

LA BUVETTE®



The Specialist in Livestock Drinking Solutions

HORSE CATALOGUE 2025



Drinkers
Frost-free Solutions
Connected Solutions
Autonomous Pumping
Stable Equipment

Since 1907



FOCUS ON

THE ESSENTIAL

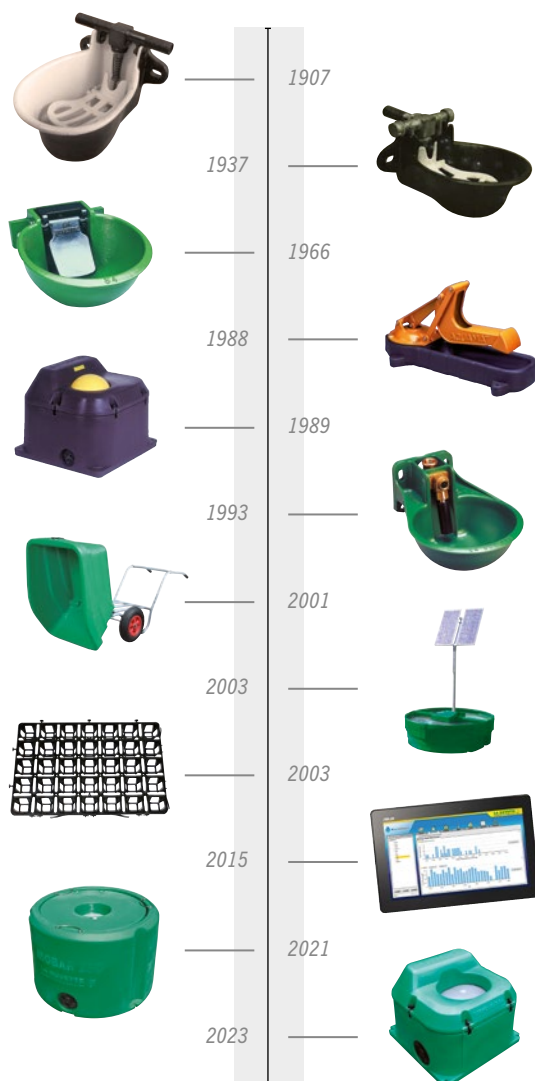


The first automatic waterers were designed to meet the needs of the millions of horses that were essential to the daily lives of people at the beginning of the 20th century. Since then, we have continued to develop our systems to ensure that each horse has access to the water essential to its health and well-being, whatever the circumstances.

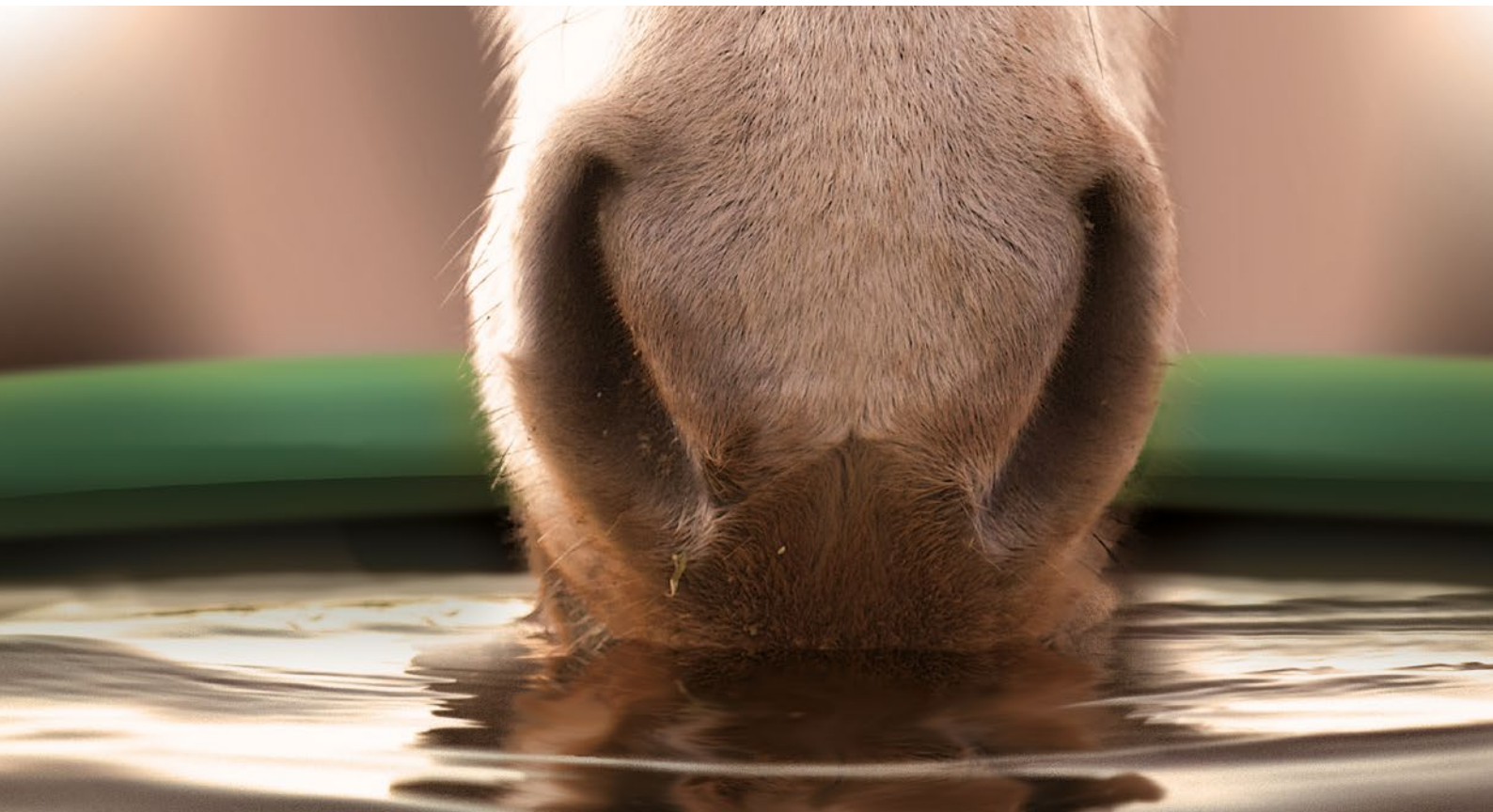


Éric MOREAUX, President

For over 115 years, LA BUVETTE has been designing and mass-producing equipment for livestock around the world. Located near Charleville-Mézières in the French Ardennes, it employs around fifty people. Quality, Innovation and Service are its core values.








Contents



OUR ADVICE

<u>Water, essential for horses in a few figures</u>	p. 3
<u>Indoor Drinking Solutions</u>	p. 4
<u>Protect water pipes from freezing</u>	p. 16
<u>Outdoor Drinking Solutions / Active Stables</u>	p. 28
<u>Where to find our products and pieces</u>	p. 49

KEY

	<i>Possible directions of water supply</i>
	<i>Electric heating system</i>
	<i>Antifreeze system without electricity</i>
	<i>Compatible with antifreeze circulation loop</i>
	<i>Compatible with Active Stables</i>

STABLE

<u>Watering in boxes and stalls</u>	p. 4
<u>Protecting water pipes</u>	p. 16
<u>Connected watering monitoring</u>	p. 20
<u>Box feeders</u>	p. 22
<u>Feed storage and distribution</u>	p. 24
<u>Maintenance equipment</u>	p. 26

MEADOW & Paddock

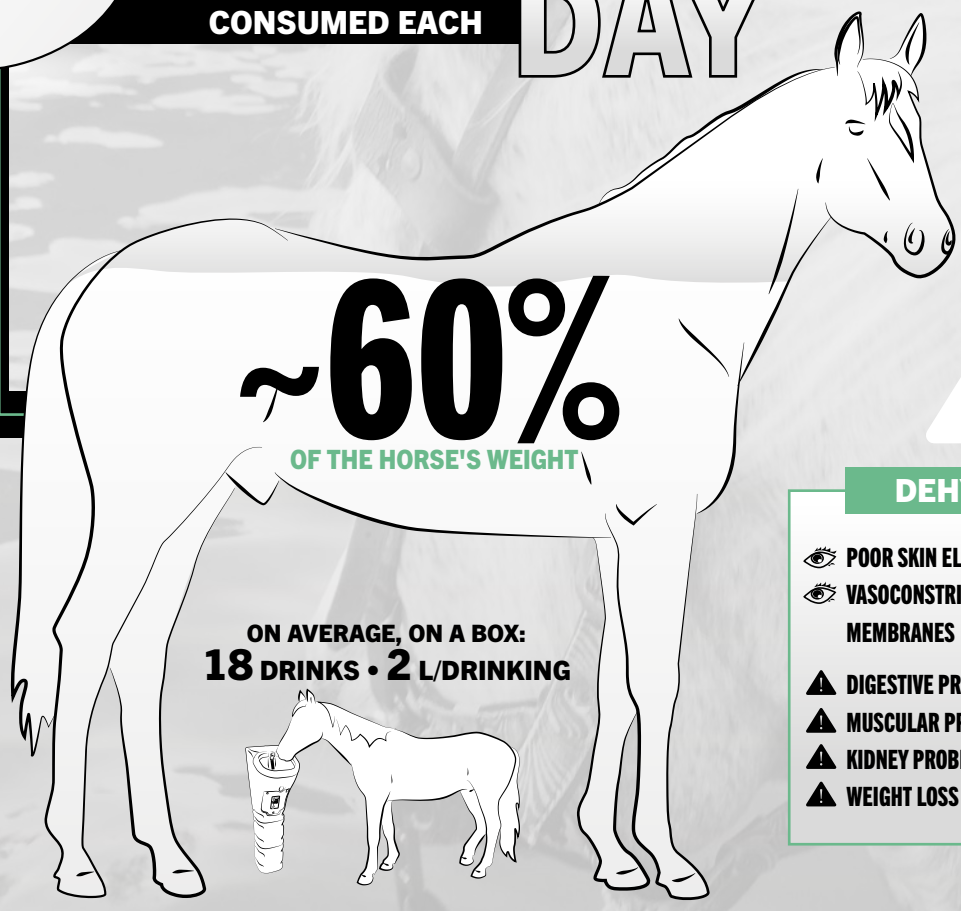
<u>Outdoor watering / Active stables</u>	p. 28
<u>Pumping systems</u>	p. 40
<u>Tanks and connected gauges</u>	p. 42
<u>Soil stabilisation</u>	p. 44
<u>Feed racks and troughs</u>	p. 46
<u>Maintenance equipment</u>	p. 48

WATER

THE HORSE'S NUMBER ONE NUTRIENT



BETWEEN **15** AND **65 LITRES**
CONSUMED EACH **DAY**



ON AVERAGE, ON A BOX:
18 DRINKS • 2 L/DRINKING



DEHYDRATION

- POOR SKIN ELASTICITY**
- VASOCONSTRICTION OF MUCOUS MEMBRANES**
- DIGESTIVE PROBLEMS (COLIC)**
- MUSCULAR PROBLEMS (BLOOD CLOTS)**
- KIDNEY PROBLEMS**
- WEIGHT LOSS**

80%

OF DRINKS OCCURS DURING THE DAY



RISK OF FROST AT NIGHT

7 MIN / DAY

ARE SPENT DRINKING



IMPORTANCE OF THE POSITION OF THE DRINKING TROUGH

FROM 3 TO **7** LITRES

ABSORBED PER MINUTE



PAY ATTENTION TO THE FLOW RATE OF THE DRINKING TROUGH

ZERO TASTE / SMELL

TOLERATED BY A HORSE



CLEANLINESS AND WATER QUALITY

LA BUVETTE

Figures from studies carried out on adult horses in stalls.

Automatic drinking bowl

A drinking trough is automatic when it allows animals to drink without human intervention. There are two main types of drinker, depending on their valves:

Constant water level



This type of drinking bowl has a float valve and provides the horse with a more or less large water reserve. When the horse drinks, the water level drops, opening the valve and triggering the filling process. When the initial reserve is replenished, the float closes the water supply.

- + Natural drinking, without learning period
- Regular cleaning is mandatory

▲ **Minimum requirements** below which the risk of under-consumption and deterioration of the drinking trough increases:

- 💧 Useful volume: > 4,5 litres
- ⚙️ Flow rate (at 3 bar): > 6 L/min
- Water access area: > Ø21 to Ø25 cm
- ‡ Depth: > 10 to 12 cm

Push mechanism (valve)



Paddle or push tube drinking bowls require the animal to act to trigger the flow of water into the bowl. A gentle push on the pusher is enough to break the seal on the valve and make the water flow. After drinking, a spring closes the water and returns the pusher to its initial position.

- + Faster, less frequent cleaning
- A learning period can be necessary

▲ **Minimum requirements** below which the risk of under-consumption and deterioration of the drinking trough increases:

- 💧 Useful volume: > 2,5 litres
- ⚙️ Flow rate (at bar): > 10 L/min
- Water access area: > Ø21 to Ø25 cm
- ‡ Depth: > 10 to 12 cm

Ahead of time

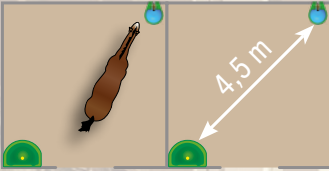


To ensure optimum performance and long life for your drinking troughs, it is strongly recommended to fit a 100 µ filter at the head of the line (Ref. A446).



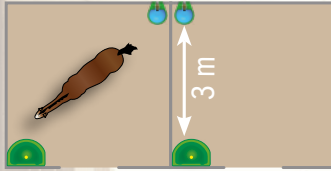
The right place for the drinking bowl

In boxes, it is best to position the drinking bowl in a corner to reduce the space required and the risk of breakage. A metal guard can be added to some drinkers for horses that scratch or kick a lot. The space between the guard and the bowl should be less than 5 cm to prevent a foal from slipping its foot in.



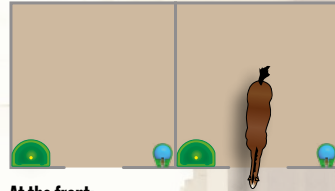
At the rear in the corner opposite the feed trough:

- + Drinking bowl fairly well protected from kicking (beware of small boxes!)
- Visual inspection of the trough less easy.



At the rear with a shared water supply:

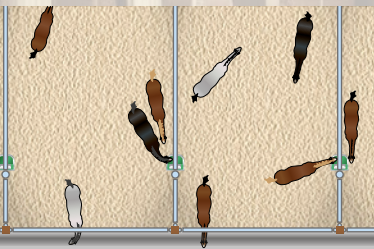
- + A single feeder for 2 troughs
- The trough opposite the feed trough is less protected.



At the front:

- + Very well protected from knocks
- + Ease of visual inspection
- Risk of granules in the bowl
- Not for fully opening fronts.

In stabling, there should be at least two watering points at a distance from each other to allow dominated horses to drink properly. Ideally, the positioning should also allow them to escape.



On the separation posts:

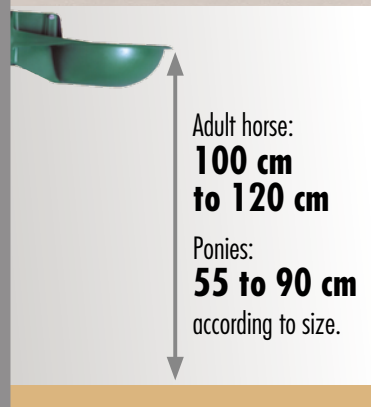
- + 2 drinking bowls per group
- + Possible clearance for a dominated horse
- Visual control of the drinking bowls less easy.



The good height

Adapt the drinking height in order to:

- Guarantee easy access and drinking comfort (risk when too high)
- Avoid that the horse bumps its head (risk when too high)
- Reduce the risks of the trough to be broken (risk when too low)
- Reduce soiling (straw, dung) (risk when too low)



Ask our specialists for advice on
0033 324 523 720



Water supply possibilities



Electric heating system



Antifreeze loop compatible

How To Choose Your Drinking Bowls

Which way should the water come in?

From above

From the ground

On a loop

Which fixing ?

Wall-mounted or barrier-mounted

On the ground

Which valve type ?

Constant level (float valve)

Push tube or paddle valve

Access to water ?

Mini (miniature horses, dogs)

Normal (individual)

Large or double (collective)

BABYLAC p.7

LAC 5 p.7

LAC 10 p.7

LAC 55 p.7

LAC 50 p.7

NORMANDY nc p.8

+ A396

LAKCHO 2 p.9

BIGCHO 2 p.9

F11 T p.11

FORSTAL T p.10

F130 p.12

F30 p.11

F130 EL p.13

FORSTAL p.10

Model with paddle + A590

F11 p.11

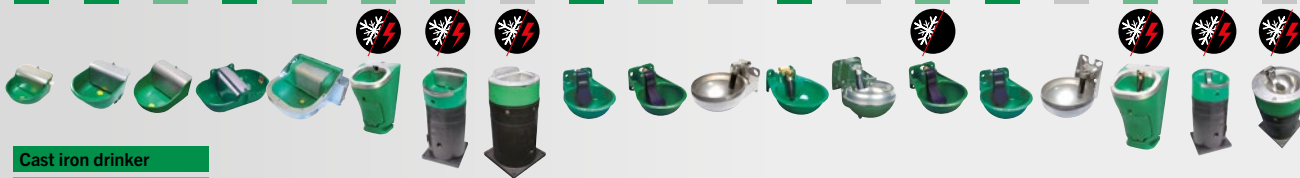
F110 p.12

NORMANDY tube p.14

+ A396

STALCHO 2 p.15

BIGSTAL 2 p.15



- Cast iron drinker
- Synthetic drinker
- Stainless steel drinker



Managing pressure

The pressure supplied by the drinking water network generally varies between 2 and 5 bar (29~72 psi). The ideal operating pressure for standard pressure drinkers is 3 bar (43.5 psi). Over-pressure (above 5 bar) is detrimental to the correct operation of the valves and can cause premature damage to wearing parts. If necessary, a professional pressure reducer (Ref. A406) must be fitted.

Constant Level Drinking Bowls



- ⊕ natural drinking
- ⊕ for sensitive noses
- ⊕ silencer
- ⚠ more frequent cleaning
- ⚠ not protected from frost



LAC 10™

Impact and wear-resistant synthetic bowl. Stainless steel cover. Flow rate 8 L/min (at 3 bar). 5,5 litre capacity. Adjustable water level. 4-point wall mouting. Tool-free-draining. Dim. 31 x 25 x 20 cm



Ref 3259

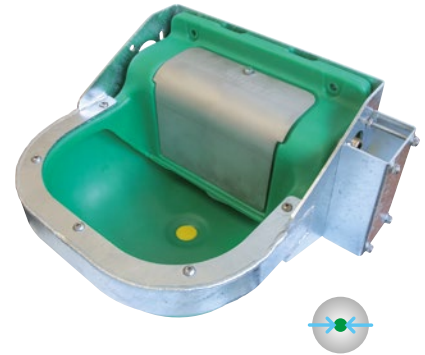


LAC 5™

Robust cast iron bowl. Stainless steel cover. Flow rate 6,5 L/min (at 3 bar). 5 litre capacity. Adjustable water level. 4-point wall mouting. Tool-free-draining. Dim. 31 x 24 x 17 cm

Ref 1627

Exist in double access version: LAC 55 Ref 1628.



LAC 50™

Extra-large bowl for stabling horses or draught horses. Synthetic trough protected by a sturdy galvanised steel frame. Stainless steel cover. Flow rate 32 L/min (at 3 bar). 16 l capacity. Adjustable water level. Inside folded non-spill edge. 4-point wall mouting. Tool-free-draining. Dimensions: 42 x 40 x 30 cm

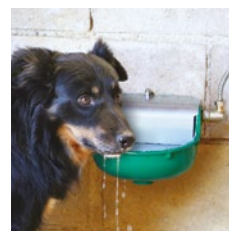
Ref 1660



LAC 10

BABYLAC™

the small one designed for «minis» and dogs



Sturdy 2,5 litre bowl made of cast iron with a stainless steel cover. Flow rate 5 L/min (at 3 bar). Adjustable water level. 2 fixing points. Dim. 25 x 26 x 17 cm

Ref 2015



Galvanised protection for LAC10 or LAC5. **A352**



Brass MM fitting for LAC5 et LAC55. **A829**

STABLE

Drinking Solutions

Bowl With Constant Water Level



- ⊕ natural drinking
- ⊕ comfortable, durable design
- ⊕ optional internal heating
- ⚠ more frequent cleaning
- ⚠ water inlet from above or below



NORMANDY™

Compact, robust HDPE bowl with stainless steel cover and nibble guard. Rounded shapes and wide water access for optimum animal comfort.

- Flow rate 8 l/min (at 3 bar).
- 5.5 litre capacity.
- Adjustable water level.
- 4-point wall mounting.
- Tool-free draining.
- Dim. 39 x 35 x 62 cm

Ref 1717

*Push-tube version:
Ref 1716, p.14.*



56 cm

Insulating stand to protect the water inlet. Can be cut in 2.
Ref. A576

75 cm

Galvanised frame to protect the water pipe above.
Ref. A358



Electrical heating set

24V-heating system to be placed inside of the **NORMANDY** via the trapdoor provided. 80W-capacity (transformer to be ordered separately). Frost-free down to -20°C. Operating indicator light.

A396



Mandatory:
Transformer 230/24V
Capacity 100 VA.
Ref. A504

Recommended:
Heating wire to protect 1,15 m of pipe.
30W 24V.
Ref. C162

Recommended:
Automatic heating according to ambient temperature.
Ref. A532



NORMANDY
+ Stand A576
+ Heating set A396



Water supply possibilities



Electric heating system



- ⊕ natural drinking
- ⊕ wide access to water
- ⊕ electrical frost-free versions
- ⚠ more frequent cleaning
- ⚠ water inlet only from the ground



LAKCHO 2™

One-piece, impact-resistant, double-walled HDPE bowl. Stainless steel lip and cover. 5.5-litre capacity. Flow rate 10 l/min (at 3 bar). Adjustable water level. Mounted on HDPE stand (or concrete Øint. 300 mm). Tool-free draining. Dim. Ø39 x 35 cm

- Ref**
- 1640 heating 24V - 50W
 - 1840 heating 24V - 80W
 - 1642 heating 24V - 180W
 - 1730 without heating

Paddle version: STALCHO 2 p.15.



BIGCHO 2™

Large stainless steel bowl on HDPE riser. Metal anti-spill rim. 5,5 litre capacity. Flow rate 8 l/min (at 3 bar). Adjustable water level. Mounted on HDPE stand (or concrete Øint. 300 mm). Stainless steel drain plug. Dim. Ø38 x 20 cm

- Ref**
- 1639 heating 24V - 50W
 - 1839 heating 24V - 80W
 - 1712 without heating

Paddle version: BIGSTAL 2 p.15.



Electrical heating set

Heating version feature a 24V heater and an operating light. Transformer 230/24V mandatory, to be ordered separately. Frost-free down to -20°C.



Mandatory:
Transformer
230V/24V

- Ref.**
- A505 Cap. 50 VA
 - A504 Cap. 100 VA
 - A503 Cap. 200 VA
 - A501 Cap. 300 VA
 - A502 Cap. 400 VA

Recommended:
Automatic heating
according to ambient
temperature.

- Ref.**
- A532



Insulated HDPE stand protects water inlet from below. 4 floor fixing points. Drain hole for BIGCHO 2.



H. 740 mm
Ref. A573

H. 600 mm
Ref. A572

H. 400 mm
Ref. A570



Cross-section of the double skin filled with insulating foam.



- 💡 **Adapt the height of the water to the size of your horse, especially in a stall. See page 5.**
- ⚠ **Bowls with anti-slip rims are not recommended for shod horses.**



BIGCHO 2 50W + Stand A740



Synthetic Bowls With Pushers



- ⊕ water changed frequently
- ⊕ very smooth mechanism
- ⊕ low maintenance
- ⚠ training sometimes necessary
- ⚠ water supply from above or below



FORSTAL™ H-paddle

Shock- and wear-resistant **synthetic** bowl.
 Long, easy-to-push paddle.
 Elbowed brass connection.
 Flow rate 12 l/min (at 3 bar).
 4-point wall mounting.
 Dim. 32,5 x 24 x 20 cm.

Ref
3021



FORSTAL™ V-paddle

Shock- and wear-resistant **synthetic** bowl.
 Short paddle for an easier cleaning.
 Elbowed brass connection.
 Flow rate 12 l/min (at 3 bar).
 4-point wall mounting.
 Dim. 32,5 x 24 x 20 cm.

Ref
3022



FORSTAL™ tube

Shock- and wear-resistant **synthetic** bowl.
 Very smooth push-tube valve.
 Elbowed brass connection.
 Adjustable flow rate 13 l/min (at 3 bar).
 4-point wall mounting.
 Dim. 32,5 x 24 x 20 cm.

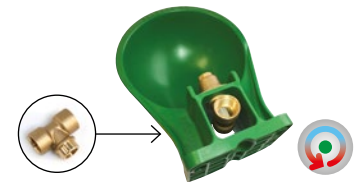
Ref
3027

The FORSTAL is made of sturdy material that has been tried and tested for over 20 years.



Version with a brass T-fitting for a mounting in a circulation loop.

Ref
3025



Version with a brass T-fitting for a mounting in a circulation loop.

Ref
3028



FORSTAL Tube + T + Set A359



Geothermal probe

Protects a FORSTAL (paddle) from freezing down to -15°C without electricity.
 Copper water supply tube with geothermal probe to bury.

Ref. A590



Watch the video on facebook/labuvette.cheval



Circulation loop mounting set for FORSTAL T

Ref. A359



Galvanised protection frame
Ref. A352

Fasteners



on tube
Ref. A315 Ø50 max
A316 Ø75 max



on pole
Ref. A331 Ø102
A337 Ø140



on IPN girder
Ref. A336



Water supply possibilities



Non-Electric frost protection



Antifreeze loop compatible

STABLE

Drinking Solutions

Cast Iron Bowls With Pushers



- ⊕ water changed frequently
- ⊕ very smooth mechanism
- ⊕ low maintenance
- ⚠ training sometimes necessary
- ⚠ water supply from above or below



F11™ H-paddle

Cast iron bowl, Polycoat.
Long, easy-to-push paddle.
Elbowed brass connection.
Flow rate 12 l/min (at 3 bar).
4-point wall mounting.
Dim. 30 x 24 x 16 cm.

Ref
3001



Version with stainless steel paddle.

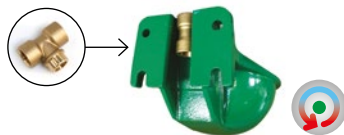
Ref
3003



F11™ V-paddle

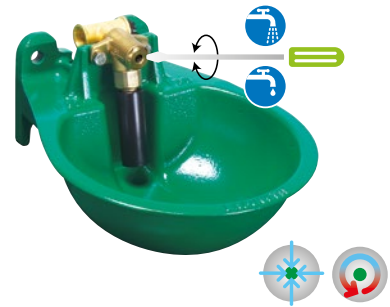
Cast iron bowl, Polycoat.
Short paddle for an easier cleaning.
Elbowed brass connection.
Flow rate 12 l/min (at 3 bar).
4-point wall mounting.
Dim. 30 x 24 x 16 cm.

Ref
3002



Version with a brass T-fitting for a mounting in a circulation loop.

Ref
3008



F30™

Cast iron bowl, Polycoat.
Very smooth push-tube valve.
Elbowed brass connection.
Adjustable flow rate 18 l/min (at 3 bar).
4-point wall mounting.
Dim. 32 x 25 x 18 cm.

Ref
3051



Version with stainless steel valve (for acidic water).

Ref
3296



Easy learning process:

Our bowls are designed to keep a small reserve of residual water behind the pusher. This water attracts unaccustomed horses, who then activate the very flexible pusher mechanism and let the water flow gently. Temporarily reducing the flow rate of waterers that allow this can reduce the apprehension of fearful horses.

Circulation loop mounting set for F11 with T

Ref. A359



Circulation loop mounting set for F30

Ref. A367 (horizontal)
Ref. A373 (vertical)



Fasteners



on tube
Ref. A315 Ø50 max
A316 Ø75 max



on pole
Ref. A331 Ø102
A337 Ø140



on IPN girder
Ref. A336

Galvanised protection frame

Ref. A352



F30 + A352

STABLE

Drinking Solutions



- ⊕ water changed frequently
- ⊕ very smooth mechanism
- ⊕ animal welfare
- ⊕ hygienic and durable material
- ⚠ learning may be necessary



F110 INOX™

Deep stainless steel bowl, sturdy and durable.
Rounded shapes and wide water access (Ø25 cm) for optimum animal comfort.
Stainless steel valve with smooth operated push tube.
Flow rate 18 l/min (at 3 bar).
4-point wall mounting.
Dim. 26 x 25 x 26 cm.

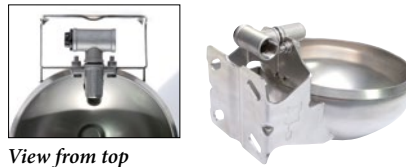
Ref
3209



F130 INOX™

Deep stainless steel bowl, sturdy and durable.
Rounded shapes and wide water access (Ø25 cm) for optimum animal comfort.
Stainless steel valve with smooth operated push tube and T-fitting.
Adjustable flow rate 18 l/min (at 3 bar).
4-point wall mounting.
Dim. 32,5 x 25 x 24 cm.

Ref
3217



View from top

Circulation loop mounting set for F130 INOX

Ref.
A367 (horizontal)
A373 (vertical)



Fasteners for F110 and F130 INOX :



in corner
Ref. A361



on tube
Ref.
A315 Ø50 max
A316 Ø75 max



on pole
Ref. A331 Ø102
Ref. A337 Ø140



on IPN girder
Ref. A336



F130 INOX
+ kit A367



"The bowl is big, resistant and very safe for our horses"

Christelle LEFÈVRE-GOURY* from the *Madée Stables* in Perthes (08) elevagedemadée.fr

*Christelle is the mother of Soizic and Cyrielle, two young very accomplished riders. She runs the Madée Stables which is a family business specialised in the breeding and training.

Our 15 boxes are currently equipped with F110 drinking bowls and we are very satisfied with them for the bowl is big, resistant and very safe for our horses which means that they cannot injure themselves. The water supply is essential for a horse that drinks 30 to 40 litres a day. Therefore, the quality of the drinking bowls is very important. For the further expansion of our stables and the installation of new boxes in order to offer livery, we will test the new F130 Inox drinking bowl with water connection from multiple directions. The LA BUVETTE drinking bowls are technical, reliable and perfectly adapted to our needs, enhancing the welfare of our horses that can drink safely from them.



Water supply possibilities



Electric heating system



Antifreeze loop compatible



- ⊕ water changed frequently
- ⊕ very smooth mechanism
- ⊕ animal welfare
- ⊕ hygienic and durable material
- ⊕ frost-free
- ⚠ learning may be necessary



F130 EL™

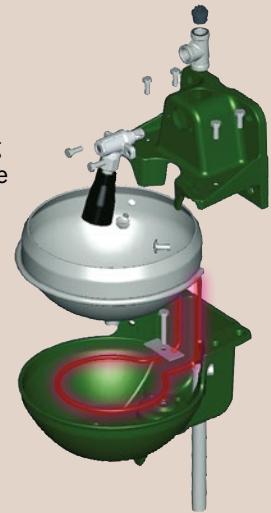
Deep, solid and durable **stainless steel heated electric bowl** in an enamelled cast iron casing. Rounded shapes and wide water access (Ø25 cm) for optimum animal comfort. Stainless steel valve with smooth operated push tube and aerator to prevent splashing. Flow rate 18 l/min (at 3 bar). 4-point wall mounting. Dim. 33 x 27 x 25 cm

Ref
3246 heating 24V - 30W
3247 heating 24V - 80W



Electrical heating

The F130 EL's 24V heating element surrounds both the bowl and the valve. The 30W model can withstand temperatures as low as -20°C. The 80W model is recommended for Nordic countries.



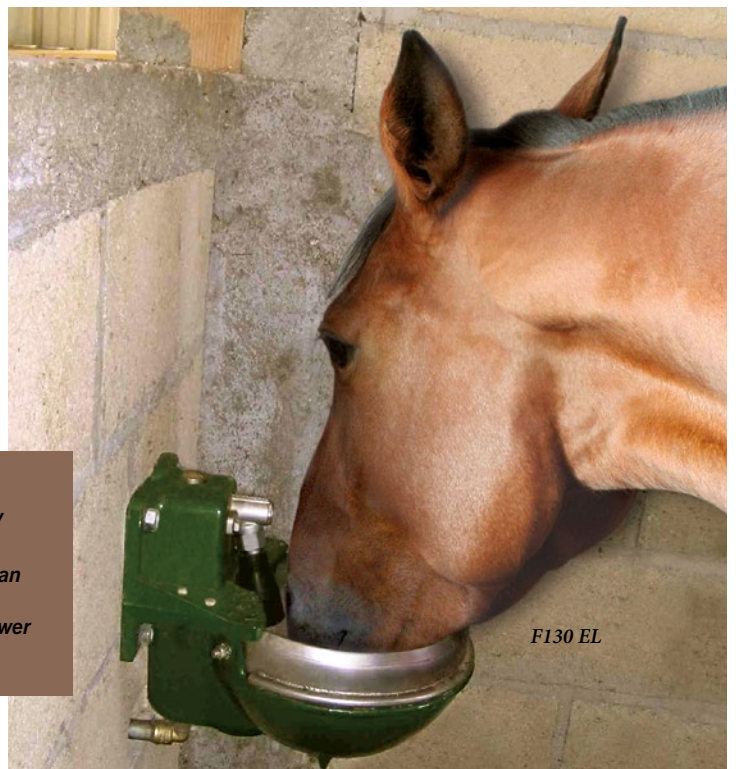
Mandatory:
 Transformer 230/24V
Ref.
A505 Capacity 50 VA
A504 Capacity 100 VA
A503 Capacity 200 VA
A501 Capacity 300 VA
A502 Capacity 400 VA

Recommended:
 Heating cable for 1.15 m of pipe.
 41W 24V.
Ref. C162

Recommended:
 Automatic heating according to ambient temperature.
Ref. A532



armoured norm euro. EN 60.742.



F130 EL



How to choose your 230/24V transformer:

One transformer can power several troughs. This is why they are sold separately.

The total **power** of your drinkers must always be **less than or equal to the capacity** of the transformer.

Example: 1 transformer 100 VA (A504) is enough to power 3 F130 EL 30W drinkers because $3 \times 30 < 100$.



Water supply possibilities



Electric heating system



Antifreeze loop compatible

Drinking Bowl With Push Tube



- ⊕ water changed frequently
- ⊕ compact
- ⊕ comfortable, durable design
- ▲ water inlet from above or below
- ⊕ optional internal heating



NORMANDY™ tube

Compact, robust HDPE bowl with stainless steel cover and nibble guard. Rounded shapes and wide water access for optimum animal comfort. Stainless steel valve with smooth operated push tube. Adjustable flow rate: 13 l/min (at 3 bar). 4-point wall mounting. Tool-free draining. Dim.: 39 x 35 x 62 cm

Ref 1716
1718 with connected flowmeter (p. 20)

Constant water level version: Ref 1717, p. 9.



56 cm

Insulating stand to protect the water inlet. Can be cut in 2.
Ref. A576

Galvanised frame to protect the water pipe above.
Ref. A358

75 cm



Electrical heating set

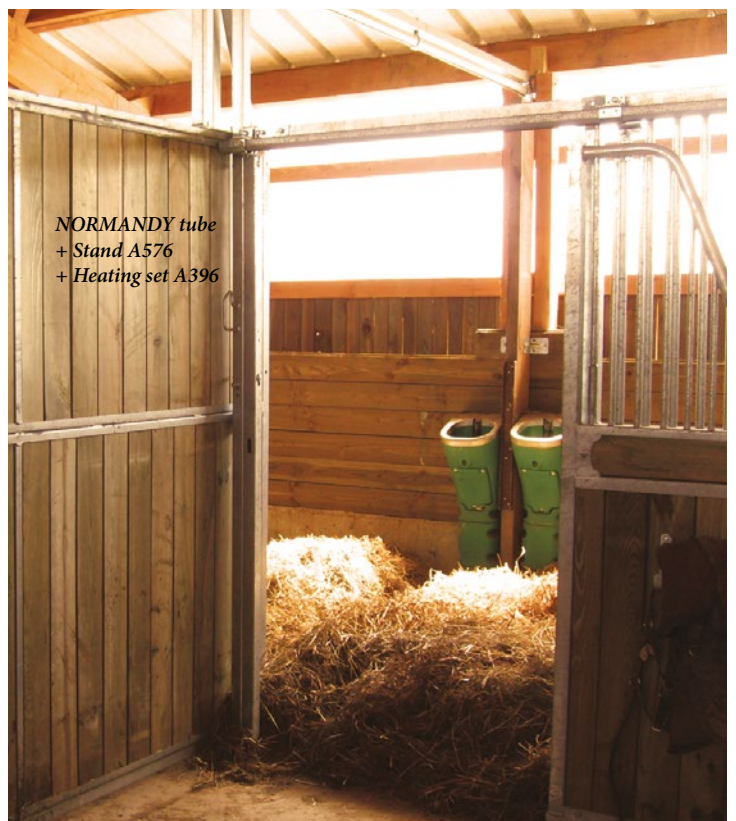
24V-heating system to be placed inside of the **NORMANDY** via the trapdoor provided. 80W-capacity (transformer to be ordered separately). Frost-free down to -20°C. Operating indicator light.
Ref. A396



Mandatory:
 Transformer 230/24V
 Capacity 100 VA.
Ref. A504

Recommended:
 Heating wire to protect 1,15 m of pipe.
 30W 24V.
Ref. C162

Recommended:
 Automatic heating according to ambient temperature.
Ref. A532



NORMANDY tube
 + **Stand A576**
 + **Heating set A396**



- ⊕ water changed frequently
- ⊕ wide access to water
- ⊕ electrical frost-free versions

- ⚠ learning may be necessary
- ⚠ water inlet only from the ground



STALCHO 2™

One-piece, impact-resistant, double-walled HDPE bowl. Stainless steel lip and cover. Long and easy to push paddle. Flow rate 13 l/min (at 3 bar). Mounted on HDPE stand (or concrete Øint. 300 mm). Tool-free draining. Ø39 x 35 cm.

- Ref**
1641 heating 24V - 50W
1841 heating 24V - 80W
1731 without heating

Constant water level: LAKCHO 2, p.9.



BIGSTAL 2™

Large stainless steel bowl on HDPE riser. Metal anti-spill rim. Long and easy to push paddle. Flow rate 13 l/min (at 3 bar). Mounted on HDPE stand (or concrete Øint. 300 mm). Stainless steel drain plug. Ø38 x 20 cm.

- Ref**
1643 heating 24V - 50W
1843 heating 24V - 80W
1713 without heating

Constant water level: BIGCHO 2 p.9.



Electrical heating set

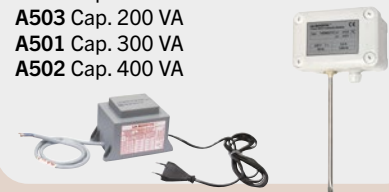
Heating version feature a 24V heater and an operating light. Transformer 230/24V mandatory, to be ordered separately. Frost-free down to -20°C.



Mandatory:
 Transformer 230V/24V

- Ref.**
A505 Cap. 50 VA
A504 Cap. 100 VA
A503 Cap. 200 VA
A501 Cap. 300 VA
A502 Cap. 400 VA

Recommended:
 Automatic heating according to ambient temperature.
Ref. A532



Insulated HDPE stand protects water inlet from below. 4 floor fixing points. Drain hole for BIGCHO 2.



H. 740 mm
 Ref. A573

H. 600 mm
 Ref. A572

H. 400 mm
 Ref. A570



Cross-section of the double skin filled with insulating foam.



⚡ Adapt the height of the water to the size of your horse, especially in a stall. See page 5.
 ⚠ Bowls with anti-slip rims are not recommended for shod horses.



STALCHO2 50W + Stand A570








Good Idea !

For all new projects, thinking about watering upstream will enable you to bury the pipes. At a depth of around 60 to 80 cm, they will be naturally frost-free thanks to geothermal energy.

Creating a circulation loop to which you can connect your drinking troughs is an additional way of combating frost without spending a lot of energy.

Solution	Strengths	Limits	Ideal for
<p>p.17</p>  <p>24V heating cable</p> <p>Self-regulating heating cable to attach along water pipes. Can be cut. Must be connected to a 230V/24V transformer.</p>	<ul style="list-style-type: none"> • Self-regulating power of 20W/meter at 0°C. • The colder it is, the hotter the cable. • Frost protection down to -45°C. • No need to modify plumbing. • Can be cut to any length (maximum 20 meters). • Easy to install and risk-free. 	<ul style="list-style-type: none"> • Installation instructions must be followed carefully. • Requires one or more 230V/24V transformers, to be ordered separately. 	<ul style="list-style-type: none"> • Existing conventional overhead pipes (not looped). • Water supply of drinking trough (special kit C162). • Regions with risk of high frost.
<p>p.18</p>  <p>SPEED-FLOW™ pump</p> <p>High-powered circulation pump that keeps the water moving quickly and continuously in looped pipes.</p>	<ul style="list-style-type: none"> • 370W output: much more efficient than a domestic circulator and consumes less energy than a heating system. • Protects a drinking trough loop of up to 125 m outward and 125 m return in underground pipes. • Simple, safe operation that can be automated as an option. 	<ul style="list-style-type: none"> • Suitable for up to ten ¾' (20x27 mm) looped drinking troughs. • For pipes with a minimum diameter of 25 mm and mostly buried. • For occasional risk of frost (-10°C). • To be installed in a frost-free room. 	<ul style="list-style-type: none"> • Stables with buried loop pipes in regions at risk of moderate frost.
<p>p.19</p>  <p>THERMOFLOW™ Heater</p> <p>Programmable stand-alone heater for loop pipes fitted with a circulation pump.</p>	<ul style="list-style-type: none"> • 1500W output. • Autonomous: you choose the temperature at which you want the heating to start and stop. • Controlled consumption. • Easy to install on any loop pipework. • No scaling: the heating element is not immersed. 	<ul style="list-style-type: none"> • To complement a SPEED-FLOW or other circulation system. • Several THERMOFLOW units may be required in very cold regions (above -15°C). 	<ul style="list-style-type: none"> • Stables with overhead or underground loop pipes in regions with risk of high frost.



Bad Idea !

In winter, it may be tempting to turn off the water supply to the drinking bowls and drain the pipes every evening to protect against night-time freezing. However, turning off the water as soon as the evening meal has been distributed deprives the horse of 30% of its intake. This deprivation is detrimental to the horse's well-being, as it will be thirsty the next morning. Some horses risk damaging the bowls. It is therefore preferable to opt for an anti-freeze solution.



- ⊕ efficiency
- ⊕ easy to install
- ⊕ automated operation

- ⚠ instructions to be followed
- ⚠ energy consuming



24V heating cable

Breakaway heating cable to protect all types of pipes from freezing. Efficiency -45°C. Self-regulating according to pipe temperature. Power: 20 W/m (at 0°C without insulation). Must be connected to a 230V/24V transformer (sold separately).

Ref C152 by meter (20W)

Kit to protect up to 1.15 m of water supply pipe to the drinking trough.



Ref. C162 1.5 m (30W) + connection set + aluminium adhesive

Mandatory for the 24V cable: 230/24V transformer, armoured european norm EN 60.742.

Ref.
A505 Cap. 50 VA
A504 Cap. 100 VA
A503 Cap. 200 VA
A501 Cap. 300 VA
A502 Cap. 400 VA



Connection set with watertight box and end
Ref. C171

Remote thermostat for automatic on/off at 2°C
Ref. A532



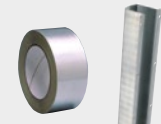
Mandatory: Differential circuit breaker, 30 mA 230V
Ref. A520



Mandatory: Signs (1 every 5 m)
Ref. C180



Mandatory on synthetic pipe: Aluminium tape
Ref. C175



75 cm long protection frame
Ref. A358



230V heating cables

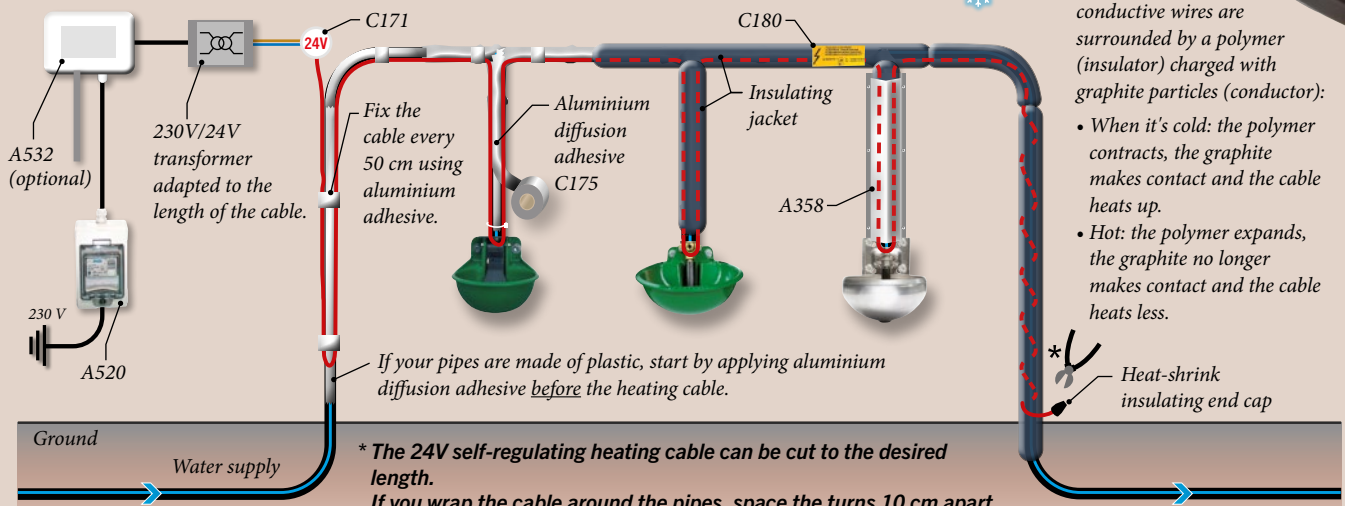
Ready to plug on 230V. A built-in thermostat activates the whole cable heating when the pipe goes under 6°C. 7 available lengths. Can not be cut. Frost-free down to -45°C.



- | | |
|----------------------------|-------------------------|
| Ref C142 8 m - 128W | C145 18 m - 288W |
| C143 12 m - 192W | C146 24 m - 384W |
| C144 14 m - 224W | C147 36 m - 576W |
| | C148 48 m - 768W |



Schematic diagram of 24V heating cable



The two electrically conductive wires are surrounded by a polymer (insulator) charged with graphite particles (conductor):

- When it's cold: the polymer contracts, the graphite makes contact and the cable heats up.
- Hot: the polymer expands, the graphite no longer makes contact and the cable heats less.

STABLE Drinking Solutions

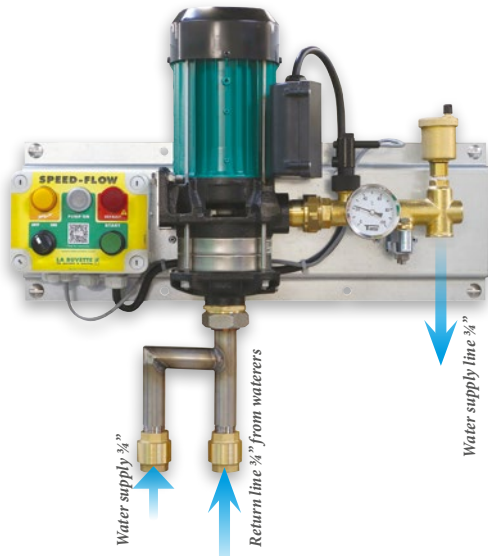
Frost-Free Circulation Pump



- ⊕ efficiency without heating
- ⊕ low energy consumption
- ⊕ simple and secure
- ▲ in a frost-free room
- ▲ for loop circulation

STABLE

Drinking Solutions



SPEED-FLOW™

Powerful pump (370W) that keeps a drinking bowl loop frostfree by circulating the water at high speed.
 Manual triggering. Optional automation and alarm.
 Suitable for around ten drinking troughs connected by 250 m of pipes exposed to a low to moderate risk of frost.

Ref 1669

Mandatory:
Differential circuit breaker
30 mA 230V
Ref. A520

Automation set:
Starts at 3°C (ambient), stops at 10°C.
Ref. A557

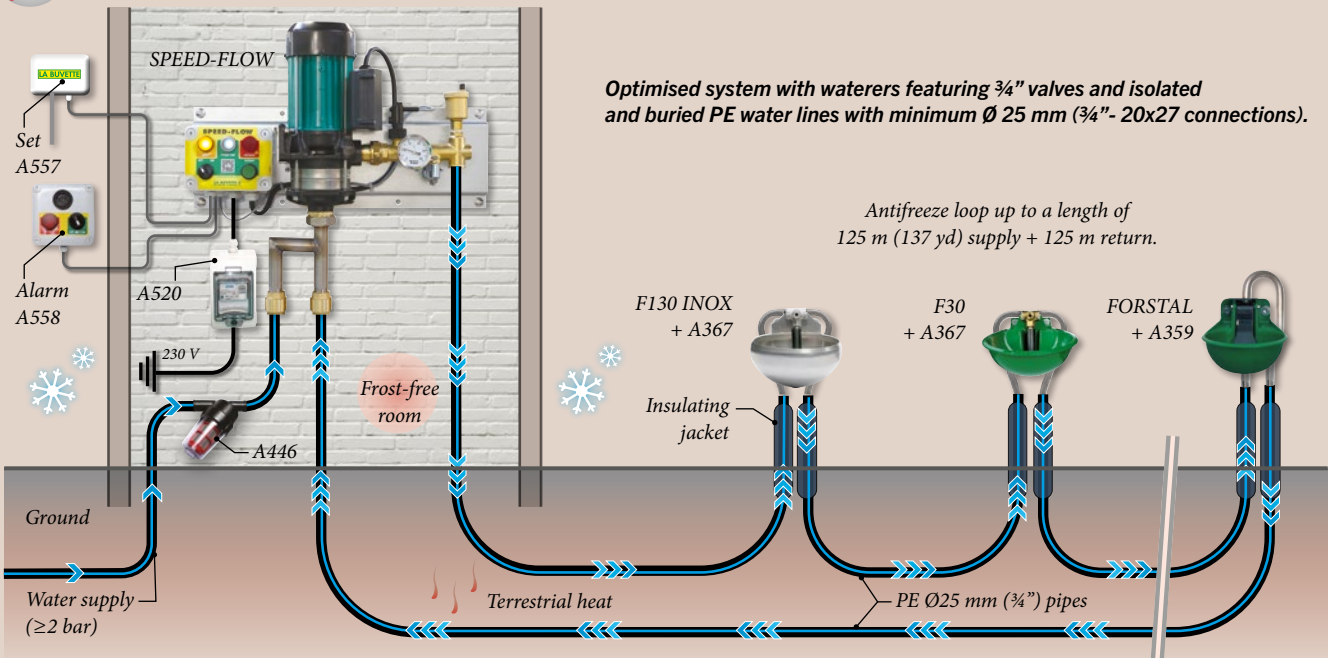
Visual and audible alarm when SPEED-FLOW stops.
Ref. A558

Mandatory:
Filter 100µ
Ref. A446

Additional pump
Ref. A556



Schematic diagram SPEED-FLOW

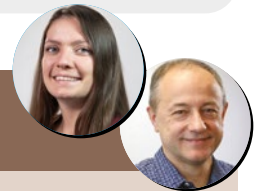


Optimised system with waterers featuring 3/4\"/>

Antifreeze loop up to a length of 125 m (137 yd) supply + 125 m return.

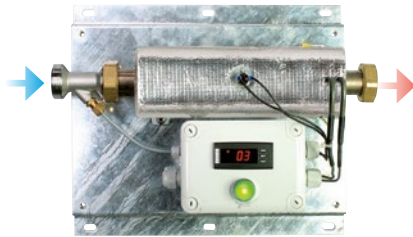


Ask our specialists for advice on 0033 324 523 720





- ⊕ antifreeze performance
- ⊕ reasonable consumption
- ⊕ automated operation
- ⊕ easy to install
- ▲ for circulation loop



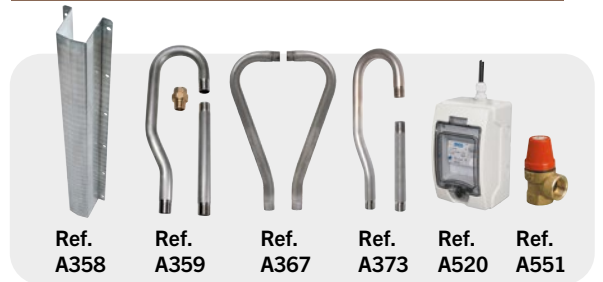
THERMOFLOW™

Programmable 1500W stainless steel and aluminium heating element for loop pipes with SPEED-FLOW or other circulator.
 Protects unburied pipes.
 Automatic operation at user-selected temperatures.
 Non-submerged heating element: no risk of scaling or rusting.

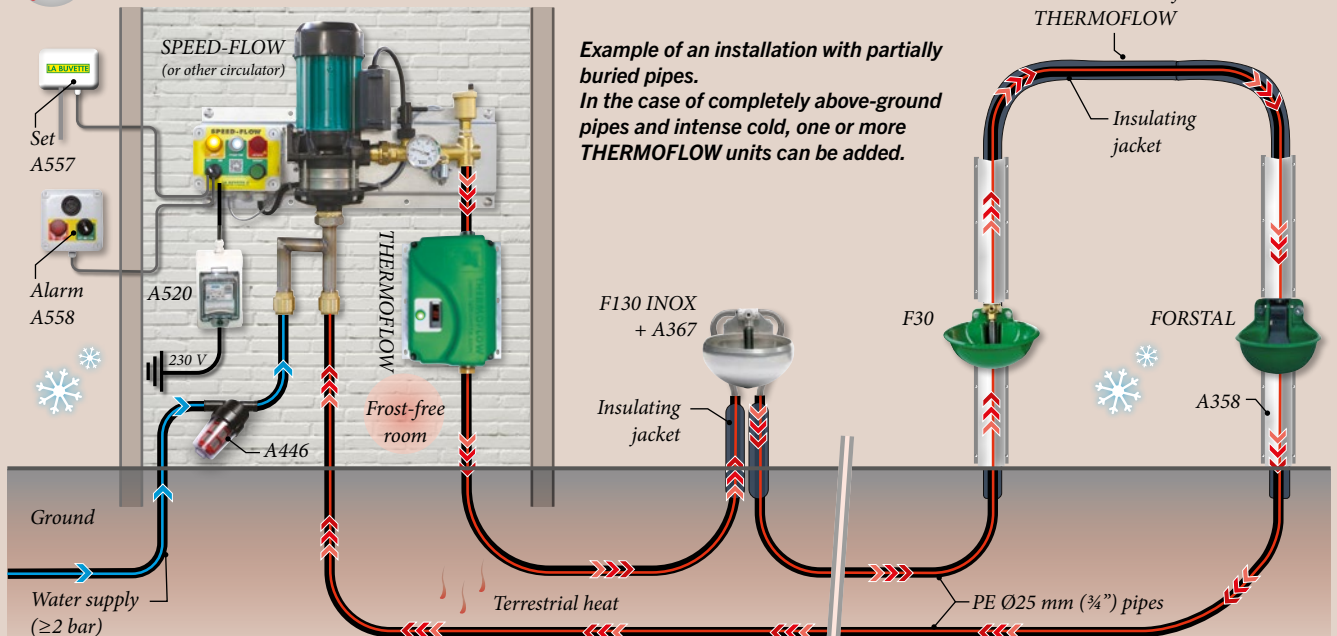
Ref
A301



THERMOFLOW can be fitted to all watering loops fitted with a circulator. It operates only when weather conditions require it. If there is a risk of severe frost, several THERMOFLOW can be installed with a cascade triggering system.



Schematic diagram THERMOFLOW



STABLE

Drinking Solutions



Real-time monitoring and alerts

Blue Intelligence is a solution for precisely controlling the watering of horses in individual boxes.

The system measures the water consumption of each horse and alerts you to any change in behaviour that could be a warning sign of a health problem.

For sport horses, it is possible to restrict the volume of water consumed over a given period of time.



All you need to know for better management

Number of drinks, volume consumed, time of day, time spent - Blue Intelligence gives you precise information for every horse in the stable. The system also measures the ambient temperature and humidity and correlates this data with the watering data.

Water, a key indicator

Abnormal water consumption in a horse can be an early sign of poor form, a health problem or a change in water quality. Blue Intelligence alerts you to problems before they become visible.



Philippe ROZIER

The leading stable of the Olympic show jumping champion, ESPACE ROZIER in Bois-le-Roi (77) has been equipped with Blue-Intelligence since December 2016.

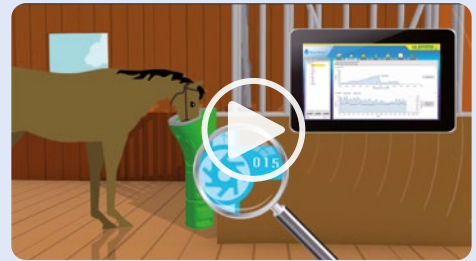
For a stable like mine, it's a source of information about a horse's state of health (...) Our vet appreciates the fact that we have this system. (...) We'll soon be able to make reliable comparisons with their watering during competitions.



Extract from the magazine
Cheval Pratique n°322



- ⊕ consumption monitoring
- ⊕ alerts in the event of anomalies
- ⊕ modular system
- ⊕ no subscription required
- ⚠ compatible with all pusher, paddle or tube drinkers



Video and free study on :
blueintelligence-labuvette.com

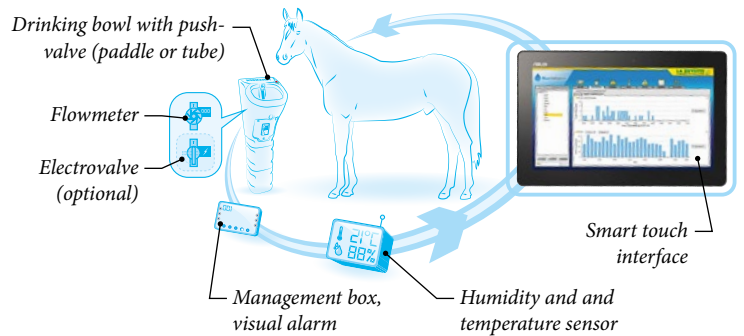
BLUE INTELLIGENCE®

Modular solution for monitoring the watering of horses in individual boxes.

The NORMANDY Blue Intelligence® waterer integrates the system as well as possible, but it is compatible with all push-button waterers.

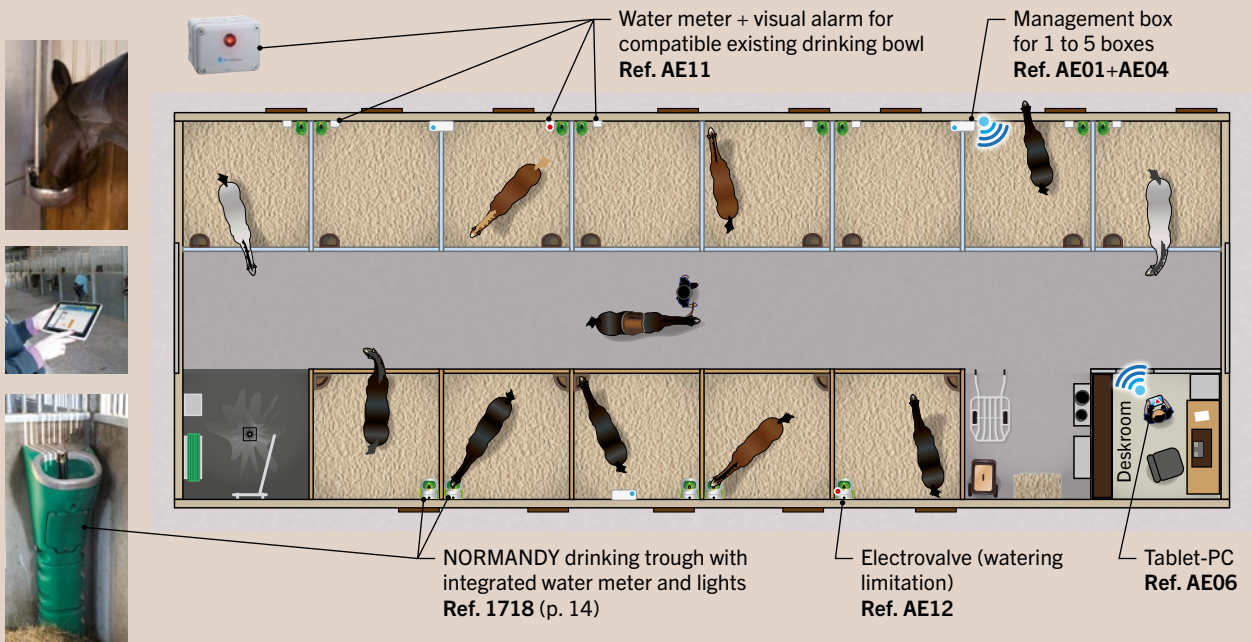
No subscription required.

Customised offer, free quote.



Drinking Solutions

Exemple of a BLUE INTELLIGENCE stable





- ⊕ easy to fix
- ⊕ impact and wear resistance
- ⊕ food-safe material
- ⊕ non-spill edge
- ▲ adapt mounting height to animal



22 L feeder

Feeder made from high-density polyethylene. Robust and durable. Large, comfortable access. Anti-spillage edge. Drain plug. Easy to clean. Dimensions: 49 x 40 x 28.5 cm. Capacity: 22 litres. 2 fixing points.

Ref
D168



Selective feeder

High-density polyethylene feeder for foals. The central metal bar can be turned to further reduce access to feed. Anti-spillage edge. Drain plug. Dimensions: 28 x 19 x 23 cm. Capacity: 6.5 litres. 2 fixing points.

Ref
D162



Salt stone holder

Synthetic lickable mineral block holder. Non-spill edge. Dimensions: 24 x 21.5 x 21 cm. 4 fixing points.

Ref
D170



Salt is an important nutrient for horses, and plays a crucial role in regulating water and electrolytes in their bodies. It can help prevent dehydration, maintain a healthy electrolyte balance and stimulate appetite. Salt can also be useful for horses that sweat a lot, particularly during exercise or on hot days.

Mineral and trace element supplements in the form of lickable blocks are often reserved for broodmares and foals, sport horses or horses that are getting on in years, but depending on the type of feed and the season, equidae of all ages may need salt, minerals, vitamins and trace elements in addition to their normal daily diet.



Wall feeder D163





- ⊕ easy to fix
- ⊕ impact and wear resistance
- ⊕ food-safe material
- ⊕ non-spill edge
- ▲ adapt mounting height to animal



22L feeder

Feeder made from high-density polyethylene. Robust and durable.
 Large, comfortable access.
 Anti-spillage edge.
 Drain plug.
 Easy to clean.
 Dimensions: 49 x 40 x 28.5 cm.
 Capacity: 22 litres.
 4 fixing points.

Ref
D169



17L feeder

Premium quality feeder in high-density polyethylene with anti-snacking metal lip.
 Removable stem to restrict access and prevent feed from being absorbed too quickly.
 Anti-spillage lip.
 Drain plug.
 Dimensions: 52 x 25 x 39.5 cm.
 Capacity: 17 litres.
 Supplied with 2 stainless steel plates for sturdy 6-point fixing.

Ref
D163



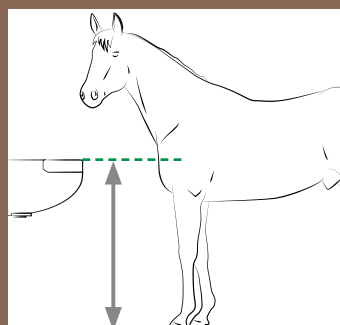
23L feeder

Premium quality feeder in high-density polyethylene with anti-snacking metal lip.
 Removable stem to restrict access and prevent feed from being absorbed too quickly.
 Anti-spillage lip.
 Drain plug.
 Dimensions: 57 x 25 x 45 cm.
 Capacity: 23 litres.
 Supplied with 2 stainless steel plates for sturdy 6-point fixing.

Ref
D164



Less exposed, angled troughs often last longer than straight troughs. For the safety and comfort of the animal and the cleanliness of the manger, make sure you adapt the mounting height to the size of the horse or pony. We recommend placing the edge of the manger at shoulder height, i.e. between 1 and 1.20 m for an adult horse and between 50 and 90 cm for a pony.





- ⊕ rot-proof, food-safe material
- ⊕ ergonomic shapes
- ⊕ designed to last

- ⊕ easy to handle trolleys
- ⚠ trolley lids and dividers sold separately



Grain chests

Watertight storage boxes made of high-density polyethylene for storing food pellets, protected from the elements and pests.

Dimensions :
125,5 x 75 x 85 cm
ou 125,5 x 75 x 120 cm.

Ref
D346 300 L
D347 500 L



Chariot 140 L

One-piece, food-safe, rot-proof, high-density polyethylene tub with integrated ergonomic handles. Strong, durable double-wall welded rim.

Smooth, easy-to-maintain walls. Ø400 mm ball-bearing inflatable wheels. 360° swivel castors. Galvanised steel frame.

*Available in a 15 cm higher version with inflatable swivel castors:
Ref. D180.*



Chariot 340 L

One-piece, food-safe, rot-proof, high-density polyethylene tub with integrated ergonomic handles. Strong, durable double-wall welded rim.

Smooth, easy-to-maintain walls. Ø400 mm ball-bearing inflatable wheels. 360° swivel castors. Galvanised steel frame.

Ref
D182

Feed storage and distribution



140L feed cart
+ lid and divider

Ref
D181



Polyethylene dividers
Ref.
D177 for 140L feedcart
D179 for 340L feedcart



Polyethylene lid
Ref.
D176 for 140L feedcart
D178 for 340L feedcart



3L graduated measure
Ref. D171



Galvanised steel stretcher for easy crossing
Ref. A790



Spare wheel with ball bearings
Ref. 1120004



- ⊕ robust design
- ⊕ manoeuvrability
- ⊕ delivered assembled, ready to use
- ⊕ for large volumes
- ⚠ not for road usage



Tubular wheelbarrow

Stable, functional wheelbarrow for transporting straw and fodder. One-piece galvanised steel frame.
 Ø400 mm ball-bearing pneumatic wheels.
 Wear-resistant glides.
 Grip handles.
 Maximum load capacity: 200 kg.
 Dimensions: 168 x 86 x 86 cm.
 Top: 82 x 86 cm.
 Back: 48 x 86 cm.

Ref
D188 fully assembled



4-Wheeled Cart

Galvanised steel stable valet with non-slip bakelised plywood floor. Steerable axle without stops and large spring-loaded drawbar for excellent manoeuvrability.
 Ø400 mm ball-bearing pneumatic wheels.
 Supports the load of a high-density bale.
 Dimensions: 275 x 98 x 125 cm.
 Platform: 240 x 98 x 49.5 cm.
 U-shaped side rails sold separately.

Ref
D183 fully assembled



Pair of heavy-duty U-shaped side rails.
Ref. A793



Micro-tractor hitch for attachment to the drawbar.
Ref. A794



STABLE

Feed storage and distribution



Tubular wheelbarrow + tools (p. 26)



- ⊕ robust design
- ⊕ impression of lightness of load
- ⊕ easy and complete tipping
- ⊕ easy maintenance
- ▲ supplied as an assembly kit



330L Dumping Wheelbarrow

Balanced wheelbarrow to reduce fatigue. The load is carried entirely on the axle. Ø400 mm ball-bearing pneumatic wheels. Wear-resistant glides. Grip handles. High-density polyethylene tub with welded double-walled rim and stainless steel protection. Dumps easily over 90° for complete emptying. Safety strap. Galvanised steel frame. Dimensions: L. 175 x W. 83 x H. 86 cm



600L Dumping Wheelbarrow

Reduce the number of return trips with this XXL version. The design of the tub makes it easy to fill and empty. Dimensions: L. 203 x W. 101 x H. 106 cm

Ref
D186 330L model
D187 600L model

STABLE

Maintenance equipment



Perfectly balanced and sturdy!

Kévin Baud, of the equestrian centre l'ETRIER ARDENNAIS in Givonne (08) etrier-ardennais.ffe.com

We are really satisfied with this 330 litres wheelbarrow after having used it for 6 months now. Even fully loaded, it remains so light and easy to handle that everybody can use it. I also use it to take wet litter to two horses with emphysema. It is perfectly balanced and sturdy! For the new stables that are under construction, we are considering to buy a second wheelbarrow but this time one with a capacity of 600 litres.



Watch the video on www.labuvette.fr



⊕ for intensive use

⊕ lightweight and robust

⊕ built to last

⊕ wide range

▲ certain packaging requirements

NEW



Triangle rake

Synthetic rake, width 80 cm.
Beech handle.

Ref
A711 box of 6 pieces



Grain shovel

Reinforced ABS grain shovel.
Ash handle.

Ref
A704 box of 6 pieces



Manure scoop

Lightweight, hard-wearing synthetic manure rake and shovel combo.
Longer handle for greater comfort.

Ref
A709 box of 5 pieces



Manure fork

Very light, flexible but extremely strong synthetic fork.
Aluminium handle with ergonomic 'D' grip.
For sand, sawdust and shavings.

Ref
A707 box of 5 pieces



Round broom

Brushes with polyethylene bristles.
Ring for adjusting the distance between the bristles.
Beech handle.

Ref
A703 box of 6 pieces



Rice straw broom

Natural rice straw broom, about 30 cm wide and 50 cm long.
Beech handle.

Ref
A712 box of 10 pieces



Brush broom

Brushes with fibre-reinforced PVC head and synthetic bristles.
Beech handle supplied with fixing screws.

Ref
A701 l. 32 cm - box of 6
A702 l. 55 cm - box of 6



NEW

Scrapers

Polypropylene scrapers, highly resistant, reliable and durable.
Beech handle with ergonomic 'D' grip.
New wraparound design for greater efficiency.

Ref
A705 l. 53 cm - box of 6
A706 l. 66 cm - box of 6

STABLE

Maintenance equipment

Clean water all year round

Whether you need to water a single horse in the meadow during the summer months, or a whole group of horses on a permanent basis in an active stable, guaranteeing quality watering is essential. There are three main technical solutions to this problem:

Hand-filled water troughs

With no valve, these are simple containers that need to be filled periodically. The ISOBAR 250 (p. 33) is one of these drinking troughs, but it stands out for its frost-proofing without electricity.

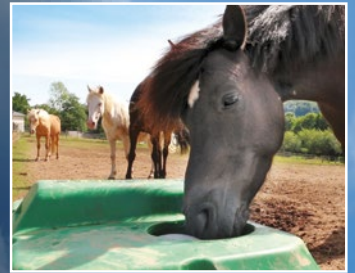
- + Mobile drinking troughs
- Requires closer monitoring of water quality and quantity



Constant level drinking troughs

Fitted with float valve connected to a water supply, these troughs fill automatically. They can be connected to the drinking water network (standard pressure) or to a water reserve located upstream (low pressure). Some models are frost-resistant, with or without electricity.

- + Water always available, renewed automatically
- Requires a water supply



Autonomous pumping systems

These solutions make it possible to use a water reserve such as a well, borehole or river for watering without risk to the horses or the aquatic environment. Nose pumps are operated by the horse itself, while a solar-powered pumping station can supply a tank or cistern with 1200 litres/day at the height of the season.

- + Easy to install
- Winter storage required



The nice gesture



Placing an A622 anti-drowning escape kit in drinking troughs prevents small wild animals - birds, rodents and amphibians - from drowning inside. A great gesture for wildlife, but also for the quality of your horses' drinking water.

Kit developed with naturalist J-F. Noblet and the french LPO (Bird Protection League).

The right place for a drinking trough

- To enable dominated equids to drink without being cornered by a dominant, never place drinking troughs in cul-de-sacs or corners.
- In winter, if possible, place insulated drinking troughs under cover to prevent them from being blocked by snow or freezing rain.
- When several watering points are needed, space them about ten metres apart to avoid jostling and aggressive behaviour.
- Stabilised drinking trough surrounds are a plus for the health and comfort of the horses. Synthetic draining slabs can be used, see page 44.

Active Stable

Originating in Austria and Germany, the active stable concept offers a new approach to accommodation, centred on the horse, its gregarious instincts and its ethological needs. In an active stable, horses live in groups, with sheltered sleeping areas, exercise and socialising facilities. Their feed is often managed by automatic feeders capable of distributing the right food in the right quantities to each horse.

The watering system must allow the whole group to drink as naturally as possible, whatever the season. That's why we always recommend electrically-protected drinking troughs. Depending on the installation and the number of horses, you may opt for several individual troughs mounted on insulated nozzles, or one or two large collective troughs laid on the ground.

See our selection of troughs for active stables on pages 36 and 37.

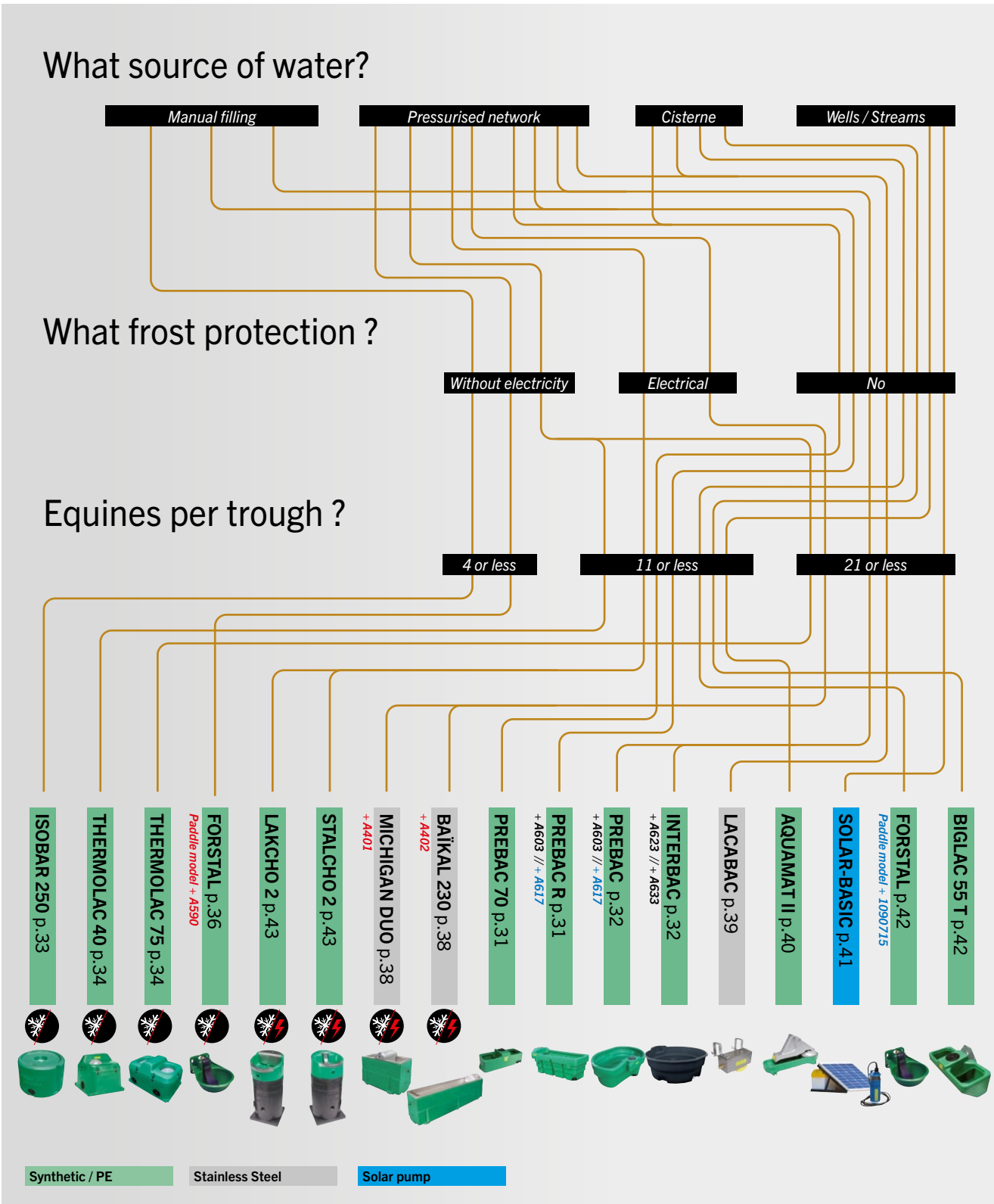


©HIT - aktivstall.de



Ask our specialists
for advice at
0033 324 523 720

Choosing Outdoor Drinking Troughs



Dealing with pressure

The pressure supplied by the drinking water network generally varies between 2 and 5 bar (29~72 psi). The ideal operating pressure for standard pressure drinkers is 3 bar (43.5 psi). Over-pressure (above 5 bar) is detrimental to the correct operation of the fittings and can cause premature damage to wearing parts. If necessary, a professional pressure reducer (Ref A406) must be fitted.

Rectangular Drinking Troughs



- ⊕ robust and durable
- ⊕ ideal between two paddocks
- ⊕ with or without float valve
- ⊕ 10-year guarantee
- ▲ to be anchored to the ground



Warranty*
10
years

PREBAC™ 70

Dual-access trough fitted with original constant-level float valve. One-piece 70 litre tub made from 100% virgin high density food grade HDPE Polychoc™, UV resistant and recyclable. Large drain. 2 anchoring points on the ground or on a concrete base. Dimensions: 106 x 37 x 31 cm

Ref
2219 standard pressure
2217 low pressure (<1 bar)



PREBAC rectangular tiles must be firmly anchored to the ground. Several fixing points are provided on each model.

A low-pressure valve makes it possible to connect a trough to a water supply (cistern, pond, river) located higher than the trough. This is known as gravity feeding.



Warranty*
10
years

PREBAC™ R

Unalterable, sturdy and lightweight troughs made of Polychoc™ polyethylene: a high-density, UV-resistant and recyclable 100% virgin food-grade PE. Space provided for fitting a float valve (sold separately). Large drain. Several anchoring points in the ground.

Ref
2231 200L - 160 x 46 x 44 cm
2237 190L - 90 x 64 x 66 cm
2235 400L - 165 x 66 x 66 cm

Standard pressure float valve (2 to 5 bar). 32 l/min at 3 bar.

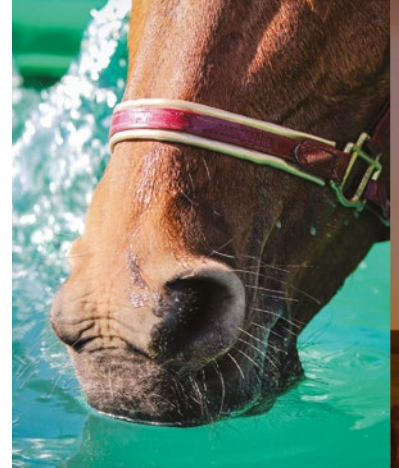
Ref. A603

Low pressure float valve (from 0 to 1 bar). 15 l/min at 0.2 bar.

Ref. A617



Escape to prevent wildlife drowning
Ref. A622



Warranty*
10
years

The guarantee takes effect for all PREBAC invoiced from 1 of september 2017.

- *The PREBAC drinking troughs have to be correctly filled with water to prevent the animals from damaging the troughs (this damages are excluded from the guarantee). We also recommend the use with an A603 or A617 set.*
- *The PREBAC drinking troughs are not guaranteed against damage caused by improper handling, incorrect installation (on not levelled or uneven terrain) or inappropriate use, other than for watering livestock.*

Warranty claims for a PREBAC shall be sent to your LA BUVETTE dealer accompanied with your purchase invoice and photos of the damaged trough and in particular of its date stamp.



Circular or Oval Trough Drinkers



- ⊕ robust and durable
- ⊕ many sizes available
- ⊕ easy to transport
- ⊕ 10-year or 3-year guarantee
- ▲ float valve sold separately



PREBAC™

Warranty*
10
years

Sturdy, lightweight troughs made from Polychoc™ polyethylene: a high-density, UV-resistant and recyclable 100% virgin food-grade PE. Space provided to fit a constant level float valve (sold separately). Large drain. Oval models with carrying handles.

Ref	
2264	400L - 147 x 105 x 40 cm
2275	550L - 147 x 105 x 60 cm
2275	950L - 203 x 115 x 60 cm
2221	400L - Ø108 x 60 cm
2223	600L - Ø130 x 60 cm
2225	800L - Ø150 x 60 cm
2227	1000L - Ø160 x 60 cm
2261	1200L - Ø180 x 60 cm
2263	1500L - Ø200 x 60 cm



INTERBAC™

Warranty*
3
years

Robust, lightweight troughs made from partially recycled high-density polyethylene. Space for constant-level float valve (sold separately). Drain plug. Oval models with anti-deformation reinforcement.

Ref	
2695	600L - 170 x 104 x 63 cm
2696	900L - 209 x 114 x 63 cm
2697	600L - Ø140 x 60 cm
2698	1000L - Ø170 x 60 cm
2699	1500L - Ø210 x 60 cm

* PREBACs come with a 10-year guarantee, with 3 years for INTERBACs.

Warranty **10** years

Warranty **3** years

- The drinking troughs have to be correctly filled with water to prevent the animals from damaging the troughs (this damages are excluded from the guarantee). We also recommend the use with a float valve set.
- The PREBAC and INTERBAC drinking troughs are not guaranteed against damage caused by improper handling, incorrect installation (on not levelled or uneven terrain) or inappropriate use, other than for watering livestock.

Warranty claims for a PREBAC shall be sent to your LA BUVETTE dealer accompanied with your purchase invoice and photos of the damaged trough and in particular of its date stamp.

For PREBAC™

Ref. A603 standard pressure

Ref. A617 low pressure

Anchoring kit for circular PREBAC

Ref. B121

For INTERBAC™

Ref. A623 Round Interbac

Ref. A633 Oval Interbac



“The best drinking troughs I know!”

Paul GOLDSTEYN, from Lewitz Stud Farm (Paul Schockemöhle): 3500 horses and 500 foals/year in the north of Germany

During the summer season, our horses have 3000 hectares of pasture to range. We use a little over one hundred PREBAC 600 and 800 litre models. Their solidity and durability is beyond reproach. These are the best drinking troughs I know! Their quality is uncontested. As a matter of fact, we are planning to buy 50 to 70 additional PREBAC troughs this year.



Isothermal Drinking Trough



- ⊕ frost-free without electricity
- ⊕ compact, easy to move
- ⊕ cool water in summer
- ▲ manual filling
- ⊕ floating insulating cover



ISOBAR 250™

An isothermal, frost-free trough without electricity, ideal for watering 1 to 3 horses in areas where there is no water supply (manual filling).

To drink, the horse pushes easily on the lens in the centre of the floating lid. This protects the water whatever the remaining level.

Frost-free in winter down to -15°C for 60 hours* without electricity (under shelter to avoid icy precipitation).

Keeps water fresh and algae-free in summer.

Made of HDPE filled with foam insulation.

Smooth walls and large Ø100 mm drain.

Usable volume of 180 litres, enough to water a horse for a week in winter.

3 ground anchorage points.

Dimensions Ø100,5 x 65 cm.

Ref
1751

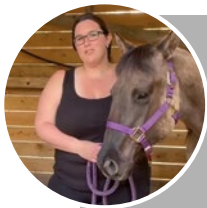


For larger horses, raise the ISOBAR 250 by creating a base 15 to 25 cm high.



MEADOW/PADDOCK

Drinking Solutions



No more freezing water in winter!

Sarah SAINT-JEAN, horse owner in Quebec (Canada).



Water stays cleaner and fresher for longer

Vanessa TILQUIN, horse owner in the north of France.



Watch the video on www.labuvette.com



Watch the video on www.labuvette.com



- ⊕ frost-free without electricity
- ⊕ fresh, algae-free water in summer
- ⊕ constant water level (32l/min)
- ⊕ + over 30 years' experience
- ⊕ vertical drain overflow
- ⚠ training sometimes required



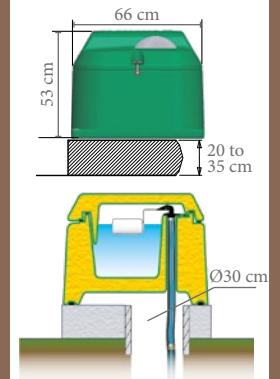
THERMOLAC™ GV

Isothermal, frost-free drinking trough without electricity, fitted with a constant-level valve. To access the water and drink, the horse pushes the sphere, which releases easily. Frost-proof in winter down to -30°C without electricity (depending on the frequency of drinking). Keeps water fresh and algae-free in summer. Made from HDPE filled with insulating foam. Smooth walls and large Ø100 mm drains. Up to 15 horses per water access. 4 anchoring points on concrete base.



For larger horses, install the THERMOLAC on a concrete base.

Dimensions and masonry advice in the assembly instructions on labuvette.com.



- Ref**
1671 2 access (75GV)
1672 1 access (40GV)
1680 4 access (180GV)

B' models with 1 or 2 removable ¼ turn cups (without sphere) for young foals.



- Ref**
1677 1 access (40B)
1676 2 access (75B)



To train horses, slide the float to the very bottom of its pin. The lower water level will make it easier to push on the ball. Let the horses get used to it for a few days and then raise the water level.



Pushing the ball quickly becomes a real game for horses and ponies.



Horses get used to it very quickly

Emmanuel RIALLAND, Hus stud farm in Petit Mars (44) harasdehus.com

We've installed 8 THERMOLAC 75 GV waterers for the pregnant mares in stalls and 25 THERMOLAC 40 GV outside, in paddocks and pastures, and we're very happy with them. Initially, we bought them to combat frost during the winter. In the end, they keep the water very cool in the summer, when it's very hot, and above all the water stays clean all year round.



Watch the video on www.labuvette.com



Water supply possibilities



Frost-free without electricity



- ⊕ frost-free without electricity
- ⊕ fresh, algae-free water in summer
- ⊕ constant water level (32l/min)
- ⊕ Spacious, easy access to the water
- ⊕ vertical drain overflow
- ⚠ training sometimes required



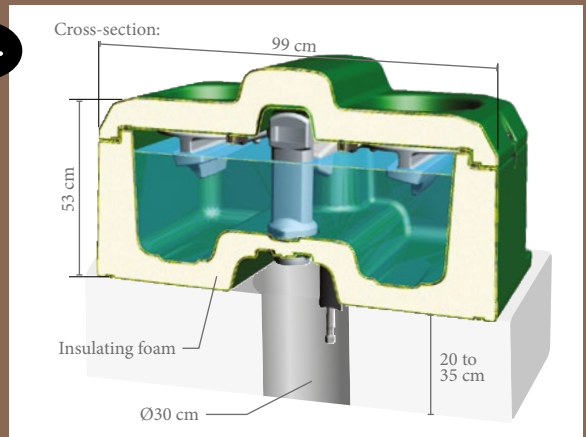
THERMOLAC™ GA

Isothermal, frost-free drinking trough without electricity, fitted with constant-level float valve. To access the water and drink, the horse pushes the floating flap very easily. For novice horses, access to the water is wider and pushing is easier than on drinkers with spheres. Frost-free in winter down to -30°C without electricity (depending on how often horses drink). Keeps water fresh and algae-free in summer. Made from food-grade HDPE filled with insulating foam. Smooth walls and large Ø100 mm drains. Up to 15 horses per water access. 4 anchoring points on concrete base.

- Ref**
1612 1 access (40GA)
1613 2 access (75GA)



All THERMOLAC™ covers are now hinged for easy maintenance.



The new ¼-turn vertical drain channels the water so that it does not foul the area around the trough. Its overflow is a safety feature in the event of float failure.



Accessories for THERMOLAC™ all versions:

NEW

GA «retrofit» cover kits

To convert your existing THERMOLAC™. Compatible on all our 40 and 75 models.

- Ref**
A640 «GA» adaptable cover, 1 access (40)
A641 «GA» adaptable cover, 2 access (75)



Watch the video on www.labuvette.com



Ref. A613 Low pressure float valve (<1bar)



Ref. A456 1m long insulating jacket for water supply





- ⊕ water changed frequently
- ⊕ very smooth mechanism
- ⊕ frost-free without electricity
- ⚠ training sometimes necessary
- ⚠ water supply from below



FORSTAL™ paddle

Shock- and wear-resistant synthetic bowl.
 Short paddle for easy cleaning or long pusher paddle for horses not accustomed to it.
 Elbowed brass connection.
 Flow rate 12 l/min (at 3 bar).
 4-point wall mounting.
 Dim. 32,5 x 24 x 20 cm.

Ref
3022 short paddle
3021 long paddle

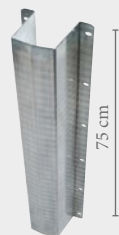
Fasteners on post
Ref. A331 Ø102 mm
Ref. A336 IPN



Insulating jacket.
Ref. A456



75 cm long protection frame for water supply.
Ref. A358

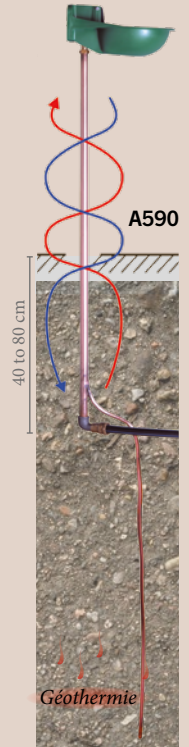


Frost protection without electricity

The **Geothermal Probe** protects a FORSTAL paddle from freezing down to -15°C without electricity.

It takes the form of a copper water inlet pipe into which a probe filled with a heat-transfer gas is inserted.

The outer part of the probe is sunk into the ground. In this way, it will transmit the heat from the ground to the drinking fittings.
 For optimum efficiency, install the bowl under cover.
 Cover the exposed part with an insulating jacket (sold separately).



Watch the video
[facebook/labuvette.cheval](https://www.facebook.com/labuvette.cheval)



FORSTAL Paddle
 + Geothermal probe A590



- ⊕ water changed frequently
- ⊕ wide access to water
- ⊕ electric frost-proof versions
- ⚠ sheltered installation is better
- ⚠ water inlet only from the ground



LAKCHO 2™

One-piece, impact-resistant, double-walled HDPE bowl. Stainless steel lip and cover. 5.5-litre capacity. Flow rate 10 l/min (at 3 bar). Adjustable water level. Mounted on HDPE stand (or concrete Øint. 300 mm). Tool-free draining. Dim. Ø39 x 35 cm

- Ref**
1640 heating 24V - 50W
1840 heating 24V - 80W
1642 heating 24V - 180W
1730 without heating



STALCHO 2™

One-piece, impact-resistant, double-walled HDPE bowl. Stainless steel lip and cover. Long and easy to push paddle. Flow rate 13 l/min (at 3 bar). Mounted on HDPE stand (or concrete Øint. 300 mm). Tool-free draining. Ø39 x 35 cm.

- Ref**
1641 heating 24V - 50W
1841 heating 24V - 80W
1731 without heating



Electrical heating set



Heating version feature a 24V heater and an operating light. Transformer 230/24V mandatory, to be ordered separately. Frost-free down to -20°C, perfect for active stable.

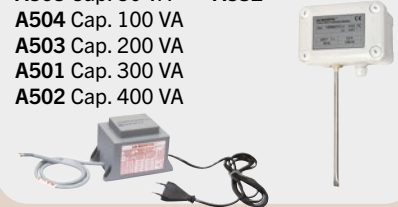


Mandatory:
Transformer 230/24V

Recommended:
Automatic heating according to ambient temperature.

- Ref.**
A505 Cap. 50 VA
A504 Cap. 100 VA
A503 Cap. 200 VA
A501 Cap. 300 VA
A502 Cap. 400 VA

A532



Insulated HDPE stand protects water inlet from below. 4 floor fixing points.



Cross-section of the double skin filled with insulating foam.



H. 740 mm
Ref. A573

H. 600 mm
Ref. A572

H. 400 mm
Ref. A570



An alternative for unshod horses, the **BIGCHO 2** and **BIGSTAL 2** have a stainless steel bowl and a non-nibbling metal rim. See pages 9 and 15.



LAKCHO2 80W + Stand A570



Collective Frost-Free Drinking Troughs



- ⊕ Great access to water
- ⊕ Natural drinking
- ⊕ Safe electrical frost protection
- ⊕ Polyethylene base + stainless steel trough
- ▲ Stabilise the surrounding area



MICHIGAN DUO™

Double-access drinking trough with stainless steel bowl integrated into a double-walled polyethylene base. Brass connection with 2 inlets from below. Flow rate 80 l/min (at 3 bar). Large Ø100 mm 'dry hand' drain. 5-point fixing on concrete base. Dimensions: 101 x 64 x 74 cm.

Ref
2430 MICHIGAN DUO - 2 access - 52 l.



BAÏKAL 230™

2.30 m long drinking trough with stainless steel tub integrated into a double-walled polyethylene base. Brass connection with 2 inlets from below. Flow rate 80 l/min (at 3 bar). Large Ø100 mm 'dry hand' drain. 7-point fixing on concrete base. Dim. 234 x 60 x 73 cm.

Ref
2432 BAÏKAL 230 - 4 access - 112 l.



For electrical frost protection



MICHIGAN DUO and BAÏKAL 230 used in active stables can be protected by 1 or 2 175W heating elements glued to the underside of the tub.

Ref.
A401 Kit 175W for MICHIGAN DUO
A402 Kit 350W for BAÏKAL 230

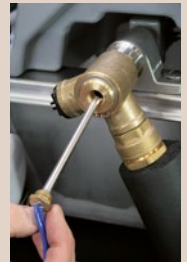
Mandatory: Transformer 230V/24V

Ref.
A503 Cap. 200 VA
A501 Cap. 300 VA
A502 Cap. 400 VA



The valve can also be protected by inserting a 24V heating probe.

Ref.
A395 Probe 20W



The water inlet can be protected with 24V heating cable, p.17.

Ref.
C162 Heating wire 1,50 m 30W

Drinking Solutions



MICHIGAN DUO + frost-free set



BAÏKAL 230 + frost-free set



Water supply possibilities



Electric heating system



Antifreeze loop compatible



Active stable compatible

MEADOW/PADDOCK

Adaptable Float Valves



- ⊕ high flow rates
- ⊕ reliability over time
- ⊕ low maintenance
- ▲ easy to install
- ▲ protect water supply pipes from horses



JUMBO™ / JUMBO+™

Automatic float valve capable of delivering 80 or 100 litres per minute at a standard pressure of 3 bar. Operates from 1 to 5 bar. Water level adjustable without tools. Patented anti-bounce device. Stop pin (for cleaning). Perfect for a large tank or cistern.

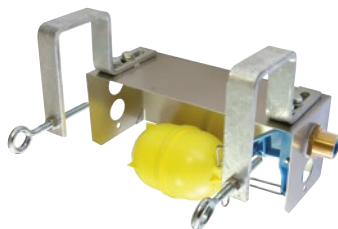


Ref
A634 JUMBO (80 l/min)
A635 JUMBO+ (100 l/min)



LACABAC™

Converts any type of trough into a constant-level drinking trough. Large universal fixing brackets. Automatic valve protected by stainless steel cover. 26 l/min at 3 bar. Water level adjustable without tools. Available in two versions:
 - for standard pressure
 - for gravity connection (cistern)



Ref
A601 LACABAC standard pressure
A608 LACABAC low pressure (<1bar)



LACABAC 80™

LACABAC fitted with a JUMBO delivering 80 l/min at 3 bar. Stainless steel cover and large mounting brackets. For connection to a pressured water supply (from 1 to 5 bar).



Ref
A680

Connected to the mains water supply or a cistern, a LACABAC turns any container into a constant-level drinking trough. A stainless steel cover protects the float valve from horses. The large, adjustable fixing brackets adapt to most edges.



500 mm angled stainless steel braided hose with 3/4" swivel nuts (20x27 mm) F-F with flat gaskets
 Ref. 1080112



Brass elbow F-M 3/4" (20x27 mm)
 Ref. 1290204

NEW



Brass quick-coupling kit for garden hose
 Ref. 4180712



MEADOW/PADDOCK

Drinking Solutions



- ⊕ most flexible mechanism
- ⊕ quick learning
- ⊕ accident-proof design
- ⊕ stimulating
- ⊕ easy to install
- ⚠ winter storage required



AQUAMAT™ II + 7 m suction set

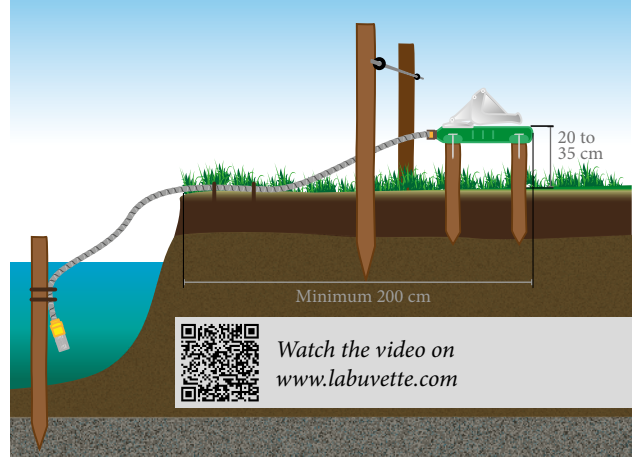
Membrane pump-trough with a highly smooth mechanism, activated directly by the animal. Educational: a small reserve of water visible at the back of the trough encourages the horse to press down on the arm. The arm then comes back into place, pumping out half a litre of water via a membrane. Pumps up to 7 m vertically or 70 m flat. Used by horses for over 20 years.

Ref

2214 Pump + complete 7 m suction set

2209 Pump + MM 1" fitting

2213 Pump + strainer + splined fittings

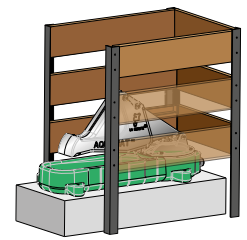


Watch the video on www.labuvette.com



Be sure to anchor your Aquamat™ pump securely to the ground or on a stand. Count on one pump for 1 to 10 horses.

Opposite: Example of a layout to make learning easier and secure the pump.



"VA" model with a small bowl attached to allow the foal to drink and familiarise it with the mechanism.



No more water chores!

Capucine PORÉE, Three-Hearts YouTube channel [three-hearts.fr](https://www.youtube.com/channel/UC...)

Ref

2207 "VA" pump + complete 7 m suction set

2215 "VA" pump + MM 1" fitting

2216 "VA" pump + strainer + splined fittings



Watch the video on YouTube : [Three-Hearts labuvette](https://www.youtube.com/channel/UC...)



Brass + stainless steel strainer with non-return valve
Ref. B105



Splined fitting
Ref. B106



Male-male fitting
Ref. B107



Complete 7 m suction kit: strainer, valve, fitting
Ref. B110



Solar Pumping Station



- ⊕ easy to install
- ⊕ reliable and efficient
- ⊕ easy to move
- ⊕ safe operation
- ⊕ suitable for up to 25 horses
- ⚠ battery to order separately



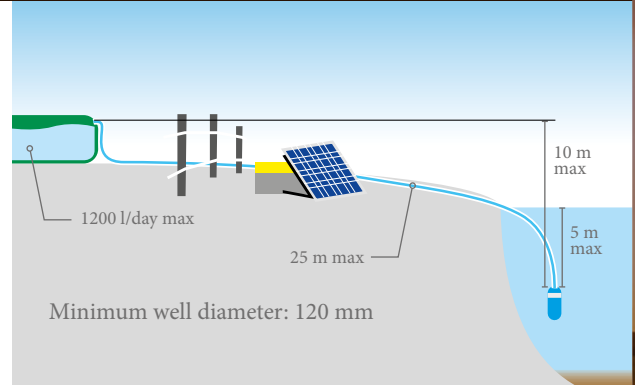
SOLAR-BASIC™

Solar pump kit complete with submersible pump capable of pumping up to 125 l/h. Vertical delivery capacity of 10 m. Kit to be positioned a maximum of 25 m from the pumping point. Cables and hose supplied. Automatic operation controlled by level sensor (included). 85 Ah battery required, not supplied.



Ref
2200

⚠ *The SOLAR-BASIC kit requires an 85 Ah gel battery, maximum size 280x175x190 mm, not supplied. This will pump 1200 l/day for 5 days of very bad weather.*



Hang the SOLAR-BASIC submersible pump from a fixed point using a stainless steel or nylon rope. This will avoid damaging the electrical cable and waterproof connection.

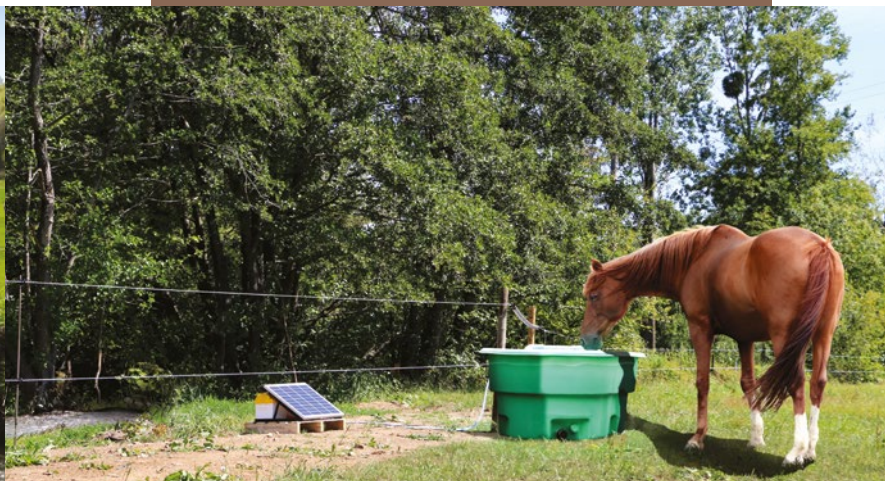


Watch the video guide on www.labuvette.com

Protective cover for level sensor
Ref. 4140180



Need more performance? Discover our 6 other 'SOLAR' solar pump kits.





- ⊕ from 140 to 5600 litres
- ⊕ in virgin HD polyethylene
- ⊕ easy to install
- ⊕ for gravity redistribution
- ⊕ autonomy
- ⚠ instructions to be followed



HDPE cisterns

One-piece high-density polyethylene tanks for water storage. Installation on concrete slab or utility vehicle platform depending on model. Easy to clean. PVC ¼-turn outlet valve supplied. Drilling for connection of a low-pressure drinking trough (to order separately). Can be fitted with a float to automate filling.



DESIGNATION	REF.	WEIGHT	L (cm)	W (cm)	H (cm)
140 l tank	B220	11 kg	80	52	63
270 l tank	B227	15 kg	100	61	80
450 l tank	B221	23 kg	110	65	80
650 l tank	B222	34 kg	152	76	84
1200 l tank	B223	57 kg	170	90	105
1800 l tank	B224	80 kg	220	117	125
2900 l tank	B225	130 kg	255	130	135
4000 l tank	B228	190 kg	240	168	166,5

MEADOW/PADDOCK

Drinking Solutions



BIGLAC 55T

Synthetic trough designed to be fixed and connected to a polyethylene or steel tank. Double access with automatic constant level. Easy to clean.

Ref
1652 55 litre constant water level - low pressure



- | | |
|-------------|------------|
| Ref | |
| B220 | 1200 litre |
| B227 | 1800 litre |
| B221 | 2900 litre |
| B222 | 4000 litre |

FORSTAL in low pressure

the individual bowl to be connected to tank by gravity



By replacing the original red nozzle with a special low-pressure model, you can connect a FORSTAL (p. 10) to a tank. Watch the video on labuvette.com.

Ref
3027 FORSTAL
1090715 low pressure nozzle



B225 tank + BIGLAC 55T mounted on a trailer

Connected Tank Gauge



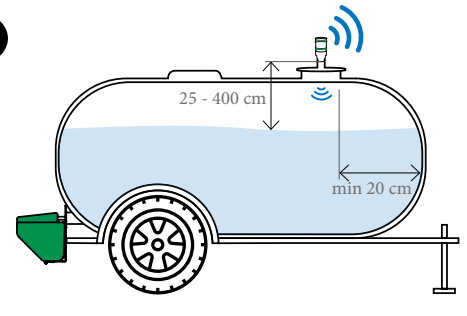
- ⊕ remote level indication
- ⊕ programmable alerts
- ⊕ easy to install and use
- ⊕ consumption monitoring
- ⊕ 2 to 3 years autonomy
- ▲ 1 year free communication



BLUE LEVEL™ gauge

Communicating ultrasonic probe for screwing into a tank vent so you can monitor the level on your smartphone, tablet or computer. Programmable SMS/email alerts to anticipate refilling.
 Intuitive interface for monitoring and tracking consumption. Useful for water (cistern, rainwater tank) or any other liquid (fuel oil).
 Runs on LR03 batteries (included) for 2 to 3 years.

Ref
AE30 Gauge + 1 year LoRa® communication
AE31 Gauge + 1 year Sigfox® communication



bluelevel.dashboard-labuvette.io



Choose the low-energy network with the best coverage for your location.

- LoRa** LoRa network coverage:
 • couverture-mobile.orange.fr/mapV3/lora/
- sigfox** Sigfox network coverage:
 • www.sigfox.com/en/coverage





Wellness through the feet

Heavily trampled areas in the pasture, such as around drinking troughs, exercise areas or active stables, need to be stabilised for the comfort and safety of the horses.

D250 synthetic drainage tiles are an effective, long-lasting solution, provided they are laid with care. Lightweight and extremely robust, they are easy to attach to each other and withstand tractor traffic.

Made from recycled plastic.

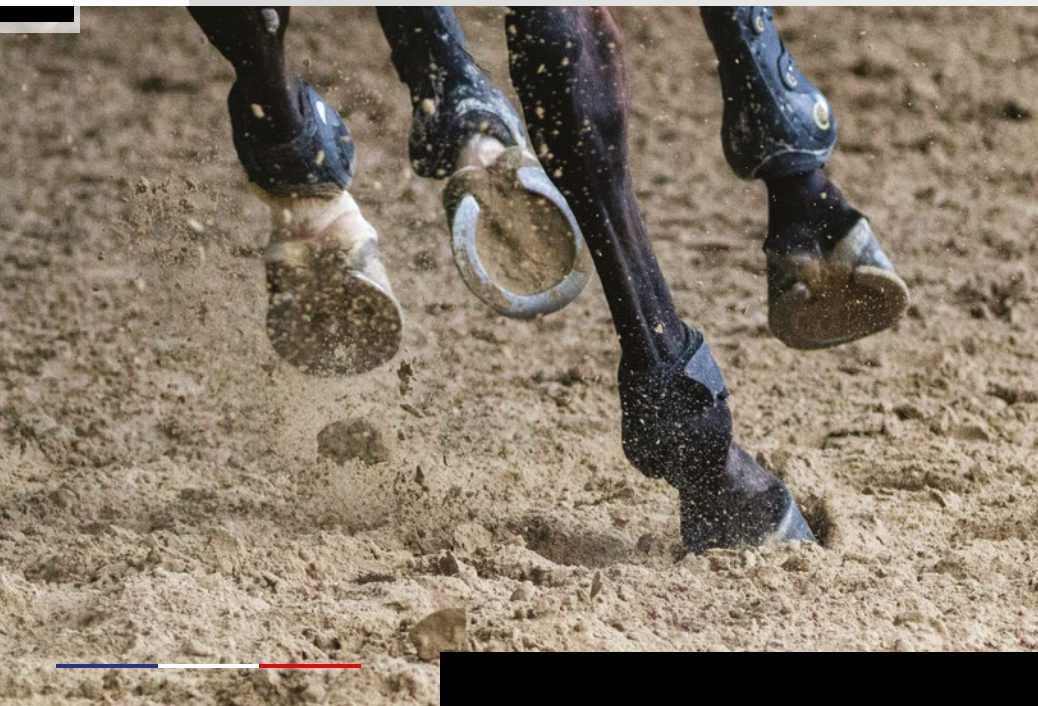


Reinforces the natural qualities of meadow soils:

- **Carrying capacity:** the weight of the animal is distributed over all the slabs under its hooves, i.e. 1 m² instead of 180 cm² (4 hooves x 45 cm²).
- **Permeability:** the soil is no longer compacted by the hooves, and remains permeable to water from rainfall as well as urine and faeces.
- **Filtration:** the filtering capacity of the soil and plant felt is preserved thanks to the total or partial recolonisation around the life points.

The essentials for active stables:

A comfortable floor is essential if horses are to behave naturally, play and roll around. D250 stabilisation tiles not only ensure that the ground withstands the stresses exerted by horses over the long term, but can also be used to mechanise cleaning. An initial investment that will give your facilities a much longer lifespan and avoid numerous maintenance and repair costs.





- ⊕ robust and durable
- ⊕ high drainage capacity
- ⊕ easy to assemble
- ⊕ lightweight (transport/handling)
- ⊕ lighter soils
- ⚠ proper installation

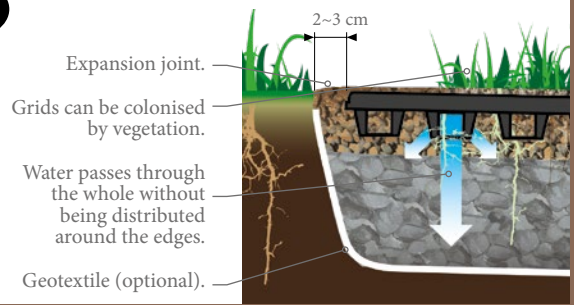


Stabilisation Grids

Extremely robust tiles with high drainage capacity thanks to an exclusive design. Clip together easily to distribute loads. Suitable for both vegetated and non-vegetated areas. Can withstand heavy machinery. Dimensions of one grid: 60 x 40 x 5.5 cm. Weight: approx. 1 kg. In meadows, allow at least 3 m of grids around a living area for horses, 2 m for Shetland ponies.

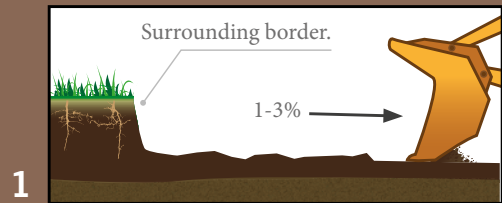
Ref
D250 4 stabilisation grids, i.e. about 1 m^{sq}.

⚠ **For vegetated stabilised ground, you need to give the vegetation time to take root before letting the horses back in.**

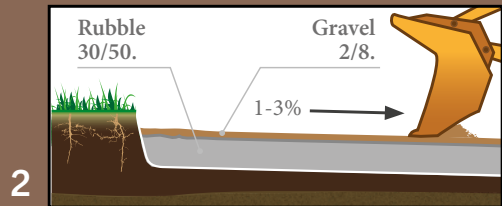


IMPORTANT:

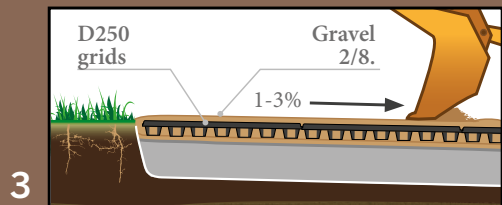
Create kerbs around the edge of the stabilised surface to hold the perimeter grids in place. If these kerbs are subject to heavy stress, the perimeter grids can be fixed using anchor bolts.



Before LA BUVETTE® floor covering is laid, the surface must be sufficiently dry and prepared according to the nature of the floor, with a slope of 1 to 3%.



Fill with permeable 30/50 rubble to a depth of 20 cm, then level the surface with a suitable machine. To finish, spread a layer of 2/8 gravel 1 to 2 cm thick.



Lay the first D250 grid in a corner with the hooks facing the surface to be covered and progress diagonally. Leave a free space of 2 to 3 cm between the kerbs and the perimeter grids (expansion joint). Fill the D250 grids with a permeable material (2/8 gravel) immediately after laying. Allow a quantity of excess filling material to allow for settlement in the first few weeks after laying (1 to 2 cm).





- ⊕ preserves the food
- ⊕ reduces waste
- ⊕ easy to handle
- ⊖ for hay balls up to Ø180 cm
- ⊖ not recommended for young foals



NEW

Haybell feed rack

Hay racks for hayballs up to Ø160 and Ø180 cm. Durable, UV-resistant, maintenance-free HDPE monoblock.

Wrap-around design for optimum fodder preservation and reduced wastage. 80 cm or 120 cm high, 35 cm wide openings protected from run-off by gutters. Easy to handle.

4 anchoring options. Hoisting eye

Ref

D230 Ø180 x 150 cm

D277 Ø205 x 188 cm



Be sure to anchor your rack in the ground. Allow a maximum of 10 animals per feedbox.

Once it's up and running, make sure you always fill it with fodder so that the horses don't move it or damage it as they try to feed.

HDPE bell base. Prevents rising damp due to capillary action.

Ref.

D229 Ø180



“They last very well over time”

Johanna LESTRADE, Manager of the Domaine de Bargues horse boarding school (France) domainedebargues.fr

We take in around fifty horses of all types, sport, leisure, retirement and even injured. They are all fed as much hay as they want, which is why we have bell racks in all our paddocks. LA BUVETTE are the most solid racks we've seen on the market. They offer good value for money and last very well indeed. The bell bottom effectively protects the hay from the ground and limits wastage.



Watch the video on www.labuvette.com



- ⊕ stability (anti-rollover)
- ⊕ shock and wear resistance
- ⊕ food safe material
- ⊕ durable



15,5L feeder

Polyethylene feeder to be fitted in a minimum 175/14' tyre (not supplied).
Can be cleaned with a high-pressure jet.
Dimensions: Ø33.5 x h. 19.5 cm.
Capacity: 15.5 litres.

Ref
D158



21L feeder

Very sturdy meadow feeder made from double-walled polyethylene that can be weighed down. Very stable, it is difficult for horses and ponies to turn it over. Can be cleaned with a high-pressure jet.
Dimensions: Ø61 x h. 24 cm.
Capacity: 21 litres.

Ref
D167



Long feeders

1 and 2 m long troughs, to be placed on the ground. Made of food-safe HDPE. Very stable base. Flat bottom. Can be cleaned with a high-pressure jet.
Dimensions: 100 x 35 x 13 cm or 200 x 35 x 13 cm.
Capacity: 16.6 and 36.7 litres.

Ref
D238 1 m
D239 2 m



22 L wall feeder

Feeder made from high-density polyethylene. Robust and durable. Large, comfortable access. Anti-spill edge. Easy to clean. Drain plug.
Dimensions: 49 x 40 x 28.5 cm.
Capacity: 22 litres.
2 fixing points for wall or post.

Ref
D168



Not even Ace can topple it!

Capucine PORÉE, Three-Hearts YouTube Channel
[three-hearts.fr](https://www.youtube.com/channel/UC...)



Watch the video on YouTube :
[Three-Hearts labuvette](#)





⊕ for intensive use

⊕ lightweight and robust

⊕ designed to last

⊕ reduces drudgery

⚠ packaging to be respected (dealer)



Manure scoop

Lightweight, hard-wearing synthetic manure rake and shovel combo. Longer handle for greater comfort.

Ref
A709 box of 5 pieces



Manure fork

Very light, flexible but extremely strong synthetic fork. Aluminium handle with ergonomic 'D' grip. For sand, sawdust and shavings.

Ref
A707 box of 5 pieces



NEW



Triangle rake

Synthetic rake, width 80 cm. Beech handle.

Ref
A711 box of 6 pieces



330L / 600L dumping wheelbarrows

Balanced wheelbarrows to reduce fatigue. The load is carried entirely on the axle. Ø400 mm ball-bearing pneumatic wheels. Wear-resistant glides. Grip handles. High-density polyethylene tub with welded double-walled rim and stainless steel protection. Dumps easily over 90° for complete emptying. Safety strap. Galvanised steel frame. Dimensions: L. 175 x W. 83 x H. 86 cm and L. 203 x W. 101 x H. 106 cm

Ref
D186 330L
D187 600L



0033 324 523 720
commercial@labuvette.com

Advice and after-sales service

As a specialist manufacturer, we're keen to share our expertise so that users of our equipment are as satisfied as possible. We are available by telephone and locally. Choose your contact :

labuvette-waterers.co.uk/assistance

Sales points

Our products are available in thousands of shops around the world, as well as on numerous e-shops. Find yours here:

labuvette-waterers.co.uk/storerevendeurslocator

Spare parts

Pour entretenir, faire durer ou réparer nos matériels, nous proposons plus d'un milliers de pièces de rechange disponibles rapidement dans nos points de vente. All our exploded views are available on our website:

labuvette-waterers.co.uk/spare-parts

Video tutorials

There's nothing better than a short video to explain how to install or repair a drinking trough. Subscribe to our channel so you don't miss a thing:

labuvette-waterers.co.uk/communication/advice/videos-tutorials



As we are constantly striving to improve our products, their characteristics are given for information only, subject to typographical errors and to change without notice. Visuals are not contractual. Unless otherwise stated, our products are guaranteed for 1 year against any manufacturing defect.

A French designer and manufacturer based in the Ardennes department, LA BUVETTE exports its products all over the world. It is part of the French industrial group SOFILAB, which employs around 200 people.



Brands of the SOFILAB group





labuvette.com



LA BUVETTE



la_buvette_agri



labuvette.cheval



@la_buvette



la-buvette-sas

LA BUVETTE



The Specialist in Livestock Drinking Solutions

LA BUVETTE SAS - Rue Maurice Périn
Parc d'Activités Ardennes Emeraude - CS 50749 Tournes
08013 CHARLEVILLE-MÉZIÈRES Cedex - FRANCE
Tel. 0033 324 523 720 | commercial@labuvette.com

RCS SEDAN 785 720 012 - ID. TVA : FR 05 785 720 012.

Member

