | 0.61 | 0.51 | P113 17 70 | | |
| green | | | | P113 17 71 | | |



PRO BOWL WITH HANDLES



+PRODUCT **Robust and versatile.**

Heavy duty, outside rim and nylon handles.

- Capacity : 90 l
- Diameter : 0.60 m
- Height : 0.52 m
- Material : polyethylene
- Color : Black

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 17 76 | | |



GRADUATED FLAT EDGE BUCKET

Flat edge bucket graduated in litres

- Capacity : 17.5 l
- Color : white
- Material : injected PEHD
- Length : 37 cm
- Width : 33 cm
- Height : 27 cm
- Diameter handle : 5 mm

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 17 | | |



ROTOMOLDED FLAT EDGE BUCKET

+PRODUCT **Reinforced.**

Rotomolded. Flat side with handle.

- Color : Light green
- Material : rotomolded polyethylene
- Diameter handle : 8 mm

| Capacity l | Length cm | Width cm | Depth cm | Height cm | Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------|----------|-----------|------------|-----------|----------------|
| 16 | 34 | 32 | 27 | 27 | P121 41 05 | | |
| 23 | 40,5 | 38 | 34 | 34 | P121 41 07 | | |



WATER AND FEED DISTRIBUTION AND STORAGE



• FEED TROUGH IN POLYETHYLENE

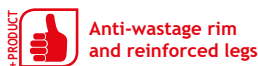
Concrete-surfaced areas have the disadvantage of being difficult to clean, silage runs a high risk of being contaminated by butyric acid bacteria spores.

Therefore, it is recommended that silage be placed in foodstuff-quality feed troughs. Made of polyethylene resin, these troughs are rot-proof, withstand detergents, disinfectants, and high-pressure cleaning. The smooth trough walls, galvanised frame and drain plug, ensure easy cleaning.

REINFORCED FEED TROUGH

Fitted with:

- 2 pre-attached side rails acting as an anti-wastage outer rim and providing protection against any impacts by animals or tractor wheels.
- anti-wastage rim and base reinforced with ribs.
- 1 drain plug 33/42
- Ø 42.4 mm galvanised legs adjustable in height via bolt and snap-end nuts.



| Length m | Width m | Min. height m | Max. height m | Number of feet | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|---------------------|---------------------|-------------------|--------------|-----------|-------------------|
| 3 | 0.85 | 0.55 | 0.80 | 4 | P113 41 04 | | |
| 4 | 0.85 | 0.55 | 0.80 | 4 | P113 41 02 | | |
| 5 | 0.85 | 0.55 | 0.80 | 6 | P113 41 01 | | |
| | 0.60 | 0.43 | 0.68 | 6 | P113 41 03 | | |



- Feed trough : on feet
- Material : rotomolded polyethylene

■ Shape : straight

STANDARD FEED TROUGH

Fitted with:

- Two pre-attached side rails inside the rim providing protection against any impact.
 - a base reinforced with ribs.
 - galvanised legs Ø 33.7 mm, height adjustable via snap-end nuts.
- Anti-wastage exterior rim.

| Length m | Width m | Min. height m | Max. height m | Number of feet | Code Unit | € Ex. VAT | Packing Dealer |
|-------------|------------|---------------------|---------------------|-------------------|--------------|-----------|-------------------|
| 3 | 0.85 | 0.55 | 0.80 | 4 | P113 41 06 | | |
| 4 | 0.85 | 0.55 | 0.80 | 4 | P113 41 08 | | |
| 5 | 0.85 | 0.50 | 0.80 | 6 | P113 41 05 | | |
| | 0.60 | 0.43 | 0.68 | 6 | P113 41 07 | | |



- Feed trough : on feet
- Material : rotomolded polyethylene

■ Shape : straight

"JUNIOR" FEED TROUGH FOR SMALL ANIMALS

Designed specifically for small animals, such as calves, sheep, goats, and ponies. Ideal mounted in front of Cosnet "Comfort Junior" headlocks.



Fitted with:

- 2 galvanised pre-assembled side rails on rim.
- a base reinforced with ribs.
- Ø 25 mm galvanised legs adjustable in height via snap-end nuts.
- 1 drain plug 33/42 mm.



- Feed trough : On feet
- Material : rotomolded polyethylene
- Shape : Straight

| Length m | Width m | Min. height m | Max. height m | Number of feet | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|---------------|---------------|----------------|------------|-----------|----------------|
| 2 | 0.45 | 0.30 | 0.50 | 4 | P113 41 09 | | |
| 2.5 | 0.45 | 0.30 | 0.50 | 4 | P113 41 11 | | |
| 3 | 0.45 | 0.30 | 0.50 | 4 | P113 41 13 | | |

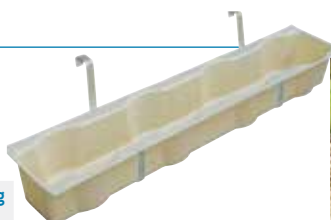
SUSPENDED BUCKET HOLDER FEED TROUGH



Choice of 4, 5, or 6 buckets

Made of polyethylene resin and designed with recesses to securely hold standard buckets available in stores. Fitted with 2 metallic hooks.

| Length m | Width m | Height m | Use | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------|------------|-----------|----------------|
| 1.81 | 0.39 | 0.22 | 4 buckets | P113 57 01 | | |
| 2.26 | 0.39 | 0.22 | 5 buckets | P113 57 03 | | |
| 2.71 | 0.39 | 0.22 | 6 buckets | P113 57 05 | | |



STRAIGHT FIELD TROUGH



Made of polyethylene resin, these multi-purpose troughs are placed directly on the ground and are ideal for small animals.

- Material : rotomolded polyethylene

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 20 | 1 | 0,32 | 0,12 | P121 31 05 | | |
| 30 | 1.50 | 0,32 | 0,12 | P121 31 07 | | |
| 40 | 2 | 0,32 | 0,12 | P121 31 09 | | |

MULTI-PURPOSE TRAY



To hang on barrier.

Fits on the PRO-FEED trolley's handle. Can also be fitted on a door or field gate.

- Material : polyethylene
- Color : Grey

| Capacity l | Length m | Width m | Height m | Code Unit | U € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-------------|----------------|
| 25 | 0,75 | 0,35 | 0,20 | P113 23 49 | | |

METAL 5 TO 10 KG SALT BLOCK HOLDER



Can be used both ways. Outdoors, it protects the salt block from rain. Indoors, it collects the salt liquid.

Distribution of mineral salts in the form of a salt block is indispensable for animals. This sturdy design is acid-resistant and can be mounted two ways, either to protect the block from weather, or to collect liquid. Wooden pin with cotter is inaccessible to animals, making changing the block easy. Designed for round or octagonal salt blocks of 5 or 10 kilos.

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P121 01 01 | | |

- Material : rotomolded polyethylene
- Fastening : wall

WALL SUPPORT FOR MINERAL BUCKET LICK

It has been designed for mineral bucket lick. Can be fixed to a wall or on barrier 5 rails. Due to its ergonomic shape they can be attached to each other back-to-back or on the side. Optional: Bag of 4 U-bolts.



- Material : rotomolded polyethylene

NEW
★★★★★
BREVETÉ

| Capacity l | Length cm | Height cm | Depth cm | Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|-----------|----------|------------|-----------|----------------|
| 20 | 50 | 41 | 48 | P113 57 20 | | |

U-BOLTS FOR WALL SUPPORT MINERAL BUCKET LICK

Necessary when hanging the wall support on barrier Ø 42 or 60 mm

| Diameter mm | Code The pair | € Ex. VAT | Packing Dealer |
|-------------|---------------|-----------|----------------|
| 76 | P113 57 21 | | |

- Material : Stainless steel

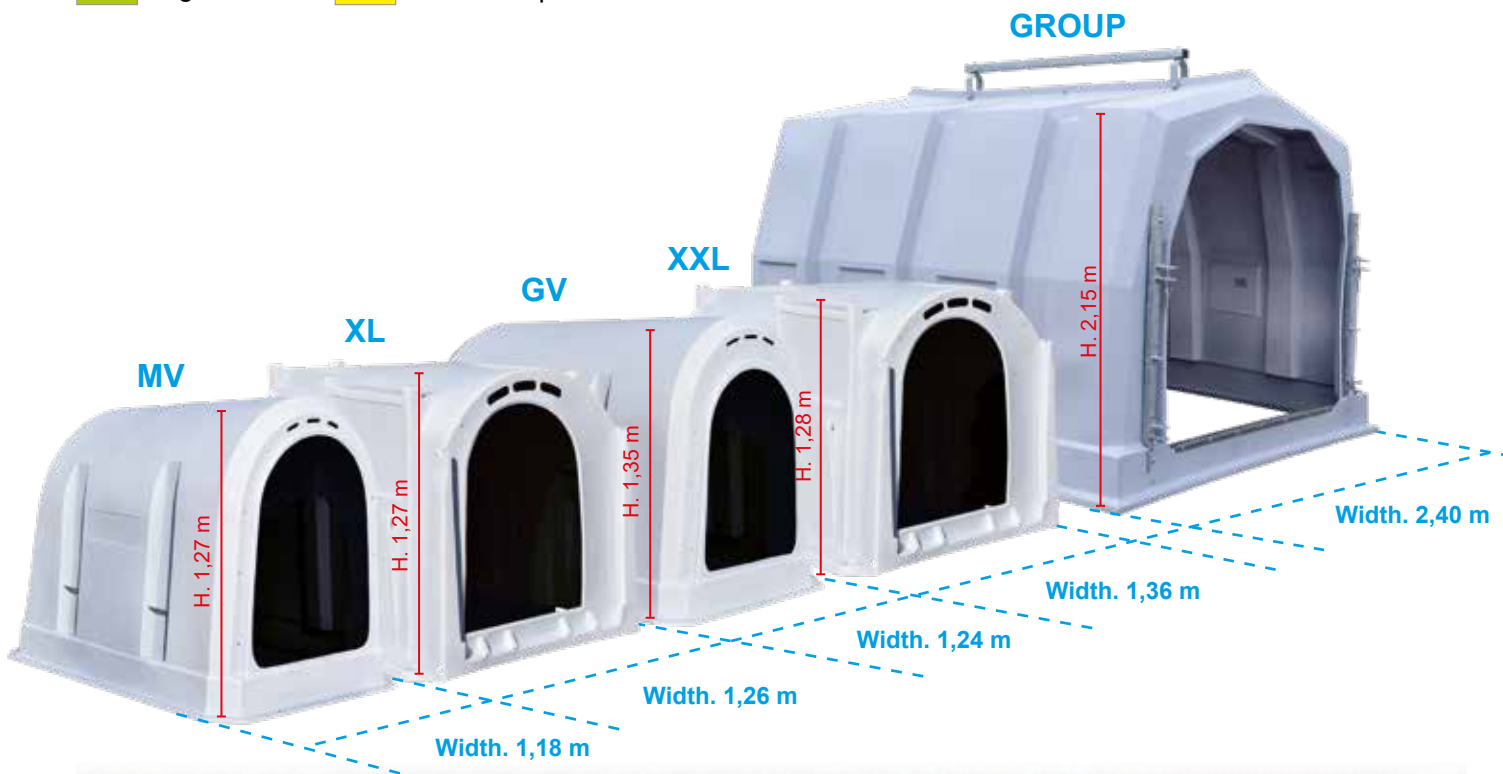




A complete range
of calf hutches

| Installation | | OUTDOOR | | | | | | | | | INDOOR | |
|-------------------------------|-----------|--------------|--------------|---------------|--------------|--------------|-----------------|---------|------------------|-----------------------|----------------------|-----------------|
| Type | | Individual | | | | | | | | Group (6 calves max.) | Individual | |
| Aged for | | 3 to 4 weeks | | until 6 weeks | | 4 to 6 weeks | 4 to 8 weeks | | until 2 months | | until 6 months | until 2 months |
| Model | | MV | MV Two-layer | GV | GV Two-layer | XL | Pack comfort XL | XXL | Pack comfort XXL | Collective | Collective with park | Hygiene Box PRO |
| N° of page | | 88 | 89 | 88 | 89 | 90 | 91 | 90 | 91 | 94 | 94 | 97 |
| Pen | | without | | without | | without | with | without | with | without | with | - |
| Dimensions (overall) in METER | Length. m | 1,40 | | 1,90 | | 1,63 | 3,38 | 2,10 | 3,85 | 3 | 6,90 | 1,90 |
| | Width. m | 1,18 | | 1,24 | | 1,26 | 1,26 | 1,36 | 1,36 | 2,40 | 2,80 | 0,90 |
| | Height. m | 1,27 | | 1,35 | | 1,27 | 1,27 | 1,28 | 1,28 | 2,15 | 2,15 | 1,90 |
| Two-layer | | | | | | | | | | | | |
| Headlocks | | | | | | 1 | 1 | 1 | 1 | 6 | 6 | 2 |
| Access hatch | | | | | | | | | | | | |
| Interior bucket holder | | | | | | | | | | | | |
| Interior rack | | | | | | | | | | | | |
| Teat bucket holder | | | | | | | | | | | | |
| Bottle holder | | | | | | | | | | | | |
| Slatted floor | | | | | | | | | | | | |
| Feeder | | | | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 6 | |

Original
 Possible Option



CALF HUTCHES AND PENS



• MV AND GV INDIVIDUAL CALF HUTCHES



Value for money.
Much more flexible and less fragile than fibre glass.



Their design allows the air to circulate inside the hutch and limits condensation. A slope ensures condensation run off. No droplets fall on the calf.

- Adjustable ventilation flap at rear, offset to stop streaming water from entering the hutch
- Reinforced rear and side for long term rigidity.
- Threshold rotomoulded in the body for better retention of bedding
- Six side and rear lifting handles
- Ground fastening holes

They come in two rotomolding finishes: standard one-layer and top-of-the-range two-layer.



Air circulation in the hutch limiting condensation.



Six side and rear lifting handles
Sides reinforced by 2 stiffeners.



Threshold rotomoulded in the body for better retention of bedding.



Resistance test: Returns to its original shape in just a few minutes after distortion!



*Eight-year guarantee, valid for polyethylene calf hutches under normal conditions of use.

• STANDARD ONE-LAYER CALF HUTCHES

These hutches are rotomoulded in an opaque light colour. They optimise animal welfare by limiting UVs and lowering the temperature inside the hutch. Light inner ambiance, translucent but non-transparent hutch.



MV STANDARD CALF HUTCH

Model recommended for raising calves up to 3-4 weeks.

- Model : MV
- Type : standard
- Finish : one-layer
- Material : rotomolded polyethylene resin

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 1.42 | 1.18 | 1.27 | 1.79 | P113 51 01 | | |

GV STANDARD CALF HUTCH

Model recommended for raising calves up to 6 weeks.
Right and left recess to accommodate a 50 l feed box.

- Model : GV
- Type : standard
- Finish : one-layer
- Material : rotomolded polyethylene resin

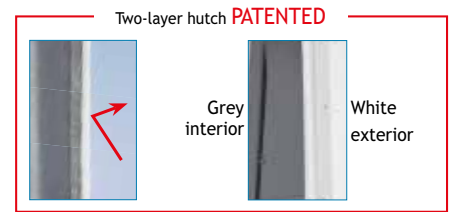
| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 1.90 | 1.24 | 1.35 | 2.36 | P113 51 03 | | |

• TOP-OF-THE-RANGE TWO-LAYER CALF HUTCHES



There is a difference in temperature in sunlight, depending on time of day, of 5 to 8 °C in the new La Gée Plus two-layer hutches compared to standard white or beige translucent rotomoulded products available on the market.

These hutches are rotomoulded in two-layer polyethylene and feature two colors:
 - The white external wall reflects the sun's rays.
 - The internal grey wall in PE renders the structure opaque preserving its internal temperature and protecting against UV Light inner ambiance, opaque two-layer hutch reducing UV.



MV TWO-LAYER CALF HUTCH

Model recommended for raising calves up to 3-4 weeks.

- Model : MV
- Type : top of the range
- Finish : 2-layer
- Material : rotomolded polyethylene resin

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 1.42 | 1.18 | 1.27 | 1.79 | P113 51 31 | | |

GV TWO-LAYER CALF HUTCH

Model recommended for raising calves up to 6 weeks.
Right and left recess to accommodate a 50 l feed box.

- Model : GV
- Type : top of the range
- Finish : 2-layer
- Material : rotomolded polyethylene resin

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 1.90 | 1.24 | 1.35 | 2.36 | P113 51 33 | | |

• OPTIONS AND ACCESSORIES FOR MV AND GV GROUP CALF HUTCHES

SINGLE GATE WITH BUCKET HOLDER

Single gate with non-folding bucket holder.
Opens to left or right.
Compatible with standard buckets or our graduated flat edge bucket.
Compatible with MV, GV, XL, and XXL calf hutches.
Delivered without bucket.



- Material : galvanised steel
- Model : single

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.70 | 0.37 | 0.63 | P113 51 07 | | |

DOUBLE BUCKET HOLDER GATE

Non-folding bucket holder.
Compatible with standard buckets or our graduated flat edge bucket.
Compatible with MV, GV, XL, and XXL calf hutches.
Delivered without bucket.



- Material : galvanised steel
- Model : double

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.84 | 0.37 | 0.68 | P113 51 08 | | |



GRADUATED FLAT EDGE BUCKET

Flat edge bucket graduated in litres

- Capacity : 17.5 l
- Color : white
- Material : injected PEHD
- Length : 37 cm
- Width : 33 cm
- Height : 27 cm
- Diameter handle : 5 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 17 | | |

50 L FEEDER

To be mounted outside the hutch in the locations provided for this purpose after cutting the polyethylene.
Feeder fitted with:

- a lid,
 - partition grille for hay,
 - a feed compartment at the bottom.
- Compatible with GV, XL, XXL and group calf hutches.



| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 50 | 0.47 | 0.35 | 0.70 | P113 51 05 | | |



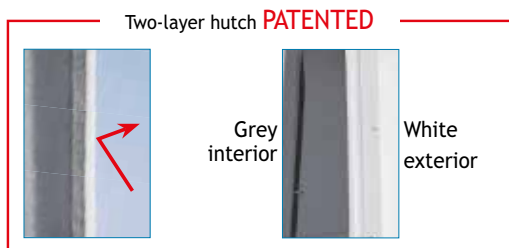


• XL AND XXL TWO-LAYER CALF HUTCHES



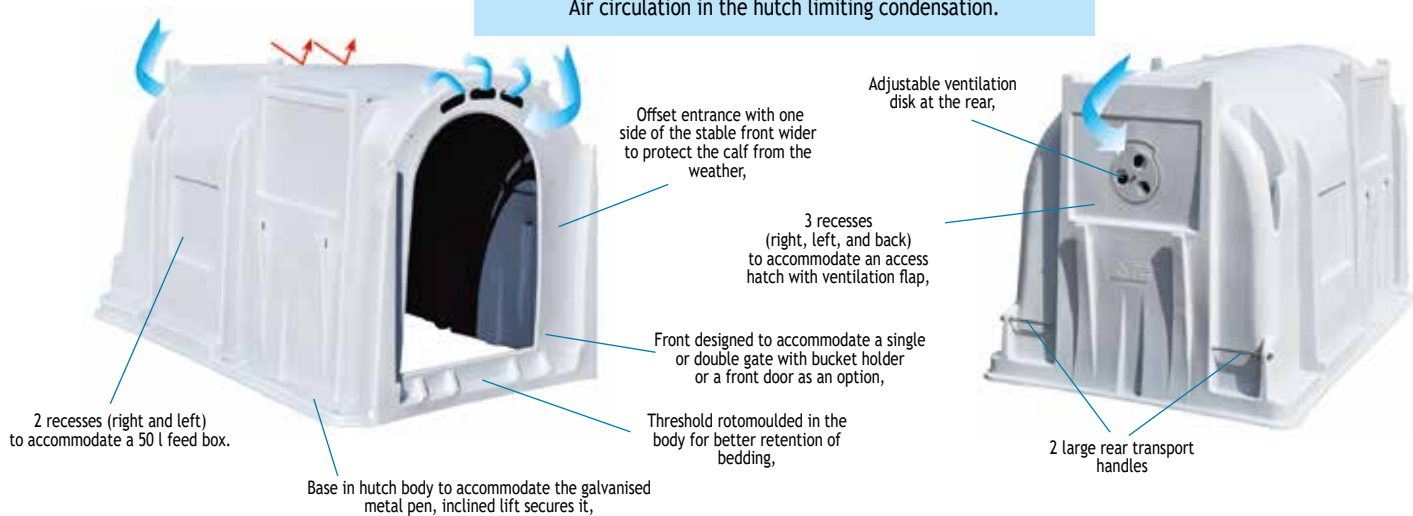
There is a difference in temperature in sunlight, depending on time of day, of 5 to 8° C in the new La Gée Plus two-layer hutches compared to standard white or beige translucent rotomolded products available on the market.

- These hutches are rotomolded in two-layer polyethylene and feature two colors:
- The white external wall reflects the sun's rays.
 - The internal grey wall in PE renders the structure opaque preserving its internal temperature and protecting against UV.
 - Slope ensures condensation run off. No droplets fall on the calf,
 - Adjustable ventilation disk at the rear,
 - Reinforced rear and side for long term rigidity,
 - 2 large rear transport handles,
 - Ground fastening holes.



*Eight-year guarantee, valid for polyethylene calf hutches under normal conditions of use.

Air circulation in the hutch limiting condensation.



XL TWO-LAYER CALF HUTCH

Model recommended for raising calves up to 4-6 weeks.

- Model : XL
- Material : rotomolded polyethylene resin
- Finish : 2-layer

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 1.63 | 1.26 | 1.27 | 2.05 | P113 51 39 | | |

XXL TWO-LAYER CALF HUTCH

Model recommended for raising calves up to two months.

- Model : XXL
- Material : rotomolded polyethylene resin
- Finish : 2-layer

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 2.10 | 1.36 | 1.28 | 2.86 | P113 51 43 | | |



• XL AND XXL COMFORT PACKS



Pack prices are lower than those for purchases by unit.



These packs come from the assembly of our XL and XXL hutches with options. They make it possible to obtain complete mid-range sets on the livestockmarket. Additional options are available for them.

XL COMFORT CALF HUTCH PACK



Mid-range. Perfectly matches outdoor livestock farming needs. Equipment adapted to optimise farmer work and animal welfare.

Model recommended for raising calves up to 4-8 weeks.
The XL Comfort Pack comprises:
- 1 XL two-layer calf hutch, length 1.63 m, width 1.26 m and height 1.27 m;
- 1 galvanised pen, length 1.75 m, width 1.20 m, and height 0.87 m, designed with Ø 18 mm bars welded on a Ø 25 mm frame;
Delivered with its lockable gate including:
- a graduated 17.5 litre flat edge milk feed bucket with teat;
- a graduated 17.5 litre flat edge bucket.

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 51 40 | | |



XXL COMFORT CALF HUTCH PACK



Hatch providing a larger sleeping surface with a very functional ensemble thanks to its equipment optimising farmer work and animal welfare.

Model recommended for raising calves individually up to 2 months.
The XXL comfort pack comprises:
- 1 XXL two-layer calf hutch, length 2.10 m, width 1.36 m and height 1.28 m;
- a rear access hatch for straw
- a side access hatch for access to the double bucket holder;
Hatch installation to be done by the user as required.
- an interior double bucket holder fitted with two 12 l buckets.
- 1 galvanised pen, length 1.75 m, width 1.20 m, and height 0.87 m, designed with Ø 18 mm bars welded on a Ø 25 mm frame;
Delivered with its lockable gate including:
- a graduated 17.5 litre flat edge milk feed bucket with teat;
- a graduated 17.5 litre flat edge bucket.
The XXL comfort pack can be chosen with or without slatted floor.

| Slatted floor | Code Unit | € Ex. VAT | Packing Dealer |
|---------------|------------|-----------|----------------|
| Without | P113 51 45 | | |
| With | P113 51 47 | | |



Accessories → pages 92 and 93



• OPTIONS AND ACCESSORIES FOR XL AND XXL GROUP CALF HUTCHES

ACCESS HATCH WITH VENTILATION FLAP



Allow access to the interior of the hutch from the outside. Maximum of three flaps per XL and XXL hutch.
Access hatch with ventilation flap. Compatible with XL and XXL calf hutches. Adjustable and lockable to hutch. Fits at rear on right or left.

■ Material : polyethylene resin

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.65 | 0.05 | 0.60 | P113 51 53 | | |

FRONT DOOR WITH BUCKET HOLDER FOR XL AND XXL HUTCHES



Front door comprising:
- 1 folding holders for a graduated 17.5 l flat edge bucket.
- 1 holder for a milk feed bucket at the top with anti-head shake system;
Fits on recesses rotomoulded into the hutch. Compatible with XL and XXL calf hutches. Delivered without bucket.

■ Material : galvanised steel

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 1.02 | - | 0.81 | P113 51 51 | | 4 |

SINGLE GATE WITH BUCKET HOLDER

Single gate with non-folding bucket holder.
Use pins for fastening on the hutch side.
Opens to left or right.
Compatible with standard buckets or La Gée graduated flat edge bucket.
Compatible with MV, GV, XL, and XXL calf hutches.
Delivered without bucket.

■ Material : galvanised steel

■ Model : single

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.70 | 0.37 | 0.63 | P113 51 07 | | |

DOUBLE BUCKET HOLDER GATE

Double gate with non-folding bucket holder.
Use pins for fastening on the hutch side.
Opens to left or right.
Compatible with standard buckets or La Gée graduated flat edge bucket.
Compatible with MV, GV, XL, and XXL calf hutches.
Delivered without bucket.

■ Material : galvanised steel

■ Model : double

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.84 | 0.37 | 0.68 | P113 51 08 | | |

METALLIC HAY RACK FOR CALF HUTCH INTERIORS

Metallic hay rack with grille bottom.
Attaches inside the hutch at the rear or on the side under the recesses that can accommodate access hatches.



| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.60 | 0.24 | 0.34 | P113 51 59 | | |

INTERIOR DOUBLE BUCKET HOLDER

Bucket holder fitted with two flexible 12 l buckets.
Attaches inside the hutch at the rear or on the side under the recesses that can accommodate access hatches.
Compatible with XL and XXL calf hutches.



| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 0.62 | 0.33 | 0.80 | P113 51 55 | | |

50 L FEEDER

To be mounted outside the hutch in the locations provided for this purpose after cutting the polyethylene.
Feeder fitted with:
- a lid,
- partition grille for hay,
- a feed compartment at the bottom.
Compatible with GV, XL, XXL and group calf hutches.



| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 50 | 0.47 | 0.35 | 0.70 | P113 51 05 | | |

METALLIC PEN FOR XL AND XXL CALF HUTCHES



Pen features:
- 2 side panels with Ø 18 mm bars welded on a Ø 25 mm frame,
- 1 reversible (right/left) front door with lock fitted with a folding holder for a graduated 17.5 l flat edge bucket and a holder for a milk feed bucket at the top with anti-head shake system,
- 2 wheels Ø 150 mm.
Attaches directly to the hatch threshold.
Delivered without bucket. Only compatible with XL and XXL calf hutches.

■ Material : galvanised steel

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 1.75 | 1.20 | 0.87 | 2.10 | P113 51 61 | | |

GRADUATED FLAT EDGE BUCKET

Flat edge bucket graduated in litres

- Capacity : 17.5 l
- Color : white
- Material : injected PEHD
- Length : 37 cm
- Width : 33 cm
- Height : 27 cm
- Diameter handle : 5 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 17 | | |

FLEXIBLE BUCKET

Compatible with the interior double bucket holder.

- Material : injected resin
- Capacity : 12 l
- Diameter : 30 cm
- Height : 25 cm
- Diameter handle : 5 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 51 56 | | |

• OPTIONS AND ACCESSORIES FOR XXL CALF HUTCHES

REMOVABLE SLATTED FLOOR FOR XXL HUTCH

Floor can be used with or without straw bedding. Only compatible with XXL calf hutches.



1 pin attaches hutch, pen, and grating as a single monoblock ensemble;

Recesses on the grating receive the XXL hutch and provide perfect stability;

2 wheels for easy grating moving;



Anti-slip slots top, very effective for contact with animal hooves;



2 stabiliser feet for cleaning operations;

- Material : polyethylene resin

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 2.29 | 1.44 | 0,20 | P113 51 44 | | |

CALF NURSING BOTTLE

Calf bottle with nipple. Can be installed in the rotomoulded supports on the right and left of the XXL calf hutch.

| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 3 | 0.11 | 0.11 | 0.40 | P113 51 63 | | |



MILK FEED BUCKET

Design to nurse calves. Milk feed bucket graduated in litres. Fits directly on the front door in the factory fitted holder. Delivered with teat but without fastening support.

- Capacity : 17.5 l
- Color : white
- Material : injected PEHD
- Length : 37 cm
- Width : 33 cm
- Height : 27 cm
- Diameter handle : 5 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 51 26 | | |

NIPPLE FOR MILK FEED BUCKET


Suited to the morphology of calves for bucket nursing. Delivered with through wall Nipple already mounted on the bucket.



| Length cm | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-------------|------------|-----------|----------------|
| 14 | 33 | P113 51 27 | | |



GROUP CALF HUTCH

+PRODUCT  **Model recommended for raising six calves up to six months. Metal reinforcement bar with 2 lifting rings on the top to remove easily the hutch.**

One-piece rotomolded hutch in polyethylene, 7.2m², more flexible and less fragile than fiberglass.

Features:

- a wide 1.60 m opening;
- Metal reinforcement bar with two lifting rings for moving;
- 2 metal side posts;
- 1 metallic threshold for a better maintain of the litter;
- 3 adjustable ventilation hatches located at the rear at the top.

Air circulation in the hutch limiting condensation;

- Numerous side reinforcements;
- Inclination of upper walls for condensation flow;
- Multiple anchoring points around the edge of the hutch;
- External light opaque layer limits UV actions and helps improve in inner ambiance of the hutches;

Optional : metallic pen and up to 6 La Gée feeders 50 L.

■Material : Polyethylene



External light opaque layer limits UV actions and helps improve in inner ambiance of the hutches.



3 adjustable ventilation hatches located at the rear at the top.
Air circulation in the hutch limiting condensation



Upper part fitted with a lifting bar to easily move the hutch.



2 metal side posts



1 metallic threshold for a better maintain of the litter

| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 3 | 2.40 | 2.15 | 7.20 | P113 51 17 | | |

PEN FOR GROUP CALF HUTCH AT DETAIL



+PRODUCT  **Used to enclose the calves in the pen or the hutch during cleaning phases.**

- 5-bar (Ø 35 mm 10.5 m²) metal pen including :
- 2 fixed panels, length 2.70 m;
 - 1 fixed panel, length 1.35 m;
 - 1 fixed hoop, length 1.35 m with human/calf gate, length 0.80 m , extendable up to 2 m to enclose calves in the hutch;
 - 1 support stand for the headlock.
- Sturdy headlock fastening thanks to the lugs welded on the posts. Easy gate opening through a spring lock. Delivered without headlock.

■Material : Galvanised steel

| Surface area m ² | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|-----------------------------|----------|---------|----------|------------|-----------|----------------|
| 10.5 | 3.94 | 2.77 | 1.29 | P113 51 12 | | |

GROUP CALF HUTCH WITH PEN

+PRODUCT **Pen can be separated from the hutch. Headlock fully opens for cleaning.**

Features :

- Group calf hutch - 7.2m²,
 - 5-bar Ø 35 mm metal pen, 10.5 m², (same characteristics as the individual pen).
- During cleaning operations, two possibilities to enclose the calves :

A - either in the hutch using the extendable gate, Gate opening facilitated by a spring lock.

B - or in the pen using 2 small panels and the chains for closing. Delivered without headlock.



| Length m | Width m | Height m | Surface area m ² | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|-----------------------------|------------|-----------|----------------|
| 6.90 | 2.80 | 2.15 | 17.7 | P113 51 16 | | |

A Example : Pen cleaning with calves secured in the hutch.



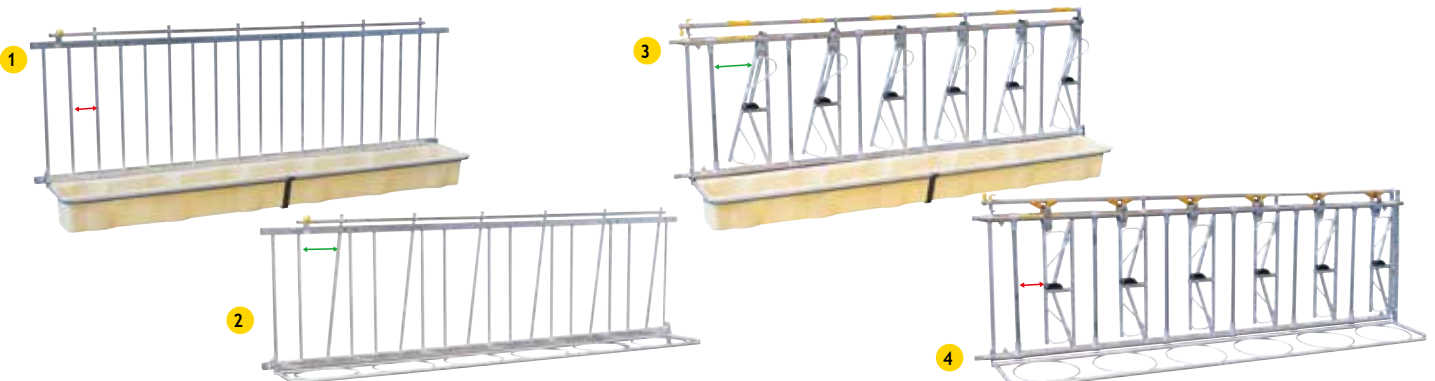
B Example : Hutch cleaning with calves secured in the hutch.



• 6 CALVES YOKE PANEL

+PRODUCT **Adapted to calf's morphology according to their age.**

Choice of two types of headlock adapted to the morphology of calves from 8 weeks till 5 or 6 months old to equip the group calf hutch pen.



WEANING CALF YOKE PANEL

Ideal for calves from 8 weeks to 3-4 months.
Weaning calf headlock with metal bucket holder. 6 calf.
128 mm fixed neck.
200 mm opening.
Simultaneous locking/unlocking of the six spaces.

- Number of places : 6
- Height : 0.86 m
- Length : 2.83 m

| Composition | Code Unit | € Ex. VAT | Packing Dealer |
|---|------------|-----------|----------------|
| 1 with resin bucket holder feed trough | P113 51 18 | | |
| 2 with metal bucket holder | P113 51 19 | | |

"JUNIOR COMFORT SR" CALF YOKE PANEL

Ideal for calves from 8 weeks to 5-6 months.
"Junior Comfort SR" 6 calf headlock.
125 to 175 mm adjustable neck.
200 to 250 mm opening.
Anti-choke system. Automatic mobile bar return to open position.
Simultaneous locking/unlocking of the six spaces or individually.

- Number of places : 6
- Height : 0.88 m
- Length : 3 m

| Composition | Code Unit | € Ex. VAT | Packing Dealer |
|---|------------|-----------|----------------|
| 3 with resin bucket holder feed trough | P113 51 20 | | |
| 4 with metal bucket holder | P113 51 21 | | |



• EXAMPLE OF A GROUP CALF HUTCH WITH PEN

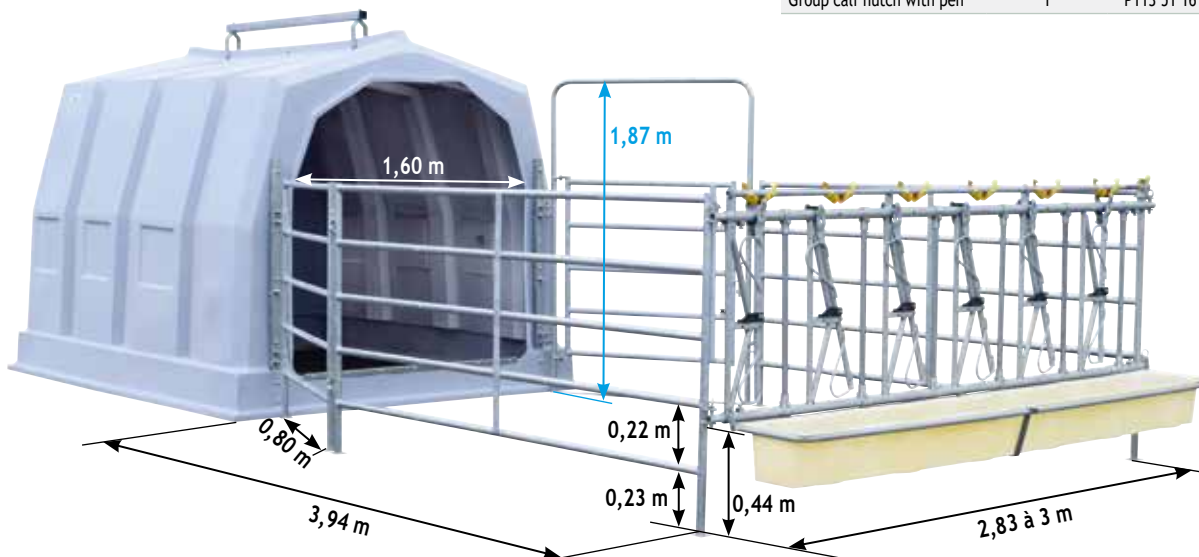
These examples fully comply with the European Directive in force. Possibility of installing in a row with juxtaposed hutches and pens.

GROUP CALF HUTCH WITH PEN - 17.7 M² - 6 CALVES

Group calf hutch with pen including:

- 1 group calf hutch,
- 1 galvanised metal pen,
- 1 "Junior Comfort SR" calf headlock with resin bucket holder feed trough - 6 calves.

| Description | Quantity to order | Code Unit | € Ex. VAT | Packing Dealer |
|---|-------------------|------------|-----------|----------------|
| Comfort headlock with bucket holder feed trough | 1 | P113 51 20 | | |
| Group calf hutch with pen | 1 | P113 51 16 | | |



Panel assembly thanks to the lugs welded on the posts.



Easy gate opening through a spring lock.

MILK FEED BUCKET HOLDER FOR WEANING YOKE PANELS



Holder for up to six milk feed buckets. Teat access depth adjustable every 50 mm. Only compatible with calf weaning headlocks.

| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|--------------|----------|------------|-----------|----------------|
| 2.38 | 0.38 to 0.48 | - | P113 51 22 | | |

MILK FEED BUCKET

- Capacity : 17.5 l
- Color : white
- Material : injected PEHD
- Length : 37 cm
- Width : 33 cm
- Height : 27 cm
- Diameter handle : 5 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 51 26 | | |

NIPPLE FOR MILK FEED BUCKET

Suited to the morphology of calves for bucket nursing. Delivered with through wall Nipple already mounted on the bucket.



| Length cm | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-------------|------------|-----------|----------------|
| 14 | 33 | P113 51 27 | | |

MOUNTING PLATE FOR DRINKER

Plate designed to our group calf hutch's barrier to fix a drinking bowl. Only compatible with Polyfirst PF1 / Polyself PF2 drinking bowls.



| Thickness mm | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|--------------|---------|----------|------------|-----------|----------------|
| 3 | 0.25 | 0.33 | P113 51 11 | | |

METALLIC HAY RACK WITH LID

Can be hung on group calf hutch pen barriers thanks to its four hooks. Hay rack with lid protecting the hay from the weather.

- Material : galvanised steel
- Capacity : 220l



| Length m | Width m | Height m | Capacity l | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|------------|-----------|----------------|
| 1.23 | 0.55 | 0.65 | 220 | P113 51 06 | | |

METALLIC SUSPENDED HAY RACK

Hay rack with gridded bottom. To be hooked on 5 rails gate

- Material : galvanised steel



| Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 1 | 0.56 | 0.85 | P113 51 13 | | |
| 2 | 0.56 | 0.85 | P113 51 14 | | |

50 L FEEDER

To be mounted outside the hutch in the locations provided for this purpose after cutting the polyethylene. Feeder fitted with:

- a lid,
 - partition grille for hay,
 - a feed compartment at the bottom.
- Compatible with GV, XL, XXL and group calf hutches.



| Capacity l | Length m | Width m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|------------|----------|---------|----------|------------|-----------|----------------|
| 50 | 0.47 | 0.35 | 0.70 | P113 51 05 | | |



• HYGIENE PRO CALF PEN

PRODUCT Simple and easy!
Patented.

Recommended for calf raising up to 2 months.
Modular and versatile.
Lightweight and easy to handle.
Sliding partitions to make cleaning and disinfection easy.
Their modularity makes it possible to create individual pens in line or back to back or group calf pens.

Each calf pen includes:

- 2 double-skin solid rotomolded polyethylene partitions.
- In accordance with the recommendations in force, they have two 500x100 mm windows positioned 900 mm from the foot of the animals following the indexation of the partition in the post, allowing physical and visual contact and limiting licking, sucking, and contact with droppings.
- For health reasons, these windows can be blocked by optional stainless steel hatches, thus transforming the pen into an infirmary or quarantine area.
- 4 reversible posts with large plate fixed to the ground, reinforced by Ø 35 mm galvanized metal frames.
- The posts allow the partition to be positioned at two heights depending on whether or not a slatted floor is used. It is also possible to make long and short pens to avoid any contact between calves.
- 1 reversible left/right stable front with adjustable neck,
- 1 reversible left/right rear gate.



Accessories pages 100 and 101

1a PARTITION FOR HYGIENE PRO CALF PENS IN A ROW

★★★★★
PATENTED



Partition for and Hygiene Pro calf pens in a line including:
- 2 reversible PE posts - Height : 2 m;
- 1 PE partition - Height: 1.20 m;
- 1 upper metal bar Ø 35 mm - Length: 2 m;
Assembly possible in long or short version.
Option: Slatted floor, Kit of 4 closing hatches.
Compatible with the stable front and rear gate.

| Length m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| 2 | P113 53 01 | | |

1b PARTITION FOR BACK TO BACK HYGIENE PRO CALF PEN

★★★★★
PATENTED




Partition for back to back Hygiene Pro calf pen including:
- 3 reversible PE posts - Height : 2 m;
- 2 PE partitions - Height : 1.20 m;
- 1 upper metal bar Ø 35 mm - Length: 4 m.
Assembly possible in long or short version.
Option: Slatted floor, Kit of 4 closing hatches.
Compatible with the stable front and rear gate.

| Length m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| 4 | P113 53 03 | | |

CALF HUTCHES AND PENS



2 HEADLOCK FRONT FOR HYGIENE PRO CALF PEN

+PRODUCT  **New adjustable neck.
Folding bucket holder.**

Opening and closing with a spring bolt.
Reversible (left/right) gate and adjustable height on posts.

Double-headlock front fitted with:

- 2 linking hoops, one front and one rear to fit into the posts and form a frame.
- Height clearance 1.85 m beneath the hoops. ;
- a lower closed part in sheet metal to limit bedding wastage;
- 2 mobile bars with spring return for optimised securing of calves;
- 2 round folding bucket holders to optimise pen space;
- 1 holder for a milk feed bucket at the top with anti-head shake system;



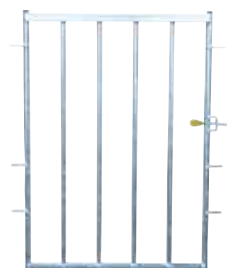
| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 08 | | |

Accessories  pages 100 and 101

3 REAR GATE FOR CALF PEN

Galvanised rear barred gate.
Opening and closing via spring loaded bolt.
Reversible left/right and adjustable height on posts.

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 09 | | |

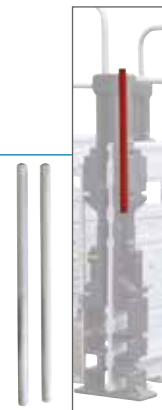


4 STABILISER TUBES FOR HYGIENE PRO CALF PENS END OF LINE

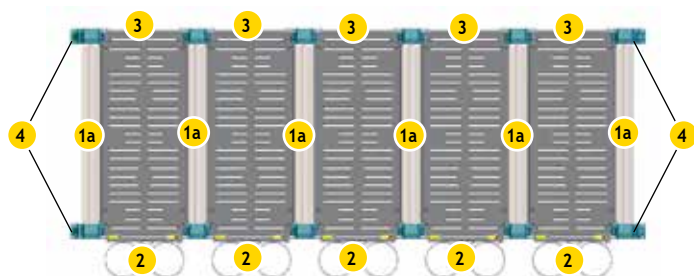
Pair of galvanised tubes for PE partition post. Only necessary for line starts and ends to assemble Hygiene PRO calf pens in islets.

■ Material : Galvanised steel

| Diameter mm | Length cm | Code The pair | € Ex. VAT | Packing Dealer |
|-------------|-----------|---------------|-----------|----------------|
| 35 | 76 | P113 53 05 | | |



EXAMPLE OF ISLET WITH FIVE CALF PENS IN A ROW



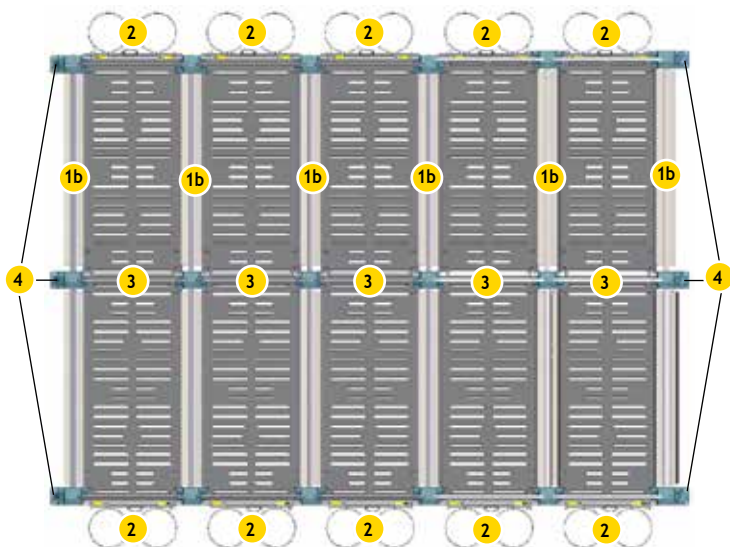
To install five calf pens in a line, the following is required:

- 6 partitions for Hygiene Pro calf pens in a line
- 5 stable fronts for Hygiene PRO calf pens
- 5 rear gates for Hygiene PRO calf pens
- 2 pairs of stabiliser tubes for Hygiene PRO calf pens

■ Assembly : line
■ Installation : islet
■ Total length : 5.41 m
■ Total width : 2.35 m

| Description | Quantity to order | Packaging | Code Unit | € Ex. VAT |
|---|-------------------|-----------|------------|-----------|
| 1a Partition for Hygiene PRO calf pens in a row | 6 | Unit | P113 53 01 | |
| 2 Stable front for Hygiene PRO calf pens | 5 | Unit | P113 53 08 | |
| 3 Rear gate for Hygiene PRO calf pens | 5 | Unit | P113 53 09 | |
| 4 Stabiliser tubes for Hygiene PRO calf pens | 2 | Pair | P113 53 05 | |

EXAMPLE OF ISLET WITH TEN CALF PENS ARRANGED BACK TO BACK



To install ten calf pens in a line, the following is required:

- 6 partitions for back to back Hygiene PRO calf pens
- 10 stable fronts for Hygiene PRO calf pens
- 5 rear gates for Hygiene PRO calf pens
- 3 pairs of stabiliser tubes for Hygiene PRO calf pens

■ Assembly : back to back
■ Installation : islet
■ Total length : 5.41 m
■ Total width : 4.54 m

| Description | Quantity to order | Packaging | Code Unit | € Ex. VAT |
|--|-------------------|-----------|------------|-----------|
| 1b Partition for back to back Hygiene Pro calf pen | 6 | Unit | P113 53 03 | |
| 2 Stable front for Hygiene PRO calf pens | 10 | Unit | P113 53 08 | |
| 3 Rear gate for Hygiene PRO calf pens | 5 | Unit | P113 53 09 | |
| 4 Stabiliser tubes for Hygiene PRO calf pens | 3 | Pair | P113 53 05 | |

Modular calf pens upon breeding methods

Calf pens with sliding partitions. Thanks to the modularity of our calf pens, you can adapt the pens length depending on the breeding needs.

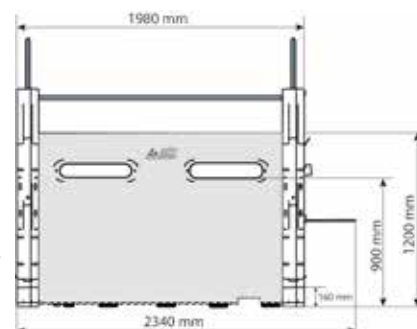
3 mounting configurations:

LONG VERSION PEN WITHOUT GRATING

The partition will come to the edge of the post in order to use the full partition's length and offer a bigger bedding space inside the pen. You will get an inside length of 1,90 m with a bedding surface of 1,80 m².

The partition is fitted in the lowest post notch and will be on the floor, the animals will enjoy the 900mm-high windows, following the European Union regulation.

Can be turned into a group pen



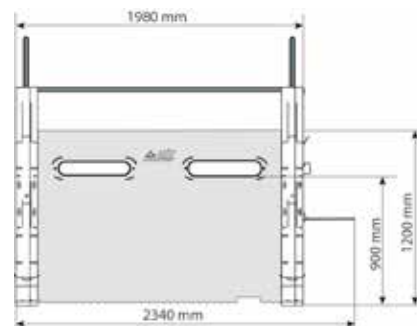
LONG VERSION PEN WITH GRATING

The partition will come to the edge of the post in order to use the full partition's length and offer a bigger space inside the pen.

You will get an inside length of 1,90 m with a bedding surface of 1,80 m². The slatted floor brings a better insulation from the ground.

The partition is fitted higher on the post and will fit on the strip, the animals still benefit from the 900mm-high windows, following the European Union regulation.

Can be turned into a group pen.

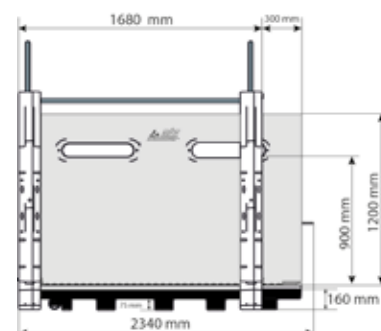


SHORT VERSION PEN WITH GRATING

The partition will exceed the post by 30 cm at the front. This 30 cm part will be a separation to avoid contacts between calves. You will get an inside length of 1,60 m with a bedding surface of 1,52m². The grating brings a better insulation from the ground.

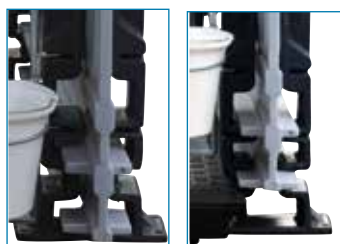
The partition is fitted higher on the post on factory-fitted support, the animals still benefit from the 900mm-high windows, following the European Union regulation. This version is recommended to create infirmary calf pen and isolate any calf from others.

Can not be turned into group pens.



Double height indexing on PE posts.

Allows to adapt partition's height depending on the use of gratings and strips between pens.



"PRO" HYGIENE PE SLATTED FLOOR



Disassembles in a flash, hygiene guaranteed!

This double-skin slatted floor is airtight. It can be added at any time to the PRO hygiene calf hutch.

Technical details:

- 75 mm clearance beneath the slatted floor for easy cleaning;
- side shape allows the passage of PE posts and partitions and the mounting of joining strip.

Only compatible with PRO Hygiene calf hutches.

Option : joining strip to create group calf pens.

■ Material : polyethylene resin

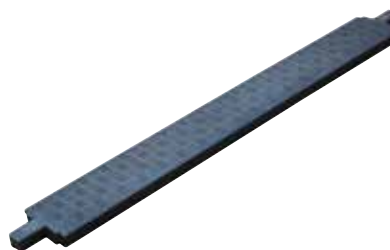
■ Width : 0.85 m

■ Length : 1.95 m

■ Height : 0.19 m

| Model | Code Unit | € Ex. VAT | Packing Dealer |
|---------------------------|------------|-----------|----------------|
| Hygiene PRO slatted floor | P113 53 11 | | |

"PRO" JOINING STRIP FOR HYGIENE FLOOR



Airtight double-skin strip.

Only used in long hutch version, without front anti-lick cheek, it can be:

- used as a base for the PE partition in its high position,
- fitted between two slatted floors instead of PE partitions, providing a uniform surface for scraping.

Only compatible with PRO Hygiene calf hutches.

■ Material : polyethylene resin

■ Width : 0.20 m

■ Length : 1.84 m

■ Height : 85 mm

| Model | Code Unit | € Ex. VAT | Packing Dealer |
|---------------------------|------------|-----------|----------------|
| Hygiene Pro joining strip | P113 53 13 | | |



Anti-slip chequer surface, very effective for contact with animal hooves; can be used with or without straw bedding;



slots in slatted floor allow natural cleaning of calves droppings;



8 staggered feet beneath slatted floor avoid blockage by long fibres during cleaning;



2 rear rollers Ø 80 mm make handling easy during cleaning and disinfection.



1 transport handle on lower front part.



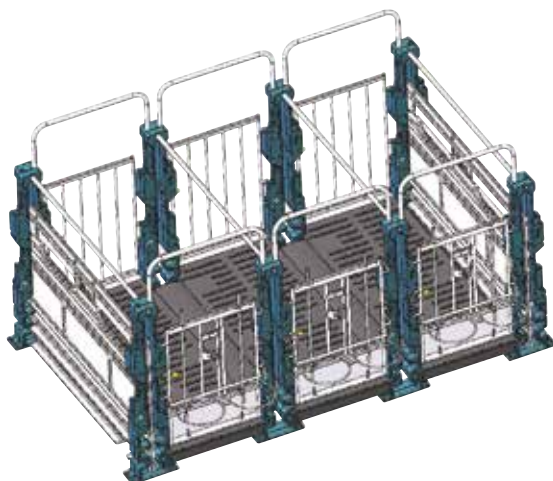
Side shape allows the passage of PE posts and partitions and the mounting of PE joining strips (option);



Strip end piece perfectly fits in PE posts in place of PE partitions, avoids any risk of hoof trapping.



Shape fits between two slatted floors placed in calf hutches instead of PE partitions.



• OPTIONS AND ACCESSORIES FOR CALF PENS

SET OF NUMBERED PLATES FOR HYGIENE PRO CALF HUTCHES

Attaches with the headlock front pin.
Set of metal plates includes:
- 10 galvanised plates
- 1 set of 10 stickers numbered:
1 to 10, 11 to 20, or 21 to 31.
Specify the set you want when ordering.
Stickers to be applied by your customer.



■Material : galvanised steel

| Length cm | Width cm | Height cm | Code Set | € Ex. VAT | Packing Dealer |
|-----------|----------|-----------|------------|-----------|----------------|
| 3.5 | 8 | 15 | P113 53 25 | | |

set of ten plates

DOUBLE HAY RACK FOR CALF HUTCHES



Double hay rack designed to simultaneously distribute hay to two calf hutches. Is placed and slots on the top of the partition. Can be placed at the front or back of the Hygiene PRO partition. Delivered as a kit.

■Material : galvanised steel
■Length : 0.59 m
■Width : 0.40 m
■Height : 0.41 m

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 19 | | |

ISOLATION HATCHES "PRO" FOR HYGIENE PE PARTITION

Set of 4 closing stainless steel hatches to be fastened onto calf hutch PE partitions. Allows you to easily transform a standard Hygiene calf hutch into an isolation hutch. Delivered with fastening screws.



■Material : Stainless steel

| Code Set | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 21 | | |

WALL FASTENING FOR CALF HUTCHES

Mounting plate that is only used to fasten the calf hutch front or rear gate to the wall. Recommended for calf hutches assembled in a line starting or ending at a wall. This pair of wall mountings cannot be used with calf hutches fitted with slatted floor. Fastening with Ø 10 mm stud bolt.



| Code Pair | € Ex. VAT | Packing Dealer | ■Fastening : wall | ■Material : galvanised steel |
|------------|-----------|----------------|-------------------|------------------------------|
| P113 53 23 | | | | |

MILK FEED BUCKET

Design to nurse calves. Milk feed bucket graduated in litres. Fits directly on the front door in the factory fitted holder. Delivered with teat but without fastening support.



■Capacity : 17.5 l
■Color : white
■Material : injected PEHD
■Length : 37 cm
■Width : 33 cm
■Height : 27 cm
■Diameter handle : 5 mm

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 51 26 | | |

NIPPLE FOR MILK FEED BUCKET

Suited to the morphology of calves for bucket nursing. Delivered with through wall Nipple already mounted on the bucket.



| Length cm | Diameter mm | Code Unit | € Ex. VAT | Packing Dealer |
|-----------|-------------|------------|-----------|----------------|
| 14 | 33 | P113 51 27 | | |

GRADUATED FLAT EDGE BUCKET

Flat edge bucket graduated in litres

■Capacity : 17.5 l
■Color : white
■Material : injected PEHD
■Length : 37 cm
■Width : 33 cm
■Height : 27 cm
■Diameter handle : 5 mm



| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P113 53 17 | | |



EXTRACT FROM THE OFFICIAL JOURNAL OF THE EUROPEAN UNION OF 15 JANUARY 2009.

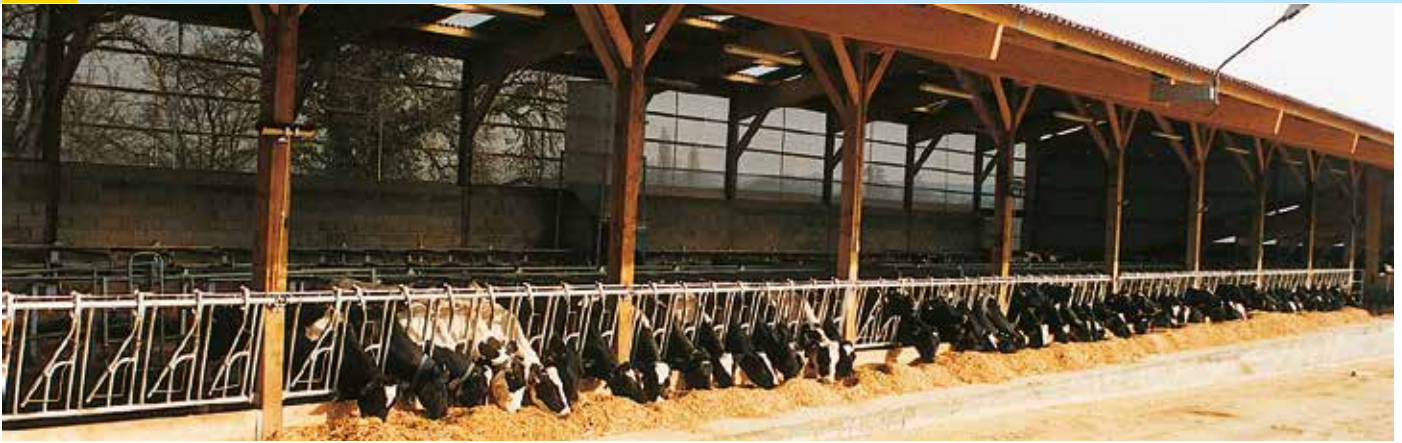
Extract from the Official Journal of the European Union of 15 January 2009.

Article 3 1) From the 1st January 1998, the following arrangements are applicable to all new or reconstructed farms, or those placed in service after this date.

- No calf shall be closed in an individual hutch after the age of 8 weeks unless a veterinary surgeon certifies that its state of health or behaviour requires that it be isolated for treatment. The width of any individual hutch shall be at least equal to the size of the calf at the withers, measured in the standing position, and with the length at least equal to the length of the calf measured from the tip of the nose to the caudal side of the ischial tuberosities, multiplied by 1.1. Each individual hutch for calves (with the exception of those intended for isolation of sick animals) must not be fitted with blank walls but have an aperture permitting visual and tactile contact between calves.
- For calves brought up in groups, the free space for each calf shall be at least equal to 1.50 m² for each calf of a live weight less than 150 kg, and at least 1.70 m² for each calf with a live weight greater than 150 kg but less than 220 kg and at least 1.80 m² for each calf with a live weight equal to or greater than 220 kg.

NOTE... If the contact between the calves is too great, the housing in individual pens no longer meets its objective of sanitary separation and may call into question the interest of such a mode of housing.





Livestock buildings and windbreaks

Ventilation... without draughts!

Animals excrete water vapour and carbon dioxide, and bedding gives off ammonia and water vapour.

To maintain a healthy environment, these gases and humidity need to be eliminated, using large draught-free openings to circulate air and ensuring that the number of animals is appropriate to the size of buildings (See table of recommended volumes of air for each type of ruminant).

THE BENEFITS OF VENTILATION AND THE USE OF WINDBREAKS

Zootechnical results are directly dependent on animal welfare. This means that they must not be exposed to bad weather (wind, rain, draughts, etc.). The cost-effective solution to maintaining good rearing conditions is to use windbreaks.

In calm weather, the building's natural ventilation is via the chimney effect (the air is heated, then circulates from the lower entrances to the exits located at the top of the building).

In bad weather, the effect of the wind combines with the chimney effect (the air circulates at high speed from the side openings towards the top of the building and the opposite openings), creating air currents that are harmful to the animals.

*Air speed (CEMAGREF [French Research Institute for Agricultural and Environmental Engineering] data):

"To ensure that an animal naturally protected by its own dry coat does not feel the winter cold, the speed of ventilation at sub-zero temperatures must not exceed:

- 0.25 m/second for a calf or lamb
- 0.50 m/second for an adult".

CALCULATING EFFECTIVENESS

Reducing draughts is therefore essential.

The windbreak will be chosen according to its effectiveness (E) in reducing draughts in order to protect the animal.

It is calculated as follows: $E = 1 - \text{residual speed}/\text{initial speed}$.

A very exposed site requires a high efficiency if the animals are located close to the windbreak, and a lower efficiency if they are further away from it. An efficiency of 0.8 to 0.9 is retained for calves or for young animals on an exposed site and 0.7 to 0.8 for adults, regardless of the animal species.

If the windbreak is located more than 4 metres from the animals' living area, a product with an efficiency of 0.5 to 0.6 can be used.

MULTIPLIER COEFFICIENT PRINCIPLE OF USE

Windbreak effectiveness affects air circulation. However, it must also allow for sufficient air change in calm weather. CEMAGREF has calculated the fresh air inlet and outlet surface areas by animal type (Table 1) for a building that is ventilated by a non-mechanised chimney effect.

This air inlet is protected by windbreaks and reduces the air flow; it is therefore essential to compensate by increasing the air inlet surface area. The MC (obtained from studies by the FARM BUILDINGS DEVELOPMENT CENTRE IN READING and CEMAGREF) is a Surface Multiplier Coefficient which makes it possible to calculate the new protected area based on a free opening surface area (see Table 1).

| 1 OPENING SURFACE AREA BY RUMINANT TYPE (CEMAGREF DATA) | | | |
|--|---------------------|----------------------|--|
| Type of ruminant | Air inlet | Air outlet | |
| - Producing dairy cow > 7000 l/year | 0.30 m ² | 0.15 m ² | |
| - Average producing dairy cow > 5000 l/year | 0.24 m ² | 0.12 m ² | |
| - Nursing cow + her calf | | | |
| - Bull calf, max. weight 400 kg | | | |
| - 400 kg heifer calf | 0.16 m ² | 0.008 m ² | |
| - Dry cow | | | |
| - Male juvenile cattle, max. 400 kg | | | |
| - 200 kg heifer calf | 0.08 m ² | 0.04 m ² | |
| - 150 kg breeding calf in a specific building | | | |
| - 150 kg veal calf | | | |
| - Meat ewe and lamb Weaning before 5 months, prolificacy: 1.5 | | | |
| - 150 kg breeding calf in the nursery building | 0.06 m ² | 0.03 m ² | |
| - Feeder lamb and breeding lamb | | | |
| - Meat ewe and lamb Weaning before 2 months, prolificacy: 1.5 | | | |
| - 50 kg breeding calf | 0.04 m ² | 0.02 m ² | |
| - Feeder lamb and breeding lamb | | | |

| RECOMMENDED VOLUME OF AIR BY RUMINANT TYPE (CEMAGREF DATA) | | | | | | | |
|--|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Volume of air | New-born calves | Breeding calves | Heifer calves | Bull calves | Dairy cow | Nursing cow | Ewe Lamb |
| | 50 kg | < 200 kg | 200/500 kg | 450 kg | 600/750 kg | 600/750 kg | 70 kg |
| Minimal | 5 m ³ | 8 m ³ | 15 m ³ | 20 m ³ | 20 m ³ | 25 m ³ | 8 m ³ |
| Optimal | 7 m ³ | 12 m ³ | 20 m ³ | 25 m ³ | 30 m ³ | 35 m ³ | 10 m ³ |

• WINDBREAK NETTING

Based on our research and the recommendations of ITEB-CEMAGREF, we have developed a unique netting design: Bands of netting secured crosswise by mesh made of round wire and reinforced by a series of button holes spaced at 50 cm intervals. This textile consists of a two-part structure that combines a layer of HDPE monofilament mesh with a weft of interwoven strips.

This two-part structure undergoes a high-temperature heat treatment to prevent the threads from becoming twisted together, and to ensure that the product fully retains its original dimensions.

The exceptional durability of this windbreak netting in the wind is achieved thanks to the tensile strength provided to the polyamide yarns by the buttonhole reinforcements.

This polyamide fibre provides the elasticity needed to prevent the net from tearing and to allow it to recover its original tensile properties (if installed in accordance with our specifications).



WIND BREAK NET TING WITH 65% SCREENING

+PRODUCT Prevents 65% of wind penetration. Rot-proof. UV resistant. Frost resistant.

- Multiplier coefficient: 1.9
- Composition: Polyethylene
- Design: Vertical flat bands and knitted round yarns to create the mesh grid
- Maintenance: High-pressure washing
- Colour: Green



| Length m | Packaging | Height m | Code Roll Windbreak netting, 65% | € Ex. VAT | Packing Dealer |
|----------|-----------|----------|----------------------------------|-----------|----------------|
| 25 | Bag | 1 | P114 03 11 | | |
| | | 1.5 | P114 03 13 | | |
| | | 2 | P114 03 15 | | |
| | | 3 | P114 03 17 | | |
| 50 | Roll | 1 | P114 03 19 | | |
| | | 1.5 | P114 03 21 | | |
| | | 2 | P114 03 23 | | |
| | | 3 | P114 03 25 | | |
| 100 | Roll | 1 | P114 03 01 | | |
| | | 1.5 | P114 03 03 | | |
| | | 2 | P114 03 05 | | |
| | | 3 | P114 03 07 | | |

WIND BREAK NET TING WITH 80% SCREENING

+PRODUCT Prevents 80% of wind penetration. Rot-proof. UV resistant. Frost resistant.

- Multiplier coefficient: 2.5
- Composition: Polyethylene
- Design: Vertical flat bands and knitted round yarns to create the mesh grid
- Maintenance: High-pressure washing
- Colour: Green



| Length m | Packaging | Height m | Code Roll Windbreak netting, 80% | € Ex. VAT | Packing Dealer |
|----------|-----------|----------|----------------------------------|-----------|----------------|
| 25 | Bag | 1 | P114 05 11 | | |
| | | 1.5 | P114 05 13 | | |
| | | 2 | P114 05 15 | | |
| | | 3 | P114 05 17 | | |
| 50 | Roll | 1 | P114 05 19 | | |
| | | 1.5 | P114 05 21 | | |
| | | 2 | P114 05 23 | | |
| | | 3 | P114 05 25 | | |
| 100 | Roll | 1 | P114 05 01 | | |
| | | 1.5 | P114 05 03 | | |
| | | 2 | P114 05 05 | | |
| | | 3 | P114 05 07 | | |

WINDBREAK FABRIC

+PRODUCT Prevents 85% of wind penetration. Tear resistance.

Suitable for all types of installation.

It is made using woven high-resistance polyester with a flexible PVC coating, giving it a very high resistance to tearing, deformation, rolling up and ageing.

It has the advantage of being 'cleavable' in any place without the risk of tearing or fraying at the cuts. It can be attached by nailing to fastening strips.



- Screening: 85 %
- Composition: Polyester
- Maintenance: High-pressure washing
- Design: PVC-coated weave
- Colour: Green
- Packaging: Roll

| Length m | Height m | Code Roll | € Ex. VAT | Packing Dealer |
|----------|----------|------------|-----------|----------------|
| 25 | 2 | P114 01 03 | | |
| | 3 | P114 01 05 | | |
| 50 | 2 | P114 01 09 | | |
| | 3 | P114 01 11 | | |



BUILDING AND SILAGE PROTECTION



A set of accessories is available to enable easy fastening of windbreaks. Their specific design is reliable and long-lasting, while facilitating the various assemblies. They are specially designed to enable simplified, fast and modular assembly.

FIXED INSTALLATION FOR WINDBREAK FABRICS AND NETS

TIGHTENING YARN

This polyamide yarn is designed to be threaded through the buttonholes of windbreak netting. It is designed to allow for stretching of up to 3%, enabling it to remain taut even after gusts of wind.
100 m spool

- Length: 100 m
- Diameter: 3 mm

| Code Spool | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P114 19 01 | | |



FASTENING STRIP

To be nailed in place with large-headed nails; it helps to secure permanent windbreaks.
25 m spool

- Length: 25 m
- Width: 30 mm
- Thickness: 3 mm
- Colour: Black

| Material | Code Spool | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| HDPE | P114 19 03 | | |



LINEAR DISPLAY UNIT, 1 M

For our fabrics, netting and accessories. This display stand can be used either as a stand-alone unit or as part of a longer display. Composed of:
- Metal base,
- Display bar,
- POS and PLV.

| Length m | Depth m | Height m | Code Unit | € Ex. VAT | Packing Dealer |
|----------|---------|----------|------------|-----------|----------------|
| 1 | 0.6 | 0.25 | P114 99 03 | | |



DETACHABLE INSTALLATION FOR WINDBREAK FABRICS AND NETS

PLASTIC HOOKS FOR BUNGEE CORDS

For securing bungee cords.

| Material | Code Bag | € Ex. VAT | Packing Dealer |
|--------------|------------|-----------|----------------|
| Polyethylene | P114 21 21 | | |

Bag of 25 hooks



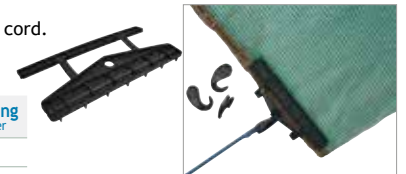
CLIP-ON CLAMP

Long clip with hook for bungee cord.

- Material: Plastic
- Colour: Black

| Code Bag | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P114 21 19 | | |

Bag of 25 clips



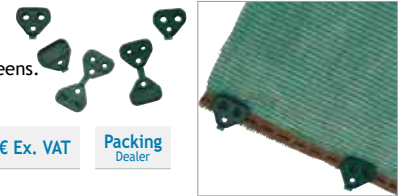
QUICK CLAMP WITH 2 LUGS

Designed for bungee cords. Replaces grommets when installing removable screens.

- Colour: Green

| Material | Code Bag | € Ex. VAT | Packing Dealer |
|----------|------------|-----------|----------------|
| Plastic | P114 21 23 | | |

Bag of 25 clips



ZINC-PLATED HOOKS FOR FASTENING BUNGEE CORDS

Enables bungee cords to be attached to fixed points on walls.

| Material | Code Bag | € Ex. VAT | Packing Dealer |
|-------------------|------------|-----------|----------------|
| Zinc-plated steel | P114 21 11 | | |

Bag of 25 hooks



E LASTIC BUNGEE CORD

50 m coil

- Diameter: 9 mm
- Length : 50 m
- Colours: Navy blue

| Code Coil | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P114 21 09 | | |



FLEXIBLE PVC STRIP CURTAIN



Provides improved protection for passageways and gates in windy conditions. UV and frost resistant.

This system enables animals and equipment to pass through more easily while minimising draughts. It eliminates the need for gates. This investment quickly pays for itself, as it allows improved temperature control in buildings, boosts animal productivity and saves time opening and closing doors.

GUIDELINES FOR CHOOSING THE RIGHT MODEL (THICKNESSES AND WIDTHS):
 200 x 2 mm rolls are recommended for interior doors through which people pass.
 300 x 3 mm rolls are recommended for animals and wide doors.
 400 x 2 mm rolls are recommended for use with machinery.

OVERLAP GUIDELINES:

To ensure that PVC curtains are as effective as possible, we strongly recommend that the strips should overlap by at least 5 cm.
 For openings higher than 3 m, or those exposed to the wind, we recommend increasing the overlap to 10 cm.

- Composition: PVC
- Design: Rounded edge
- Maintenance: High-pressure washing
- Colour: Transparent

| Width mm | Thickness mm | Model | Code Roll | € Ex. VAT | Packing Dealer |
|----------|--------------|-----------------|------------|-----------|----------------|
| 200 | 2 | Reinforced | P114 17 01 | | |
| 300 | 3 | Reinforced | P114 17 03 | | |
| | 3 | Extreme cold ❄️ | P114 17 11 | | |
| 400 | 2 | Reinforced | P114 17 05 | | |

Roll of 25 m



We recommend hanging the curtains using “S” shaped hooks, which can break if the material is pulled too hard. It is also easier to disassemble, if required, during good weather.

FASTENER BAR FOR PVC STRIP CURTAINS

Quick-release metal fastening bar.

- Material: Steel
- Length: 1 m

| Code Unit | € Ex. VAT | Packing Dealer |
|------------|-----------|----------------|
| P114 17 07 | | |



Number of strips to be installed, depending on the model, overlap and length of the system

| Strap models Width x thickness | Strip overlap | Length of system required | | | | |
|-----------------------------------|---------------|---------------------------|-----|-----|-----|-----|
| | | 1 m | 2 m | 3 m | 4 m | 5 m |
| 200 x 2 mm | 50 mm | 7 | 13 | 20 | 26 | 30 |
| | 100 mm | 4 | 8 | 12 | 16 | 20 |
| 300 x 3 mm | 50 mm | 5 | 10 | 15 | 20 | 25 |
| | 100 mm | 3 | 6 | 9 | 12 | 15 |
| 400 x 2 mm | 50 mm | 3 | 7 | 10 | 14 | 17 |
| | 100 mm | 3 | 7 | 10 | 14 | 17 |

How to determine the length of strips and the number of rolls required for a given system?

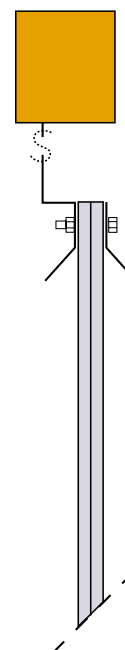
| Steps to follow: | Example |
|---|-----------|
| Step 1 : Determine the width of system required | 300 mm |
| Step 2 : Determine the overlap of the strips required | 50 mm |
| Step 3 : Determine the length of system required | 5 m |
| Step 4 : Number of strips to be installed | 20 strips |
| Step 5 : Determine the height of the system | 2.50 m |

HOW TO CALCULATE

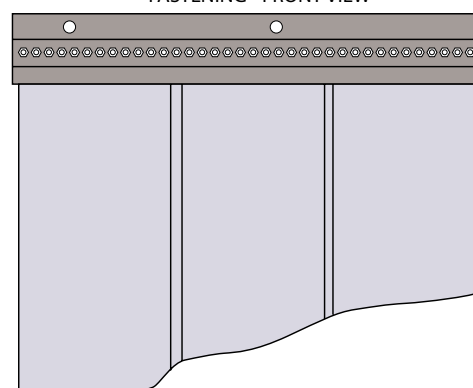
20 strips x 2.5 m system height = 50 m of strips

You will need two 25 m rolls (1 roll is 25 m long)

FASTENING - SECTIONAL VIEW



FASTENING - FRONT VIEW



• **AGRICULTURAL ADHESIVE TAPES**

These adhesive tapes are for agricultural use and have been designed for complete user satisfaction. Thanks to their strong adhesive properties, they are suitable for a wide range of applications. Made from PVC, they are frost and UV resistant. Their size has been designed to meet different needs and uses, such as for repair, silage clamp cover tarpaulins, and protective film for wrapping round bales, as well as for various repairs on buildings and equipment.

MULTIPURPOSE AGRICULTURAL ADHESIVE TAPE



| Width mm | Length m | Colour | Code Unit | € Ex. VAT | Packing Dealer |
|----------|----------|--------|------------|-----------|----------------|
| 50 | 33 | Orange | P114 35 01 | | |

Supplied in a box of 36 rolls.

REINFORCED AGRICULTURAL ADHESIVE TAPE



The long-lasting, reinforced adhesive tape is made from an adhesive-coated fabric, which gives it a holding force superior to other models. This means that the tape will work better under mechanical stress.

| Width mm | Length m | Colour | Code Unit | € Ex. VAT | Packing Dealer |
|----------|----------|--------|------------|-----------|----------------|
| 75 | 25 | Grey | P114 35 07 | | |

Supplied in a box of 16 rolls

AGRICULTURAL ADHESIVE TAPE FOR GREENHOUSES



| Width mm | Length m | Colour | Code Unit | € Ex. VAT | Packing Dealer |
|----------|----------|-------------|------------|-----------|----------------|
| 100 | 20 | Transparent | P114 35 11 | | |

Supplied in a box of 16 rolls

AGRICULTURAL ADHESIVE REPAIR TAPE (BLACK)



Used to repair silage tarps and wrapping films.

| | Width mm | Length m | Colour | Code Unit | € Ex. VAT | Packing Dealer |
|---|----------|----------|--------|------------|-----------|----------------|
| 1 | 75 | 20 | Black | P114 35 05 | | |
| 2 | 100 | 20 | Black | P114 35 09 | | |
| 3 | 150 | 20 | Black | P114 35 13 | | |

Supplied in a box of 16 rolls

AGRICULTURAL ADHESIVE REPAIR TAPE (GREEN)



Ideal for repairing silage tarps and wrapping films.



| | Width mm | Length m | Colour | Code Unit | € Ex. VAT | Packing Dealer |
|--|----------|----------|--------|------------|-----------|----------------|
| | 75 | 20 | Green | P114 35 03 | | |

Supplied in a box of 16 rolls



Silage and feed

The quality of silage storage is a key factor in meeting milk quality requirements. To ensure long-term storage quality, it is essential to invest in silo covers and bags to protect stocks.

THE BENEFITS OF PROTECTING SILAGE AND FEED

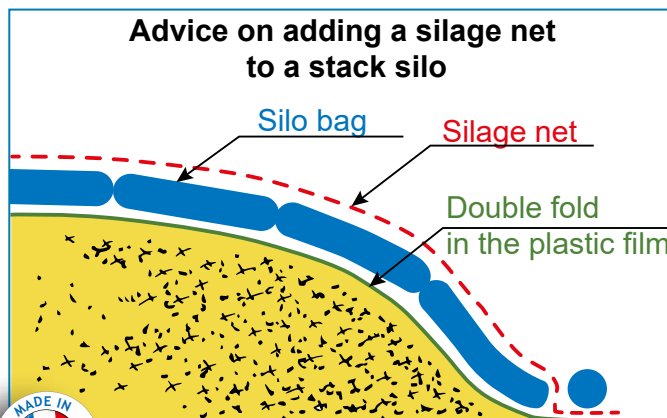
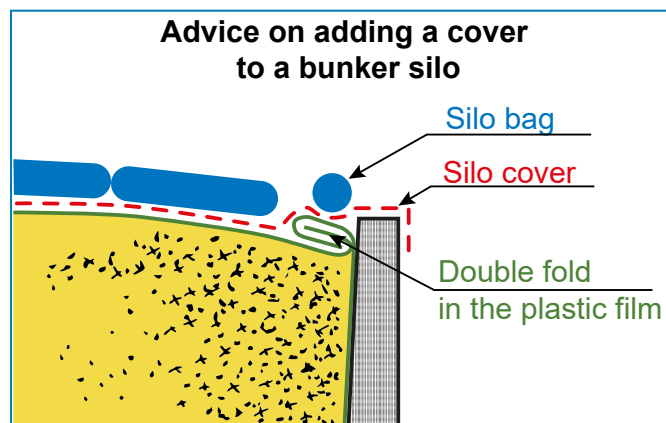
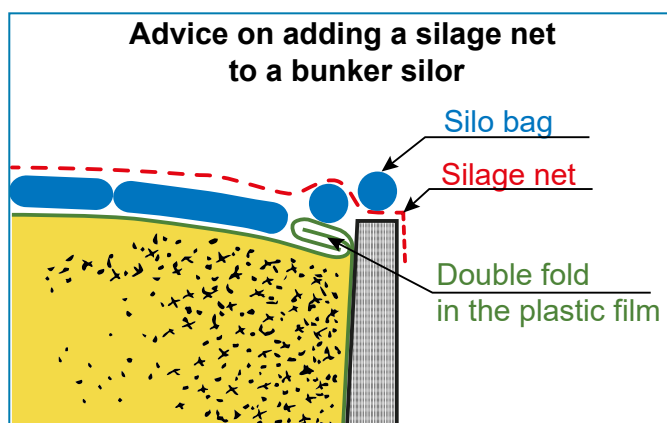
It is essential for ensuring silage stability during storage and consumption. It is therefore essential to retain the airtightness of the silage clamp, to maintain the pH and guarantee good sanitary conditions.

- 1- Ensuring the stability of the silage pH means avoiding the resumption of fermentation and preventing any development of butyric bacteria:
 - inside the silage clamp, by using suitable items (cover, net, gravel bag, etc.),
 - on the face, through regular and frequent silage consumption.
- 2 - Ensuring proper sanitary conditions, means using heavy-duty protective materials to prevent it from being contaminated by soil, stagnant water or animals. The bigger the farm, the larger the height and volume of the silage clamps. A tear in the tarpaulin forms an expansion cone inside the clamp, which can have serious consequences: several tonnes of silage can be lost per hole.

SILAGE IS ESSENTIAL

Proper storage is thus a vital issue for farmers. Different protection options can optimise it:

- a quick and affordable choice of installation at any time of year with repellent netting remains a satisfactory solution in the short term,
- the choice of a long-term investment, with reusable, high-strength silage clamp covers, remains an even more efficient and cost-effective solution.



PROTECTIVE NETTING FOR SILOS AND STORAGE BUILDINGS



Affordable protection !

Silage quality has an impact on the zootechnical results of dairy farming. That's why it's vital that it is properly stored. The silage net is a quick and affordable way to ensure that plastic films are protected against birds.

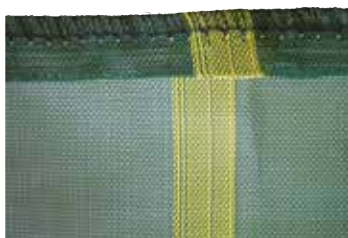
It is rot-proof, UV-stabilised frost-resistant. Rolled up in a large bag, it is easy to handle and quick to install. These nets must be placed on the gravel bags, which have already been positioned on the plastic film, in order to create an empty space between the net and the plastic film. When tightly stretched, the net acts as an effective bird repellent.

■ Composition : Polyethylene ■ Mesh : 32x32 mm

| Length m | Width m | Code Bag | € Ex. VAT | Packing Dealer |
|----------|---------|------------|-----------|----------------|
| 12 | 10 | P114 25 01 | | |
| 20 | 10 | P114 25 07 | | |
| | 12 | P114 25 03 | | |
| 25 | 8 | P114 25 11 | | |
| | 10 | P114 25 09 | | |
| | 12 | P114 25 05 | | |



SILAGE CLAMP COVER



**For effective protection of plastic film used to cover silage !
Cover guaranteed for 10 years under normal use.**



Silage quality has an impact on the zootechnical results of dairy farming.

That's why it's vital that it is properly stored. Our silage clamp covers are very robust and effectively protect the plastic film covering the silage from birds and other small animals. In addition, its high mechanical strength can support both operator passage and the weight of a bovine hoof without damaging the plastic film and the silage.

A cover that is properly handled and stored can be reused for more than ten years.

In order to properly preserve the silage, it is important not to use earth, sand or tyres to weight down the plastic film (risk of stagnant water and foreign bodies).

Our covers, placed directly onto the plastic film and anchored with specific gravel bags, make it possible to optimise this preservation.

Finished with a welded and sewn reinforced edging, along with pre-fitted silo bag lashing straps on the top. Rot-proof, frost-resistant UV-stabilised silage clamp cover.

■ Composition : Polyethylene ■ Design : Woven round yarn
 ■ Weight : 225 m² ■ Colour : Green
 ■ Maintenance : High -pressure washing

| Length m | Width m | Code Bag | € Ex. VAT | Packing Dealer |
|----------|---------|------------|-----------|----------------|
| 12 | 10 | P114 23 23 | | |
| 14 | 16 | P114 23 29 | | |
| 15 | 10 | P114 23 25 | | |
| | 12 | P114 23 27 | | |
| 18 | 15 | P114 23 31 | | |
| 8 | 10 | P114 23 19 | | |

For specific sizes and quantities, please contact us.





• SILAGE GRAVEL BAG

To ensure that the silage is correctly stored, it is essential to maintain silo airtightness, to prevent the fermentation gases from escaping and the air from getting in. It is also necessary to prevent any pollution with earth, stagnant tyre water, etc. This small piece of equipment is easily paid for itself as it can be reused for several years. Additionally, gravel bags are an effective way to control the level of cleanliness and the sanitary qualities of the silage.

Filling :

These bags should be filled with gravel or washed sand (not sea sand).

The bags must not be completely filled to make room for changes to sand volume (frost and hydrometric variation).

Use:

Closed silo: arrange the gravel bags all around the perimeter as well as on the transverse strips every 2 to 3 m depending on the height of the silo.

Open silo (face): place the gravel bags in 2 rows, 20 to 30 cm apart. This ensures that the clamp is perfectly sealed when transfer ring (moving the first row behind the second).

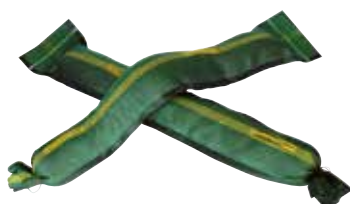
Storage when not in use: Gravel bags are best stored on a pallet to facilitate handling when picking them up and to shelter them from the sun to delay ageing.



STANDARD SILAGE GRAVEL BAG



Integrated closing cord and carrying handle.



- Composition : Polyethylene
- Design : Woven mesh. Standard weft in round and flat yarn
- Colour : Green and yellow
- Length : 1.20 m
- Width : 0.25 m

| Packaging | Code Pack | € Ex. VAT | Packing Dealer |
|-----------------------------------|------------|-----------|----------------|
| Pack of 25 bags | P114 31 01 | | |
| 25 bags packaged in a display box | P114 31 04 | | |
| Blister pack of 25 bags | P114 31 03 | | |



REINFORCED SILAGE GRAVEL BAG



Integrated closing cord and carrying handle.



- Composition : Polyethylene
- Design : Woven mesh. Standard weft in round yarn.
- Colour : Black and yellow
- Length : 1.20 m
- Width : 0.27 m

| Packaging | Code Roll | € Ex. VAT | Packing Dealer |
|-----------------------------------|------------|-----------|----------------|
| 25 bags packaged in a display box | P114 29 01 | | |
| 25 bags packaged in box | P114 29 00 | | |
| Blister pack of 25 bags | P114 29 03 | | |





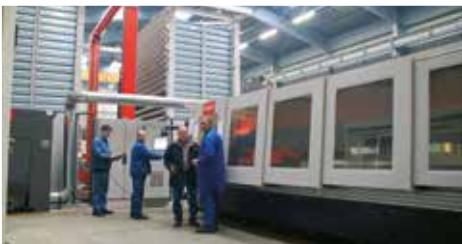
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