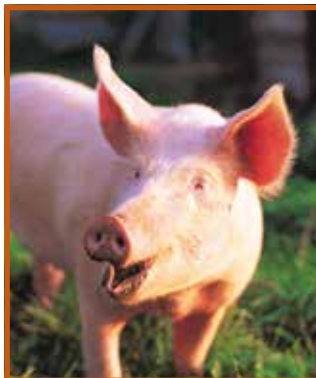


DRINKING BOWLS FOR YOUR ANIMALS' WELLNESS



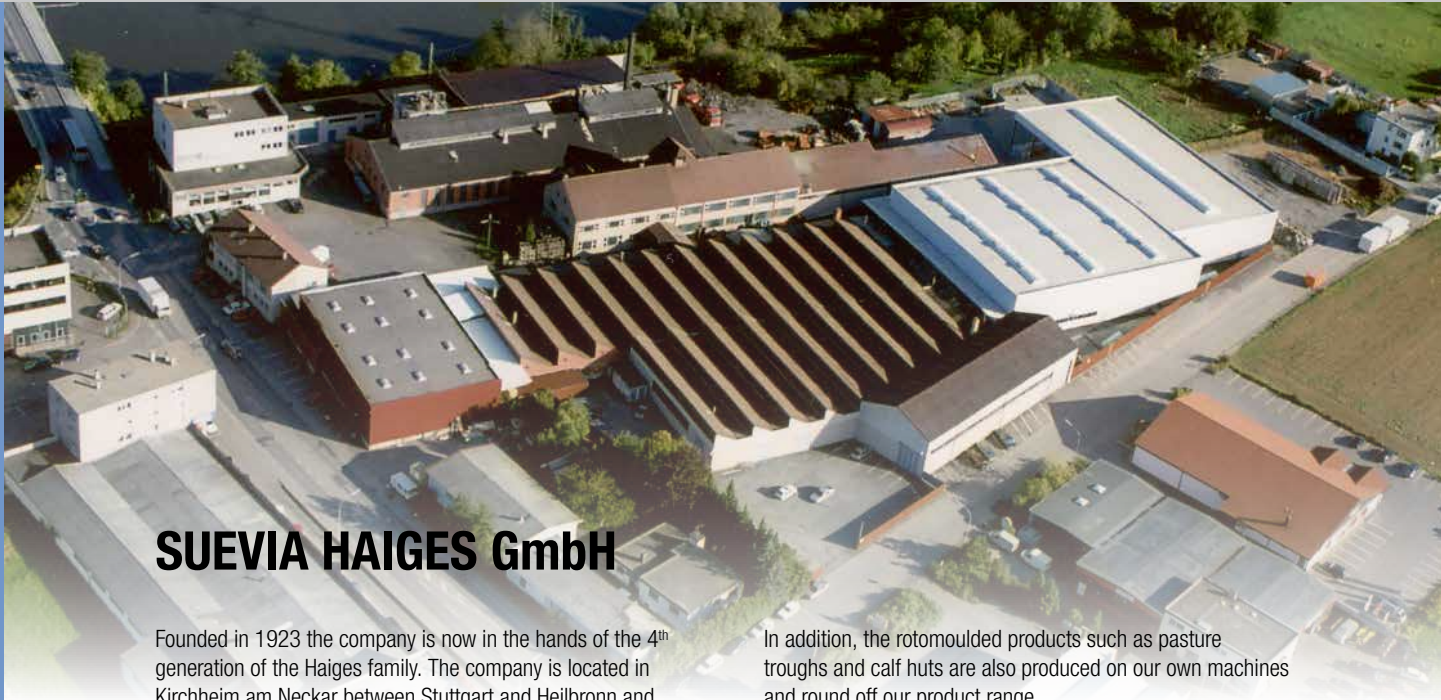
CATALOGUE 2019



CATTLE
HORSES
SHEEP
GOATS
PIGS



INTERESTING FACTS ABOUT SUEVIA



SUEVIA HAIGES GmbH

Founded in 1923 the company is now in the hands of the 4th generation of the Haiges family. The company is located in Kirchheim am Neckar between Stuttgart and Heilbronn and lies in the middle of Swabia, which in old maps was called "SUEVIA", the land of the "Suebs". The company's name is therefore derived from this earlier geographical area. The region itself is world-renowned for its inventors and excellent products and we feel bound to uphold these traditions.

Currently approximately 150 employees produce in house all the components for our products, which are exported worldwide. Our subsidiary RICO in Reims has represented us in French market for decades.

The brand new foundry produces the highest quality cast iron drinkers and our modern enamel plant guarantees an unsurpassable enamel finish. We attach great importance to the reliable operation of our drinkers. This is achieved using robust and long lasting valves, which we manufacture on our own automatic lathes.

So pigs, for example, are provided in an excellent way with fresh water due to the special shaped form of the bowl which prevents it from fouling. Moreover thanks to easy-running tube valves and ideal installation in the interior of the bowl animals can drink but not play with the valves, which reduces water spillage to a minimum. In addition easiness in water flow adjustment from outside by a regulation screw integrated in the valve gives the farmer in seconds the desired water flow quantity according the existing pressure conditions.

Our stainless steel troughs in different versions and lengths, either tip over or quick drainage versions, are produced by SUEVIA on the latest high-tech machines.

In addition, the rotomoulded products such as pasture troughs and calf huts are also produced on our own machines and round off our product range.

We remain abreast of market requirements continually improving our products and extending the range by taking part at all of the major worldwide agricultural fairs and through maintaining close contact to advance research establishments and of course to our customers, the farming community. Inhouse moulding and tooling shops allow us to react very quickly to changing market demands and also local needs.

SUEVIA can supply a complete trough, drinker and accessory program for animals of all ages. Our animal breeding and rearing products such as calf huts and cow brushes are also highly regarded world-wide and are very popular, too! We would like to stress that we welcome any and all of your suggestions and proposals to improve our products. All new ideas can be jointly further developed.

Water is the very foundation of life and the basis for successful breeding! Every animal should always have access to sufficient amounts of water. The SUEVIA drinker concept and philosophy aims at providing the ideal and most economical provision of water to your animals. An optimal drinking concept is the basic pre-requisite of not only ensuring healthy animals but also decisive for the success of your operation.

As such SUEVIA promotes and enables your success!

SUEVIA – leader in drinkers! They are made to last!





TABLE OF CONTENTS AND SYMBOL EXPLANATION

6 Drinking Bowls for Calves, Horses



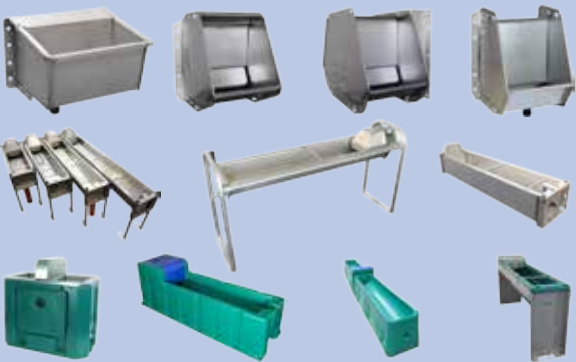
10 Drinking Bowls for Cattle, Horses



16 Heated and Frost-Protected Drinkers



34 Drinking Bowls for Free Stalls



57 Pasture Troughs and Drinkers



66 Float Valves



68 Accessories



72 Calf Huts



76 Cow Brushes



80 Drinking Bowls for Sheep and Goats



87 Drinking Bowls for Pigs



All prices are valid for industrial, commercial and trade enquiries as well as for other individuals. All offers are subject to change; they become binding by our order confirmation and in case that parts are ex-stock upon delivery. Subject to availability we reserve the right to modify products resulting from further development, changes in model or type and cannot be held responsible for any printing errors. Due to the printing constraints the colors of products may sometimes differ to those shown in the catalogue. All prices in earlier catalogues or in price lists are superseded by those in this catalogue edition. Prices are to be understood ex works, packing excluded. Our general delivery conditions are valid, which we gladly send you upon request. Our contact address can be found on the rear.

Suited for:



Cattle,
Dairy Cows

Calves

Horses

Sheep

Goats

Pigs

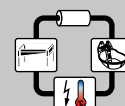
Piglets

Dogs

Symbols explanation:



Package unit:
2 pieces in blister



suited for installation into
a water circuit

PG
2

Price group 2
Special conditions
are valid



DRINKING BOWLS FOR CATTLE

Drinking Bowls for Cattle

The following gives you an insight into the SUEVIA drinking bowl program for cattle.

In this category you will find drinking bowls made of high-quality cast iron, stainless steel, plastic or polyethylene. For free stalls we can offer you a large range of heated or frost-protected drinking bowls. For dairy cows you can choose between compact high-capacity valve trough drinkers or large voluminous troughs. For pasture animals we also offer you a wide range of systems.

The basis for the design and development of our drinking bowls is our long-standing experience and close cooperation with farming and agricultural research experts.

Our cast iron drinking bowls are coated with a high-quality enamel finish, which provides an excellent and hygienic surface protection for years.

We place extreme importance in the choice of high-quality stainless sheet steel for our products.

Our polyethylene products are of course made of a premium quality UV-resistant material. The specific material characteristics are tuned to the particular type of drinker's application.

Should you have any questions to the type of trough or drinker best suited to your particular needs please feel free to ask us for assistance or advice!

	Animal weight in kg	Daily milk production in kg	Average water intake in liter /animal /day (ambient temperature 5 °C)	Average water intake in liter /animal /day (ambient temperature 29 °C)	Mounting height of drinking bowls in cm
Calf	90 180	–	8 14	13 23	40 – 60
Cattle	350	–	25	40	60 – 70
Dry cow	630	–	40	60	60 – 90
Dairy Cow	–	27 45	85 125	105 180	70 – 100

The mounting heights indicated in this list are standard values. It has, however, to be taken care to the individual type of animal and the intended use of the drinker on the spot. Water intake always depends on local ambient temperature.





Drinking Bowls with a Tongue Valve

Drinking bowls with a tongue valve are the classic model. The valve is actuated through pressure on the tongue and the water flows into the drinking bowl. We recommend drinking bowls with tongue valves mainly for cattle with horns or for easy to care for animals with a nose ring.

Cleaning the bowl regularly is of great importance as dirt particles and feeding leftovers are likely to adhere to the back of the activation tongue. In the 1980s therefore SUEVIA had already developed the very first drinking bowls with a tube valve in order to reduce maintenance work to a minimum.

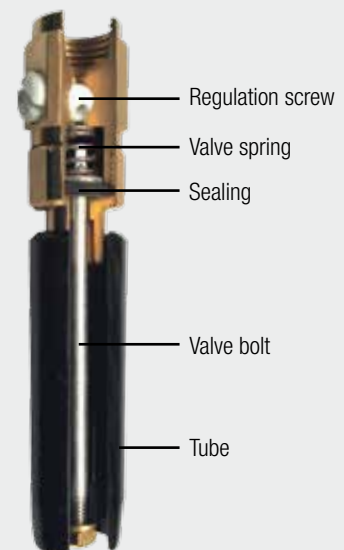
Drinking Bowls with a Tube Valve

Today drinking bowls with a tube valve are used for almost all animals, as animals can reach the bowl very easily. The animal's bridge of the nose activates the valve easily. Even side activation is possible and uncomplicated. The water flows into the drinking bowl after pressing the tube valve and the animal can now drink as much water as it needs. If the drinking bowl is equipped with a **regulation screw**, the **water flow can be continuously adjusted from outside**. Even sensitive animals will accept this tube valve system!

During maintenance work for example the valve spring can easily be replaced by unscrewing the lower part of the valve and all relevant parts are accessible. On tube valves which are equipped with a regulation screw, the water supply of the drinker can be turned off for changing the valve. The water supply line has not to be completely cut off, still giving the rest of the animals the chance to drink.

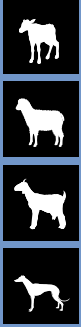


Cross section of a valve tube with a regulation screw





DRINKING BOWLS FOR CALVES



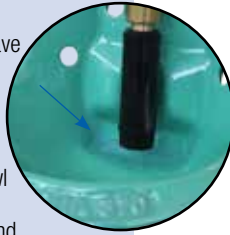
also with 1/2" stainless steel valve

131.0152

INSIDER TIP!

Drinking bowl with drink inducer for sheep, goats, calves and dogs

In order to guarantee that young stock is brought up in a healthy manner, it is necessary that they learn to drink enough water independently at an early stage. Therefore on Model 370 and 375 we have located a small **enticement basin** behind the tube valve. Young stock, which have not yet learnt how to activate the valve can lap up the remaining water out of the enticement basin. With time they will learn to drink water from this bowl and automatically learn how to use the easy to activate tube valve. An early, independent and sufficient water supply is guaranteed this way.



Drinking Bowl with Drink Inducer

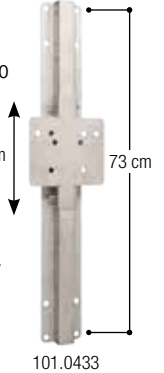
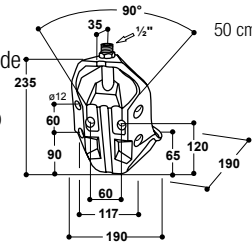
Model 370 with 1/2" brass valve

Order Ref. 100.0370

Model 370 with 1/2" stainless steel valve

Order Ref. 100.0379

- Bowl made of **cast iron, completely enamelled**, easy to clean
- **Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- With **enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- 1/2" female connection from the top
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



ACCESSORIES:

- **1 fixing bracket** (Order Ref. 131.0152), for fixation on 1" – 1 1/2" pipes
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR: Calves, sheep, goats, dogs

Order Ref.	Type	Packing Hints
100.0370	Drinking bowl Mod. 370-MS1/2", brass valve	1 piece/box
100.0379	Drinking bowl Mod. 370-VA1/2", stainless steel valve	1 piece/box
131.0152	Fixing bracket M10 1" – 1 1/2", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece

Drinking Bowl with Drink Inducer

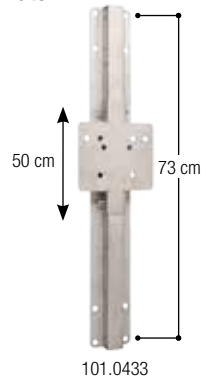
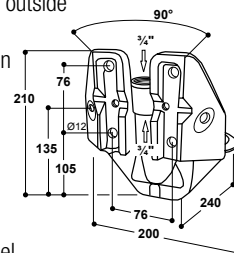
Model 375 with 3/4" brass valve

Order Ref. 100.3753

Model 375 with 3/4" stainless steel valve

Order Ref. 100.3759

- Bowl made of **cast iron, completely enamelled**, easy to clean
- **Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- With **enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- 3/4" female connection from top and bottom: **suited for installation into water circuits!**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



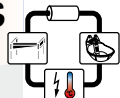
ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169), for fixation on 1" – 1 1/2" pipes
- **Connection set for 3/4" water circuits** (Order Ref. 103.1983), made of stainless steel, for easy installation into water circuits
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR: Calves, sheep, goats, dogs

Order Ref.	Type	Packing Hints
100.3753	Drinking bowl Mod. 375-MS3/4", , brass valve	1 piece/box
100.3759	Drinking bowl Mod. 375-VA3/4", stainless steel valve	1 piece/box
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1983	Connection set for 3/4" water circuits	1 piece/bag

SUITED FOR WATER CIRCUITS



also with 3/4" stainless steel valve



131.0169

131.0169



103.1983



102.1127





DRINKING BOWLS FOR HORSES AND CALVES

Drinking Bowl Model 10P

Order Ref. 100.0010

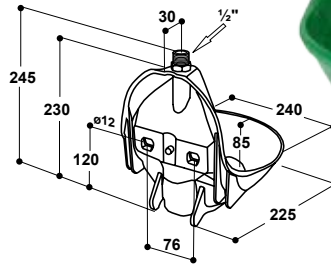
- Bowl made of **top quality AQUATHAN plastic**
- Extremely flexible, flexes on impacts, shock-resistant
- **No sharp edges, no risk of injury**
- Smoothly running brass tube valve with 1/2" male connection from the top
- Calm water flow through tube valve, **with enticement basin**
- Water flow regulation by enlarging the nozzle boring

ACCESSORIES:

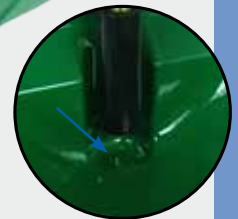
- **1 fixing bracket** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes

RECOMMENDED FOR:

Calves, horses



131.0169



with enticement basin

Drinking Bowl

Model 12P green with 3/4" brass valve

Order Ref. 100.0123

Model 12P green with 3/4" stainless steel valve

Order Ref. 100.0129

Model 12P black with 3/4" stainless steel valve

Order Ref. 100.0128

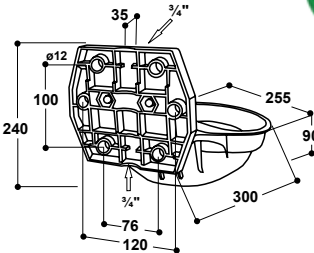
Model 12P golden pink with 3/4" brass valve

Order Ref. 100.0122

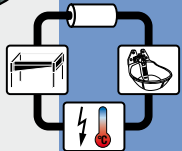
- Bowl made of **top quality AQUATHAN plastic**
- Extremely flexible, flexes on impacts, shock-resistant
- **No sharp edges, no risk of injury**
- Smoothly running tube valve in **3/4" brass or 3/4" stainless steel**
- **Female connection from top and bottom**
- Water flow **continuously adjustable** from outside by means of a **regulation screw**
- Calm water flow through tube valve

ACCESSORIES:

- **2 fixing brackets** (Order Ref. 101.0167, reinforcing plate incl.) for fixation on 1 1/2" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1983) in stainless steel, for easy installation into water circuits



also with 3/4" stainless steel valve



RECOMMENDED FOR:

Calves, horses

Order Ref.	Type	Packing Hints
100.0123	Drinking bowl Mod. 12P-MS3/4" green	5 pieces/box
100.0129	Drinking bowl Mod. 12P-VA3/4" green	5 pieces/box
100.0128	Drinking bowl Mod. 12P-VA3/4" black	5 pieces/box
100.0122	Drinking bowl Mod. 12P-VA3/4" golden pink	5 pieces/box
101.0167	Fixing bracket 1 1/2" – 2", with plate	1 piece
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1983	Connection set for 3/4" water circuits	1 piece/bag



NEW COLOR



101.0167



101.0167



3/4": 103.1983



102.1127



DRINKING BOWLS FOR CALVES + HORSES



Drinking Bowl with Float Valve

Model 130P (plastic) for max. 5 bar

Order Ref. 100.0130

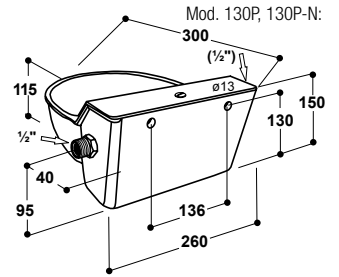
Model 130P-N (plastic) for max. 1 bar

Order Ref. 100.0131

Model 340 (cast iron, enamelled) for max. 5 bar

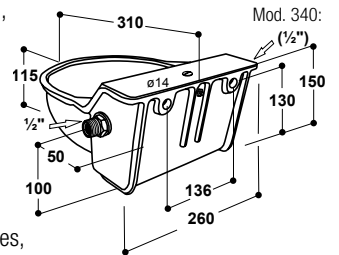
Order Ref. 100.0340

- Large bowl made of **UV-resistant AQUATHAN plastic** or **cast iron, black enamelled**
- Float valve allowing quick water flow
- Mod. 130P + 130P-N: with **plug** for quick drainage
- Removable cover in stainless steel
- No sharp edges, no risk of injury!
- Constant water level – simple adjustment
- ½" male connection from right or left hand side
- Mod. 130P-N: for low pressure up to 1 bar



ACCESSORIES:

- **Elbow union ½" x ½" f/f** (Order Ref. 102.0352) for connection of water line from top or bottom
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps



RECOMMENDED FOR:

MOD. 130P / 130P-N:

Calves, horses, sheep, dogs

MOD. 340:

Cattle (with anti-suction ring), bulls (with nose ring), calves, horses, sheep, goats, dogs, deer

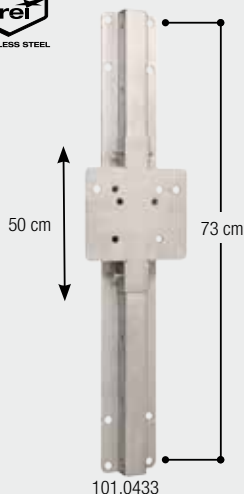
Order Ref.	Type	Packing Hints
100.0130	Drinking bowl Mod. 130 P	1 piece
100.0131	Drinking bowl Mod. 130 P-N	1 piece
100.0340	Drinking bowl Mod. 340	1 piece/box
101.0433	Height regulation without tools, in stainless steel	1 piece
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag

Height regulation without tools in stainless steel

Order Ref. 101.0433

- **Completely made in stainless steel**
- Length 75 cm, adjustable height range 50 cm, in 10 cm-steps
- Enables to adjust the height of drinking bowls **without tools**
- For drinking bowls Model 130P, 130P-N, 340, 350, 370, 375
- Connection of drinker by means of a flexible tube

Order Ref.	Type	Packing Hints
101.0433	Height regulation without tools, in stainless steel	1 piece



Moved downwards



Height regulation with Model 130P



Moved upwards



NIPPLE DRINKER FOR CALVES AND BULLS

SUEVIA Nipple Drinker for Calves and Bulls Model 326

Order Ref. 180.0326-1

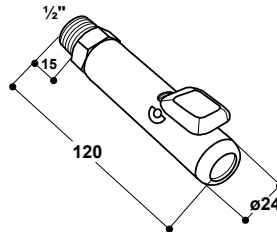
- Robust mouthpiece **made of stainless steel**
- Easy adjustment of water quantity to the existing water pressure by exchanging the enclosed nozzles
- ½" male connection
180.0326-1 Connection in brass
180.0330-1 Connection in stainless steel

ACCESSORIES:

- **Wall angle, cast iron** (Order Ref. 101.0328)
- **Protection bracket** for nipple drinker for calves and bulls, galvanized (Order Ref. 181.0327), inclusive mounted wall angle Model 328, made of cast iron, with ½" connection possibility from top and bottom, suited for wall and pipe fixation, inclination 10°
- **1 double bracket** (Order Ref. 101.0179), for fixation on 1¼" – 2" pipes
- **¾" Circuit pipe in stainless steel**, with 2 female exits ½", 2 male connections ¾" (Order Ref. 103.2007)

RECOMMENDED FOR:

Calves, bulls, sows, boars



180.0326-1



180.0330-1



101.0328



101.0179



181.0327



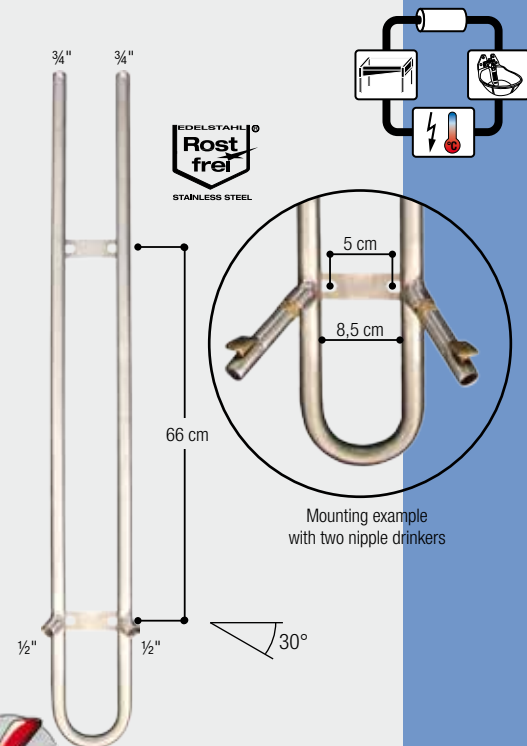
Order Ref.	Type	Packing Hints
180.0326-1	Nipple drinker Mod. 326-MS½" (1 piece in blister)	1
180.0330-1	Nipple drinker Mod. 326-VA½" (1 piece in blister)	1
181.0327	Protection bracket, galvanized, incl. wall angle	1 piece
101.0179	Double bracket 1¼" – 2"	1 set/bag
101.0328	Wall angle Mod. 328, Exit 1x ½", 10°	1 piece
103.2007	Circuit pipe in stainless steel ¾", 2 female exits ½", 2 male connections ¾"	1 piece

Circuit pipe in stainless steel ¾" for 2 nipple drinkers

Order Ref. 103.2007

- **Circuit pipe in stainless steel ¾", with 2 female exits ½"**
- 2 male connections ¾" (on the top)
- For connection of two nipple drinkers Mod. 326 (Order Ref. 180.0326-1) to the circuit and in combination with a SUEVIA heating unit (see pages 28 – 31)
- With two fixing plates
- H x w: approx. 120 x 14 cm
- A protection bar (provided on site) must be installed (e.g. for bulls)

Order Ref.	Type	Packing Hints
103.2007	Circuit pipe in stainless steel ¾", 2 female exits ½", 2 male connections ¾"	1 piece
180.0326-1	Nipple drinker Mod. 326 (1 piece in blister)	1



Mounting example with two nipple drinkers

INSIDER TIP!

SUEVIA nipple drinker for calves and bulls should be mounted approximately 20-30 cm over the animal's back. Thus the animal stretch their neck when drinking and water losses are reduced to a minimum.





DRINKING BOWLS



also with 1/2" stainless steel valve



131.0169



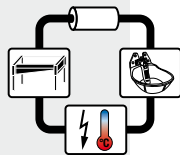
102.1255



131.0169



131.0169



Drinking Bowl

Model 20 with 1/2" brass valve

Order Ref. 100.0020

Model 20 with 1/2" stainless steel valve

Order Ref. 100.0209

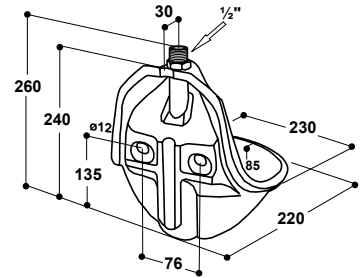
- Bowl made of **cast iron, completely enamelled**
- Smoothly running brass tube valve with **1/2" male connection** from the top
- Calm water flow through tube valve, no water spillage
- Mod. 20-MS1/2": Water flow regulation by enlarging the nozzle boring
- Mod. 20-VA1/2": Water flow continuously adjustable from outside by means of a regulation screw

ACCESSORIES:

- **1 fixing bracket** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes

RECOMMENDED FOR:

Cattle, horses



Order Ref.	Type	Packing Hints
100.0020	Drinking bowl Mod. 20-MS1/2", brass valve	1 piece/box
100.0209	Drinking bowl Mod. 20-VA1/2", stainless steel valve	1 piece/box
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag

Drinking Bowl Model 60

Order Ref. 100.0060

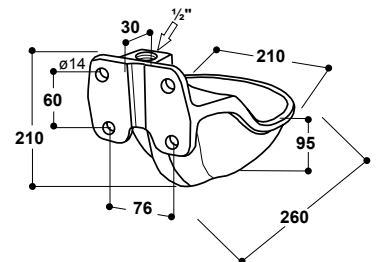
- Bowl made of **cast iron, completely enamelled**
- Smoothly running brass tube valve
- **1/2" female connection** from top and bottom
- Calm water flow through tube valve, no water spillage
- With 4-hole-fixation

ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes

RECOMMENDED FOR:

Cattle, horses



Order Ref.	Type	Packing Hints
100.0060	Drinking bowl Mod. 60	1 piece/box
102.1255	Connection pipe stainless steel 1/2", 19 cm, straight, m, m	1 piece
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag





DRINKING BOWLS

Drinking Bowl

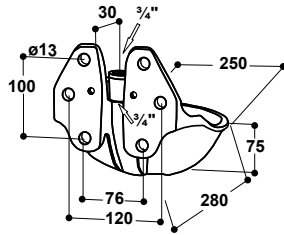
Model 25R with 3/4" brass valve

Order Ref. 100.0253

Model 25R with 3/4" stainless steel valve

Order Ref. 100.0259

- Large drinking bowl made of **cast iron, completely enamelled**
- Smoothly running tube valve in **3/4" brass or 3/4" stainless steel** with **female connection from top and bottom**
- Calm water flow through tube valve
- **Water flow continuously adjustable** from outside by means of a regulation screw, water flow up to 12 l/min
- With 6-hole-fixation



ACCESSORIES:

- **1 double bracket** (Order Ref. 101.0179), for fixation on 1 1/4" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1983) in stainless steel, for easy connection into water circuits
- **Steel Post**, 60 or 80 cm (Order Ref. 101.0455 and 101.0456), helps to protect drinking bowls

RECOMMENDED FOR:

Cattle, dairy cows, bulls (without nose ring), horses

Order Ref.	Type	Packing Hints
100.0253	Drinking bowl Mod. 25R-MS3/4", brass valve	1 piece/box
100.0259	Drinking bowl Mod. 25R-VA3/4", st. steel valve	1 piece/box
101.0179	Double bracket 1 1/4" – 2"	1 set/bag
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1983	Connection set for 3/4" water circuits	1 piece/bag

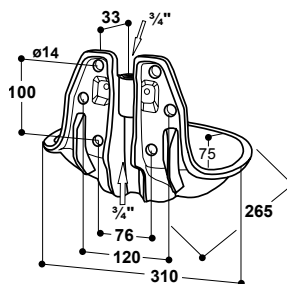
Steel Posts see p. 20.

Drinking Bowl

Model 19R with 3/4" brass valve

Order Ref. 100.0198

- Drinking bowl with double brass tube valve
- Flat and easy-to-clean cast iron bowl in complete enamel finish
- Ideal to be fixed into a separation wall between two boxes
- High water flow up to **20 l/min**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Double brass tube valve with 3/4" (Order Ref. 100.0198) female connection from top and bottom
- Calm water flow through tube valves
- 6-hole-fixation



ACCESSORIES:

- **1 double bracket** (Order Ref. 101.0179), for fixation on 1 1/4" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1987) in stainless steel, for easy installation into water circuits

RECOMMENDED FOR:

Cattle, dairy cows, bulls (without nose ring)

Order Ref.	Type	Packing Hints
100.0198	Drinking bowl Mod. 19R-MS3/4", 3/4" brass valve	1 piece/box
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1987	Connection set for 3/4" water circuits	1 piece/bag
101.0179	Double bracket 1 1/4" – 2"	1 set/bag



also with 3/4" stainless steel valve

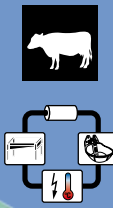


101.0455: 60 cm
101.0456: 80 cm

**STEEL POST
SEE P. 20**



Connection from top and bottom



101.0459: 60 cm
101.0460: 80 cm

**STEEL POST
SEE P. 20**





DRINKING BOWLS FOR CATTLE



131.0169

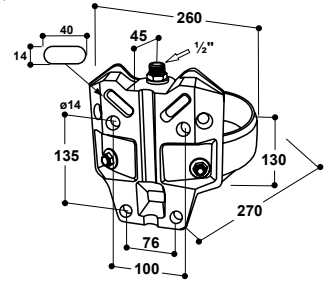


131.0169

Drinking Bowl Model 1100

Order Ref. 100.1100

- Large deep bowl **in stainless steel**, robust, secure against fracture
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- Smoothly running tube valve
- **Very high water flow** up to **20 l/min** (5,5 gallons/min)
- 1/2" male connection from the top
- Thanks to special back side design, ideal for fixation into 90° corners, on the wall or on pipes



ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169) for fixation on 1/2" – 2" pipes

RECOMMENDED FOR:

Cattle, dairy cows

Order Ref.	Type	Packing Hints
100.1100	Drinking bowl Mod. 1100	1 piece/box
131.0169	Fixing bracket M12 1/2" – 2", galvanized	1 piece/bag

INSIDER TIP!

Thanks to high water flow and special compact shape this drinker is ideal to be used for tethered dairy cows.



100.1129



Drinking Bowl Model 1120 with 1/2" stainless steel valve Model 1220 with 3/4" stainless steel valve

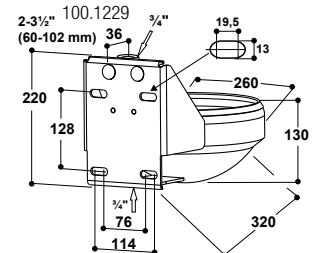
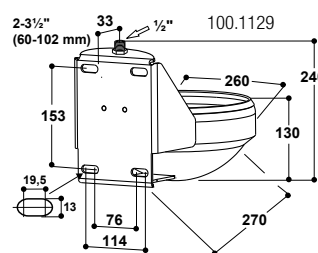
Order Ref. 100.1129

Order Ref. 100.1229

- Large deep bowl **in stainless steel**, robust, secure against fracture
- Very robust: back wall in stainless steel, welded with the bowl
- Smoothly running tube valve **in stainless steel**
Mod. 1120: 1/2" male connection from the top
Mod. 1220: 3/4" female connection from the top and bottom
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- **Water flow continuously adjustable** from outside by means of a regulation screw, water flow up to 12 l/min (3,2 gallons/min)

RECOMMENDED FOR:

Cattle, dairy cows



Order Ref.	Type	Packing Hints
100.1129	Drinking bowl Mod. 1120-VA1/2"	1 piece/bag
100.1229	Drinking bowl Mod. 1220-VA3/4"	1 piece/bag
103.3001	Connection set for 3/4" water circuits	1 piece/bag
103.3002	Connection set for 3/4" water circuits	1 piece/bag
132.1256	Connection pipe stainless steel 3/4", 22 cm, straight, m, m	1 piece
131.0169	Fixing bracket M12 1/2" – 2", galvanized	1 piece/bag
101.1241	Bracket galv. for 2 1/2" / 77 mm, with nuts and washers	1 piece/bag
101.1242	Bracket galv. for 3 1/2" / 102 mm, with nuts and washers	1 piece/bag



103.3001



103.3002



131.0169
2" (60 mm)

101.1241
2 1/2" (77 mm)

101.1242
3 1/2" (102 mm)





DRINKING BOWLS FOR CATTLE

Drinking Bowl

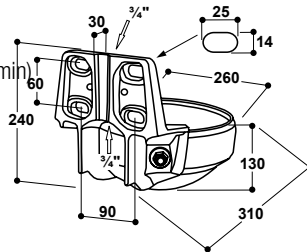
Model 1200 with 3/4" brass valve

Order Ref. 100.1203

Model 1200 with 3/4" stainless steel valve

Order Ref. 100.1209

- Large deep bowl in **stainless steel**, robust, secure against fracture
- Smoothly running tube valve in **3/4" brass or 3/4" stainless steel** with **female connection from top and bottom**
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- Smoothly running tube valve suited
- **Very high water flow** up to **20 l/min** (5,5 gallons/min)



ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1983) in stainless steel, for easy installation into water circuits coming **from the bottom**

RECOMMENDED FOR:

Cattle, dairy cows

Order Ref.	Type	Packing Hints
100.1203	Drinking bowl Mod. 1200-MS3/4", brass valve	1 piece/box
100.1209	Drinking bowl Mod. 1200-VA3/4", st. steel valve	1 piece/box
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1983	Connection set for 3/4" water circuits	1 piece/bag

also with 3/4" stainless steel valve



INSIDER TIP!

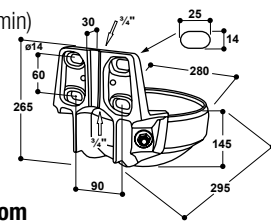
Thanks to high water flow and special compact shape these drinkers are ideal to be used for tethered dairy cows.

Drinking Bowl

Model 1200P with 3/4" brass valve

Order Ref. 100.1213

- Large deep bowl in **UV-resistant polyethylene** with installed **drainage plug** for easier cleaning
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- Smoothly running **3/4" brass** tube valve
- **3/4" female connection from top and bottom**
- **Very high water flow** up to **20 l/min** (5,5 gallons/min)



ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1983) in stainless steel, for easy installation into water circuits coming **from the bottom**

RECOMMENDED FOR:

Cattle, dairy cows

Order Ref.	Type	Packing Hints
100.1213	Drinking bowl Mod. 1200P-MS3/4", brass valve	1 piece/box
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1983	Connection set for 3/4" water circuits	1 piece/bag





DRINKING BOWLS FOR CATTLE



also with 3/4" stainless steel valve



102.1127



3/4": 103.1990
Connection from
top and bottom



101.0179



also with 3/4" stainless steel valve



102.1127



3/4": 103.1990
Connection from
top and bottom



101.0179

Pat.

Drinking Bowl

Model 16P with 3/4" brass valve

Order Ref. 100.0163

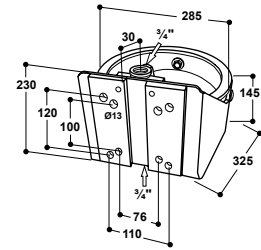
Model 16P with 3/4" stainless steel valve

Order Ref. 100.0169

- Drinking bowl made of premium **UV-resistant polyethylene**
- Anti-spillage rim curved inside prevents water losses
- Installed drainage plug for easier cleaning
- **Integrated galvanized protection bracket**
- Smoothly running tube valve in **3/4" brass or 3/4" stainless steel** with female **connection from top and bottom**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**

ACCESSORIES:

- **1 double bracket** (Order Ref. 101.0179), for fixation on 1 1/4" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1990) in stainless steel, for easy installation into water circuits)



RECOMMENDED FOR:

Cattle, dairy cows, bulls (without nose ring), horses

Pat.

Drinking Bowl

Model 18P with 3/4" brass valve

Order Ref. 100.0183

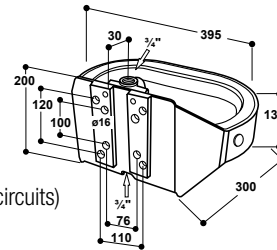
Model 18P with 3/4" stainless steel valve

Order Ref. 100.0189

- Extra large drinking bowl made of premium **UV-resistant polyethylene**
- Anti-spillage rim curved inside prevents water losses
- Installed drainage plug for easier cleaning
- **Integrated galvanized protection bracket**
- Smoothly running tube valve in **3/4" brass or 3/4" stainless steel** with female **connection from top and bottom**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**

ACCESSORIES:

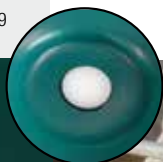
- **1 double bracket** (Order Ref. 101.0179), for fixation on 1 1/4" – 2" pipes
- **Connection sets for 3/4" water circuits** (Order Ref. 103.1990) in stainless steel, for easy installation into water circuits)



RECOMMENDED FOR:

Cattle, dairy cows, bulls (without nose ring), horses

Order Ref.	Type	Packing Hints
100.0163	Drinking bowl Mod. 16P-MS3/4", brass valve	1 piece
100.0169	Drinking bowl Mod. 16P-VA3/4", st. steel valve	1 piece
100.0183	Drinking bowl Mod. 18P-MS3/4", brass valve	1 piece
100.0189	Drinking bowl Mod. 18P-VA3/4", st. steel valve	1 piece
101.0179	Double bracket 1 1/4" – 2"	1 set/bag
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1990	Connection set for 3/4" water circuits	1 piece/bag



Model 18P and Model 16P are equipped with a drainage plug in the bowl for easy cleaning





DRINKING BOWLS FOR CATTLE

Drinking Bowl Model 115

Order Ref. 100.0115

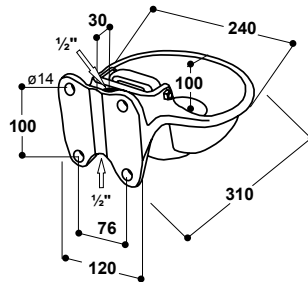
- Large drinking bowl made of **cast iron, completely enamelled**
- High water flow of 14 l/min given 5 bar (73psi)
- Quick water flow regulation possibility under the tongue without any use of tools: for adjustment lift up the tongue and turn at the regulation screw. This way the desired water flow can even be stopped completely
- **½" female connection from top and bottom**

ACCESSORIES:

- **1 double bracket** (Order Ref. 101.0179), for fixation on 1¼" – 2" pipes

RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses



Order Ref.	Type	Packing Hints
100.0115	Drinking bowl Mod. 115	1 piece/box
102.1255	Connection pipe stainless steel ½", 19 cm, straight, m, m	1 piece
101.0179	Double bracket 1¼" – 2"	1 set/bag



Drinking Bowl Model 8

Order Ref. 100.0008

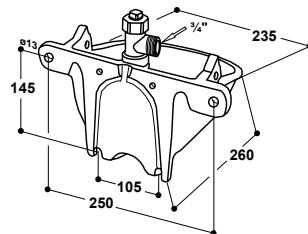
- Large drinking bowl made of **cast iron, with white enamelled interior**
- **High water flow:** continuously adjustable up to **35 l/min** at 5 bar
- Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue,
- **¾" male connection from all sides (360°)**
- Thanks to the robust construction and solid valve as well as to the high water flow even at low water pressure drinking bowl Model 8 can very well be used for installation on water tanks

ACCESSORIES:

- **Elbow union** (Order Ref. 102.0039), galvanized, for connection of water line from top or bottom (¾" female coupling, ½" male exit)

RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses



Order Ref.	Type	Packing Hints
100.0008	Drinking bowl Mod. 8	1 piece
102.0039	Elbow union with sealing, ¾" female x ½" male	1 piece/bag





HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Heated and Frost-Protected Drinkers for Cattle

The following gives you an insight into the SUEVIA drinking bowl program for cattle.

50 years ago already SUEVIA started to take care and to develop heated drinking bowls. Since then our heating systems have been continuously developed. Today we can offer you for each intended purpose at least one or even several appropriate solutions!

Our **heated drinking bowls** are equipped with a heating element 24 V, which maintains the drinking bowl frost-free in winter season. It goes without saying that heated drinking bowls can only be installed in stables, which dispose of power supply, provided to a heating element by a transformer. Power supply cables coming from the transformer towards the drinking bowl have to be protected against biting! Practice shows that it is advisable to install the water supply pipe underground in a frost-free way and to advance upwards to the drinking bowl. That part of water supply line, which is still running the risk to freeze, should additionally be wrapped and protected by a SUEVIA **frost protection heating cable** 24 V.

In **free stalls not disposing of electricity**, SUEVIA **Thermo Source drinkers** or **Thermo Trough Drinkers 2,3 and 4,3 m** (for bigger herds) are liked to be used! These drinkers are very well insulated, which ensures a water supply of your animals even at extreme low temperatures. The water supply line has to be placed at a frost-free depth in the ground. "Earth-warm" water (in winter season approx. 6°C) runs into the thermo drinker through the high-capacity float valve installed inside of the trough. The perfect insulation prevents a drop in temperature of the water in the drinker and prevents it from freezing. At minus temperatures it is highly recommended that at least 10 animals use one drinking place.

SUEVIA heating units have been developed for new or modernized stables in which an underground water supply line is not possible. When using one of these heating units the water supply line is installed in form of a water circuit. By means of a circulation pump integrated in this heating unit the water is pumped through the circuit round and when needed heated by the installed heating element of the unit.

SUEVIA heating cables are used for feed pipes of water supply line above ground, which are not connected to a circuit.





HEATED DRINKING BOWLS FOR CALVES

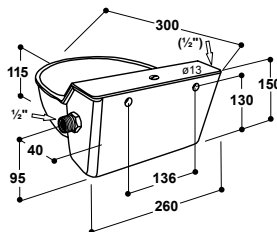
Float Valve Drinking Bowl with installed heating Model 130P-H

Order Ref. 100.1305

- Due to installed heating element (24 V, 20 W) the drinking bowl is **frost-protected down to -10°C!**
- Inaccessible for the animals, the heating element is installed behind the removable stainless steel float valve cover and equipped with a 3 m long connection cable
- A **thermostat integrated in the connection cable** switches the heating on at 5°C and off at 12°C.
- For power supply a SUEVIA **Transformer 230/24 V** is necessary (versions 50 W - 400 W available, see p. 25)
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used.
- If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).
- For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see p. 25).
- Large bowl made of **premium quality polyethylene**
- Float valve allows quick water flow into the bowl
- Constant water level – simple adjustment!
- ½" male connection in brass from right or left hand side

ACCESSORIES:

- **Elbow union** ½" x ½" f/f (Order Ref. 102.0352) for connection of water line from top or bottom
- **SUEVIA Transformers 230/24 V:**
 - 50 W (Order Ref. 101.0322)
 - 100 W (Order Ref. 101.0380)
 - 200 W (Order Ref. 101.0390)
 - 400 W (Order Ref. 101.0392)



with drainage plug

with installed heating element!



102.0352



RECOMMENDED FOR:

Calves, horses, sheep, dogs, deer

AVAILABLE ALSO WITHOUT HEATING » p. 8

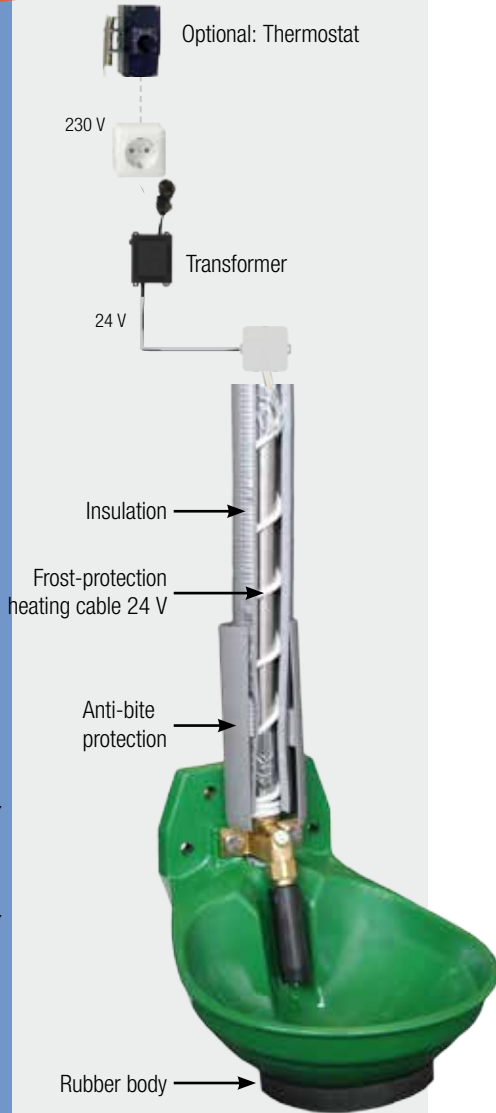
Order Ref.	Type	Packing Hints
100.1305	Drinking bowl Mod. 130P-H, with valve heating	1 piece/box
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag
101.0322	Transformer 230/24 V, 50 W	1 piece/box
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll





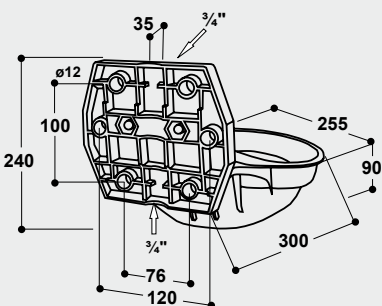
HEATED DRINKING BOWLS FOR CALVES AND HORSES

FROST-FREE DOWN TO -20°C



Installation Scheme Mod. 12P-HK

Please adhere to mounting instructions!



Heated Drinking Bowl for Calves and Horses

Model 12P-HK with 3/4" brass valve

Order Ref. 100.0124

- Frost protection of the bowl, of the valve and of the feed pipe is done by a 3 m long frost protection heating cable 24 V, 30 W, included in scope of delivery
- The frost protection heating cable can be found in windings beneath the bowl in a flexible rubber body. An aluminium foil fixed at the bottom of the bowl provides a constant heat distribution.
- Frost protection for the valve itself is guaranteed by three tightly fitted windings above the valve
- With the rest of the heating cable of approx. 2 m the feed pipe is maintained frost-free in addition. It should be insulated and protected against bites.
- **Frost protection down to approx. -20°C.** Remaining water in the bowl will not freeze!
- For power supply a SUEVIA transformer 230/24 V is necessary (versions from 50 W to 400 W available)
- Bowl made of **top quality AQUATHAN** plastic
- Very elastic, flexes on impacts, shock-resistant
- **No sharp edges**, no risk of injury
- Smoothly running brass tube valve (3/4")
- 3/4" female connection from top and bottom
- **Water flow continuously adjustable from outside by means of a regulation screw**
- Calm water flow through the tube valve



ACCESSORIES:

- **SUEVIA Transformers 230/24 V:**
 - 50 W (Order Ref. 101.0322)
 - 100 W (Order Ref. 101.0380)
 - 200 W (Order Ref. 101.0390)
 - 400 W (Order Ref. 101.0392)
- **Thermostat** (Order Ref. 101.0389), for automatic switch on/off of transformer
- **2 Fixing brackets** (Order Ref. 101.0167, reinforcing plate incl.) for fixation on pipes 1 1/2" – 2"
- **Resettable Water Meter RW1** (Order Ref. 101.0444) for easy control of water intake of the horse per day.

RECOMMENDED FOR:

Horses, Calves up to 6 months

Order Ref.	Type	Packing Hints
100.0124	Heated Drinking Bowl Mod. 12P-HK-MS3/4"	5 pieces/box
101.0322	Transformer 230/24 V, 50 W	1 piece/box
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box
101.0167	Fixing bracket 1 1/2" – 2", reinforcing plate incl.	1 piece
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
101.0444	Resettable Water Meter RW1	1 piece/box



Rubber body with heating cable



View from beneath

102.1127



FROST-PROTECTED NIPPLE DRINKER FOR BULLS AND CALVES

Pat.

Drinking Bowl Model 1230-VA $\frac{3}{4}$ ", integrated steel post, 60 cm integrated steel post, 80 cm

Order Ref. 100.1238

Order Ref. 100.1239

- Robust Steel Post helps to protect drinking bowls against blows and impacts of bulls (or other animals). The force of jumping bulls is transferred to the post, preventing a crash of the drinking bowl.
- Made of thick hot-galvanized steel
- Bowl and valve out of steel, **drinking height 60 cm or 80 cm**.
- Drinking Bowl builds one unit with integrated steel post
- Mounting on a wall or on a post possible
- Special holes are foreseen for installation between the gates, as well as for mounting of the heating element and of the circuit pipe.

ACCESSORIES:

- Frost protection options, see below.

RECOMMENDED FOR:

Bulls, cattle, dry cows. Without nose ring. Horses.

Options for Frost Protection

Option 1: Connection to a Water Circuit

- In combination with a SUEVIA **connection set for $\frac{3}{4}$ " water circuits** in stainless steel, an easy integration into water circuits is possible. A perforated hole (on left or right side) is foreseen for installation of the circuit pipe. Circuit pipe is protected by the steel post against animals impacts.
- Valve is frost-protected. Remaining water in the bowl may freeze.
- For connection to a water circuit we recommend SUEVIA **heating units** (see p. 28-31).

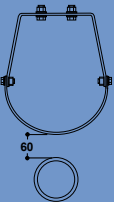
Option 2: Frost-free with heating set, feed pipe connection from below

- To protect the valve and the bowl from freezing a **Heating Set 24 V, 80 W** is installed inaccessible for the animals **inside of the steel post underneath the bowl Mod. 1230-VA $\frac{3}{4}$ "**
- Valve and bowl are frost-protected.
- To ensure a frost-free feed pipe, a **frost protection heating cable 24 V, 20 W, 2 m** (Order Ref. 101.0861), or a **24 V, 30 W, 3 m** (Order Ref. 101.1863) has to be wrapped around the water pipe and connected to the transformer together with the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape. All water line pipes must be insulated.
- For power supply a SUEVIA **Transformer 230/24 V** is necessary. For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed.

Order Ref.	Type	Packing Hints
100.1238	Drinking Bowl Mod. 1230-VA $\frac{3}{4}$ ", integrated steel post, 60 cm	1 piece
100.1239	Drinking Bowl Mod. 1230-VA $\frac{3}{4}$ ", integrated steel post, 80 cm	1 piece
103.3002	Connection set for $\frac{3}{4}$ " water circuits	1 piece
101.0458	Heating Set for drinking bowl Mod. 1230-VA $\frac{3}{4}$ ", 24 V, 80 W	1 piece

Accessories for steel posts with heating sets:

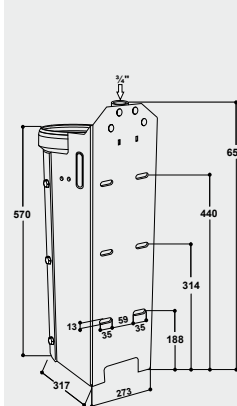
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 20 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box



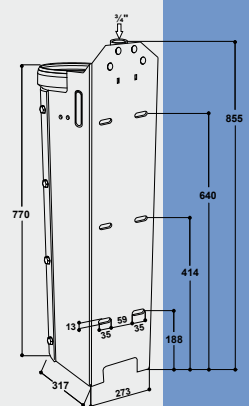
Minimum distance to gates



100.1239 + Accessories for circuit pipe and heating element



100.1238



100.1239



HEATED DRINKING BOWLS FOR BULLS AND CATTLE



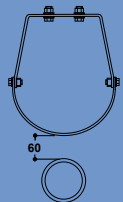
101.0456 + Accessories for circuit pipe



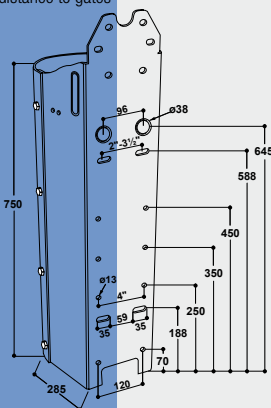
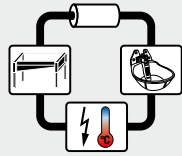
101.0456 + Accessories for feed pipe



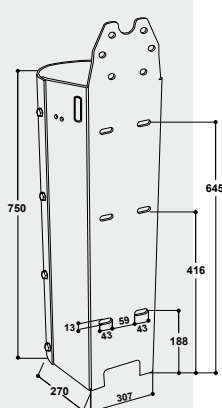
101.0460 + Accessories for circuit pipe



Minimum distance to gates



101.0456 (for Mod. 25R)



101.0460 (for Mod. 19R)



SUEVIA Steel Post for Mod. 25R (60 / 80 cm) SUEVIA Steel Post for Mod. 19R (60 / 80 cm)

- Robust Steel Post helps to protect drinking bowls against blows and impacts of bulls (or other animals). The force of jumping bulls (or cows) is transferred to the post, preventing damage to the drinking bowl.
- Made of thick hot-galvanized steel
- Suitable for drinking bowl Mod. 25R or Mod. 19R, drinking height 60 cm or 80 cm
- Inclusive fastening material for the drinking bowl
- Mounting on a wall or on a post possible
- Special holes are foreseen for installation between the gates, as well as for mounting of the heating element and of the circuit pipe.

ACCESSORIES:

- Mod. 25R or Mod. 19R
- Frost protection options, see below.

RECOMMENDED FOR:

Bulls, cattle, dry cows. Without nose ring. Horses.

Options for Frost Protection

Option 1: Connection to a Water Circuit

- In combination with a SUEVIA **connection set for 3/4" water circuits** in stainless steel, an easy integration into water circuits is possible. A perforated hole (on left or right side) is foreseen for installation of the circuit pipe. Circuit pipe is protected by the steel post against animals impacts.
- Valve is frost-protected. Remaining water in the bowl may freeze.
- For connection to a water circuit we recommend SUEVIA **heating units** (see p. 28-31).

Option 2: Frost-free with heating set, feed pipe connection from below

- To protect the valve and the bowl from freezing a **Heating Set 24 V, 80 W** is installed inaccessible for the animals **inside of the steel post underneath the bowl Mod. 25R/19R**.
- Valve and bowl are frost-protected.
- To ensure a frost-free feed pipe, a **frost protection heating cable 24 V, 20 W, 2 m** (Order Ref. 101.0861), or a **24 V, 30 W, 3 m** (Order Ref. 101.1863) has to be wrapped around the water pipe and connected to the transformer together with the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape. All water line pipes must be insulated.
- For power supply a SUEVIA **Transformer 230/24 V** is necessary. For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed.

Order Ref.	Type	Packing Hints	
for Mod. 25R:			
101.0455	Steel Post for Mod. 25R, 60 cm	1 piece	
101.0456	Steel Post for Mod. 25R, 80 cm	1 piece	
100.0253	Drinking bowl Mod. 25R-MS3/4"	1 piece/box	
100.0259	Drinking bowl Mod. 25R-VA3/4", st. steel valve	1 piece/box	
103.1983	Connection set for 3/4" water circuits	1 set	
101.0458	Heating-Set for steel post for Mod. 25R-3/4" or Mod. 1230-VA3/4", 24 V, 80 W	1 set	
for Mod. 19R:			
101.0459	Steel Post for Mod. 19R, 60 cm	1 piece	
101.0460	Steel Post for Mod. 19R, 80 cm	1 piece	
100.0198	Drinking bowl Mod. 19R-MS3/4"	1 piece/box	
103.3003	Connection set for 3/4" water circuits	1 piece/bag	
101.0461	Heating-Set for steel post for Mod. 19R, 24 V, 80 W	1 set	
Accessories suitable for both steel posts:			
101.0380	Transformer 230/24 V, 100 W	1 piece/box	
101.0390	Transformer 230/24 V, 200 W	1 piece/box	
101.0392	Transformer 230/24 V, 400 W	1 piece/box	
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	
101.0389	Thermostat	1 piece/box	



SUEVIA

HEATED DRINKING BOWLS FOR CATTLE

Heated Drinking Bowl

Model 46 with 3/4" brass valve

Order Ref. 100.1463

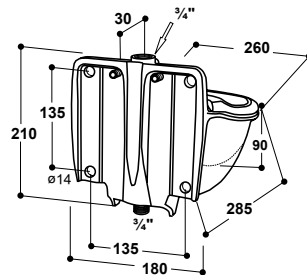
Model 46 with 3/4" stainless steel valve

Order Ref. 100.1469

- Heated drinking bowl with smoothly running tube valve for wall and pipe mounting
- **Frost-protected down to approx. -15°C. Remaining water in the bowl will not freeze.**
- **With subsequent installation of valve heating** (24 V, 5 W, Order Ref. 101.1405), supplied on demand, is **frost-protected down to -35°C!**
- Drinking bowl made of **cast iron, completely enamelled**
- One drinker is sufficient for 15 – 20 animals
- Easy access to installed heating element, which is installed out of reach for the animals between the two bowl parts
- Smoothly running tube valve in **3/4" brass** or in **3/4" stainless steel with female connection from top and male connection from bottom**
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Capacity of the heating element 80 W/24 V – few power consumption
- Installation on the wall or on 2" – 3" pipes
- For power supply SUEVIA **Transformer 230/24 V** is necessary (for correct choice of transformer see p. 25)
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer.
- If the heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped with an aluminium adhesive tape (Order Ref. 101.1099) and insulated.

ACCESSORIES:

- **2 fixing brackets** (2x Order Ref. 101.0180), for fixation on 2" – 3" pipes
- **Connection set for 3/4" water circuits** connection from top or bottom
- **SUEVIA Transformers 230/24 V:** see p. 25
- **Thermostat** (Order Ref. 101.0389), for automatic switch on/off of transformer, can be optionally installed on demand
- **Valve heating** (Order Ref. 101.1405), **to ensure frost protection down to -35°C!**

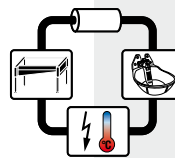


RECOMMENDED FOR:

Cattle, bulls, calves, horses, mainly used for subsequent installation

Order Ref.	Type	Packing Hints
100.1463	Heated drinking bowl Mod. 46-MS3/4", 24 V, 80 W	1 piece/box
100.1469	Heated drinking bowl Mod. 46-VA3/4", 24 V, 80 W	1 piece/box
103.3005	Connection set for 3/4" water circuits, from top	1 piece/bag
103.3006	Connection set for 3/4" water circuits, from bottom	1 piece/bag
101.1405	Valve heating 24 V, 5 W, with thermostat, cable 3 m	1 piece/bag
101.0180	Fixing bracket 2" – 3"	1 piece
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box

also with 3/4" stainless steel valve



Ideal for subsequent installation!

Frost-free down to -35°C with additional valve heating!



2 m: 101.0861
3 m: 101.1863

Installation scheme from below (for better understanding shown partly without insulation or anti-bite protection)





HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS



Detailed scheme of heated drinking bowl

When placing the upper part of the bowl on the lower part, the sealing is automatically pressed on the round connection piece

View from below

Drinking bowl upper part



Sealing: automatic sealing on the round connection piece, when placing the upper part of the bowl on the lower part

1/2" male connection piece, where water supply line is connected

Lower part is screwed into the thermo tube with clamping screws

Lower part

Connection for power supply cable, coming from transformer

Heated Drinking Bowl

Model 41A (80 W heating element)

Order Ref. 100.0041

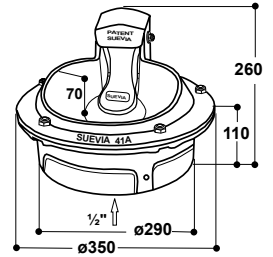
Model 41A-SIBIRIA (180 W heating element)

Order Ref. 100.1041

- Heated drinking bowl made of **cast iron with white enamel finish** in the interior
- **Frost-resistant down to -25°C**
- One drinker is sufficient for 15 – 20 animals
- Smoothly running tongue valve
- Back-stroke-free valve with high water flow up to 15 l/min
- Water quantity can be simply adjusted to existing water pressure by exchanging nozzles (included in scope of delivery)
- For water pressure of max. 6 bar
- Valve is designed to close slowly **even at higher water pressure** thus preventing strokes in the water line
- Reliable functioning even when ferruginous or aggressive water is given!
- Capacity of the heating element: 80 W/24 V or 180 W/24 V, according to the version
- **For increased frost protection up to -35°C available with 180 W heating element** (Order Ref. 100.1041). Heating cable around feed pipe is then recommended (2 m or 3 m, see p. 25)

ACCESSORIES

- For power supply a SUEVIA **Transformer 230/24 V** is necessary (for correct choice of transformer see p. 25)
- For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see p. 25).
- Installation on a SUEVIA **Thermo Tube** (see p. 23) or on a concrete tube with an internal diameter of 30 cm

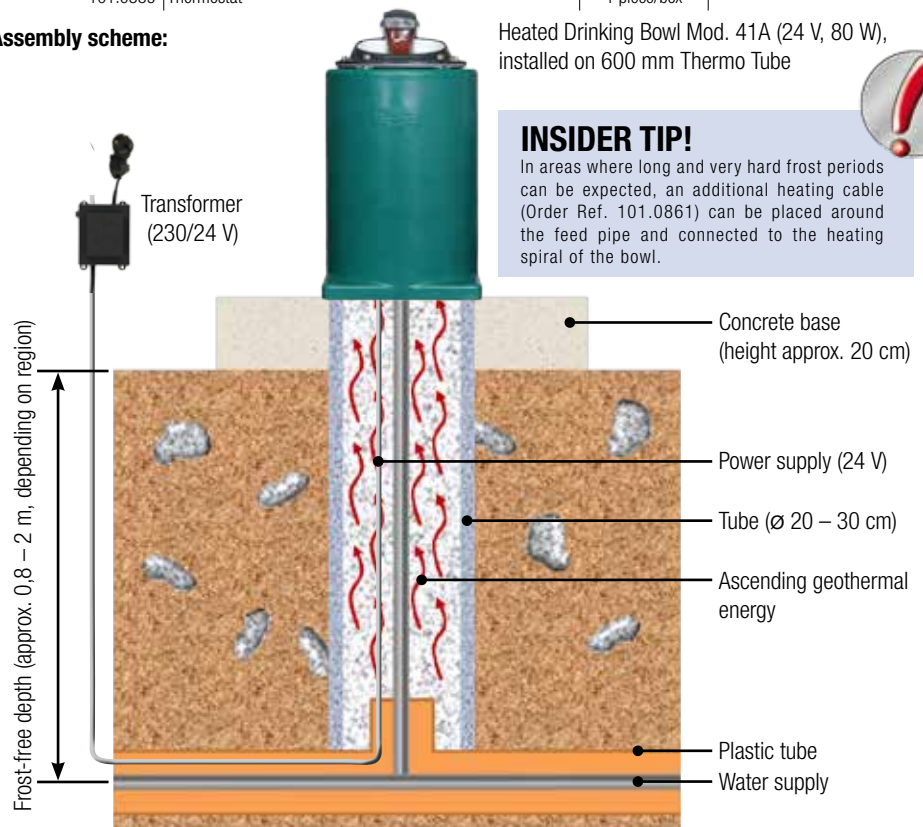


RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses, pigs

Order Ref.	Type	Packing Hints
100.0041	Heated drinking bowl Mod. 41A, 24 V, 80 W	1 piece
100.1041	Heated drinking bowl Mod. 41A-SIBIRIA, 24 V, 180 W	1 piece
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box

Assembly scheme:



Heated Drinking Bowl Mod. 41A (24 V, 80 W), installed on 600 mm Thermo Tube

INSIDER TIP!

In areas where long and very hard frost periods can be expected, an additional heating cable (Order Ref. 101.0861) can be placed around the feed pipe and connected to the heating spiral of the bowl.

Please ask your dealer for details.



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Heated Drinking Bowl

Model 43A (80 W heating element)

Order Ref. 100.0043

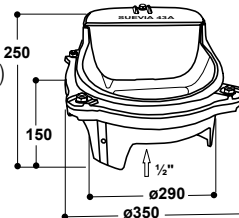
Model 43A-SIBIRIA (180 W heating element)

Order Ref. 100.1043

- **Heated** drinking bowl with float valve
- Made of **cast iron, with white enamelled interior**
- **Frost-resistant down to -20°C**
- One drinker is sufficient for 15 – 20 animals
- Due to float valve, water pressure must not exceed 5 bar!
- Easy adjustable water level
- According to existing water pressure, water flow up to 5 l/min
- This unit is ideal for use with calves, horses, sheep, goats, deer and other small animals with sensitive noses!
- Capacity of the heating element: 80 W/24 V or 180 W/24 V, according to the version
- **For increased frost protection up to -30°C available with 180 W heating element** (Order Ref. 100.1043). Heating cable 24 V around feed pipe is then recommended (2 m or 3 m, see p. 25)

ACCESSORIES

- **Anti-spillage ring** in cast iron plastic-coated (Order Ref. 101.1068)
- For power supply a SUEVIA **Transformer 230/24 V** is necessary (for correct choice of transformer see p. 25)
- For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see p. 25).
- Installation on a SUEVIA **Thermo Tube** or on a concrete tube with an internal diameter of 30 cm (see below)



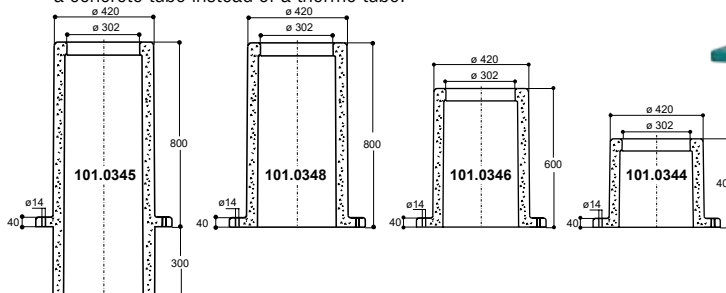
RECOMMENDED FOR:

Cattle (with anti-suction ring), bulls (with nose ring), calves, horses, sheep, goats, deer, pigs

Order Ref.	Type	Packing Hints
100.0043	Heated drinking bowl Mod. 43A, 24 V, 80 W	1 piece
100.1043	Heated drinking bowl Mod. 43A-SIBIRIA, 24 V, 180 W	1 piece
101.1068	Anti-spillage ring, cast iron plastic-coated	
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box

Thermo Tubes

- For installation of heated drinking bowls Model 41A and 43A
- Made of **premium quality polyethylene**, double-walled and insulated
- Height 400 mm (Order Ref. 101.0344) for smaller animals like sheep, goats, pigs
- Height 600 mm (Order Ref. 101.0346) for calves, cattle
- Height 800 mm (Order Ref. 101.0348) for taller animals such as cattle, dairy cows, horses, etc.
- Height 1100 mm: 800 mm + 300 mm to be set into concrete (Order Ref. 101.0345) for taller animals such as cattle, dairy cows, horses, etc.
- For young animals with still growing teeth we recommend to use a concrete tube instead of a thermo tube.



Order Ref.	Type	Packing Hints
101.0344	Thermo tube 400 mm	1 piece
101.0346	Thermo tube 600 mm	1 piece
101.0348	Thermo tube 800 mm	1 piece
101.0345	Thermo tube 1100 mm (800 mm + 300 mm)	1 piece

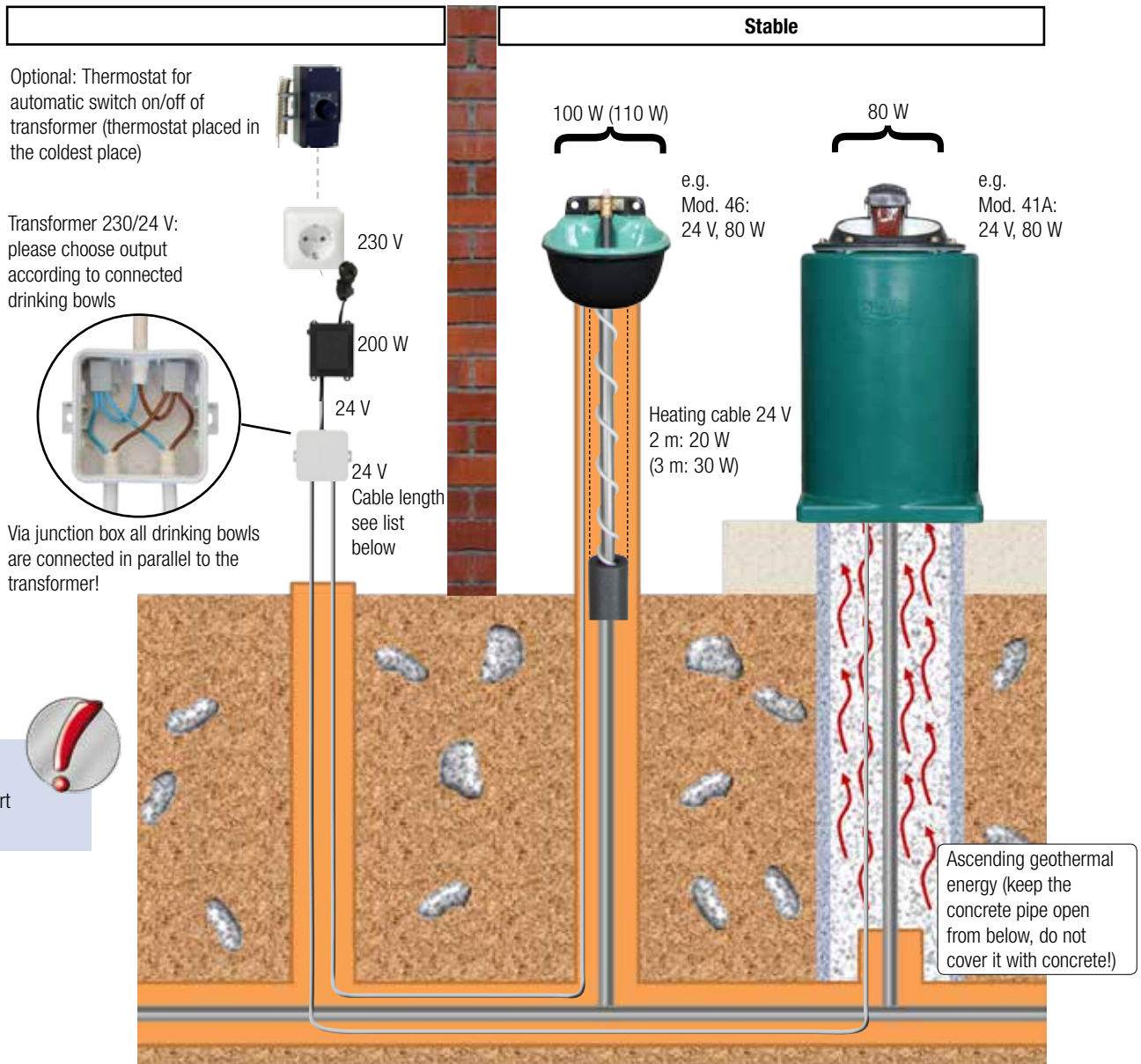




HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Installation scheme for heated drinking bowls

Frost-free connection of water line in the ground



Installation scheme with optimized view, shown without insulation of pipes. Please ask your dealer for details. Please read mounting instructions carefully!

INSIDER TIP!

Keep 24 V cables as short as possible!

Wire cross section	Total power consumption of heated drinking bowls, incl. additional heating element + heating cable, connected to one power supply cable				Max. admitted cable length
	up to 100 Watt	up to 200 Watt	up to 300 Watt	up to 400 Watt	
2,5 mm ²	83 m	42 m	28 m	21 m	
4,0 mm ²	132 m	66 m	44 m	33 m	
6,0 mm ²	200 m	100 m	66 m	50 m	

Local norms can vary and have to be checked. Please ensure that a professional electrician installs the system!



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Transformers 230/24 V 50 W, 100 W, 200 W, 400 W

- The transformer has to be installed as close as possible to the drinking bowl, but out of reach of the animals. Connection is made to an 230 V plug socket. The transformer is transforming to 24 V AC.
- Protection – IP44. Connected without AC plug through a junction box – IP54.

Order Ref.	Type	Packing Hints
101.0322	Transformer 230/24 V, 50 W	1 piece/box
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box



INSIDER TIP! How to find the ideal transformer for your heated drinking bowls!

Quantity of needed drinking bowls **or** additional heating elements

x indicated power (W)

+ quantity of needed frost protection heating cables

x indicated power (W)

Example:

3 x Model 46, 24 V, 80 W	240 W
3 x frost protection heating cable, 24 V, 20 W	60 W
Total power	300 W

For these requirements the following transformers can be used:

Option A: 3 x transformer 100 W = 300 W

Option B: 1 x transformer 100 W

1 x transformer 200 W = 300 W

Option C: 1 x transformer 400 W

Thermostat

Order Ref. 101.0389

- For automatic switch on/off of transformer with max. 16 A, 230 V
- Installation is made into supply line leading to the transformer
- With **one thermostat** the following amount of SUEVIA **Transformers** can be operated:
 - max. 40 x transformer 50 W
 - or max. 20 x transformer 100 W
 - or max. 10 x transformer 200 W
 - or max. 5 x transformer 400 W

Order Ref.	Type	Packing Hints
101.0389	Thermostat	1 piece/box

Aluminium Adhesive Tape

50 mm wide, 50 m

Order Ref. 101.1099

- When plastic pipes are used and for better heat distribution the pipe has to be wrapped first with an aluminium adhesive tape
- One meter of ½" pipe requires approximately 2 m of tape, and one meter of ¾" pipe approx. 2,5 m of tape
- Width of tape 50 mm (2"); length of roll in total 50 m

Order Ref.	Type	Packing Hints
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll

Frost Protection Heating Cable 24 V

20 W, 2 m

Order Ref. 101.0861

30 W, 3 m

Order Ref. 101.1863

- Provides frost protection for feed pipes** in galvanized steel or appropriate plastic!
- Highly recommended** to ensure a frost-free feed pipe leading to e.g. Model 12P-HK, 46, 340-H, 500, 520, 600, 620 and all types of troughs
- Frost protection heating cable is wrapped around the water pipe and connected to the transformer together with the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape (see above). All water line pipes must be insulated.

Order Ref.	Type	Packing Hints
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece



101.0389



101.1099



2 m: 101.0861
3 m: 101.1863

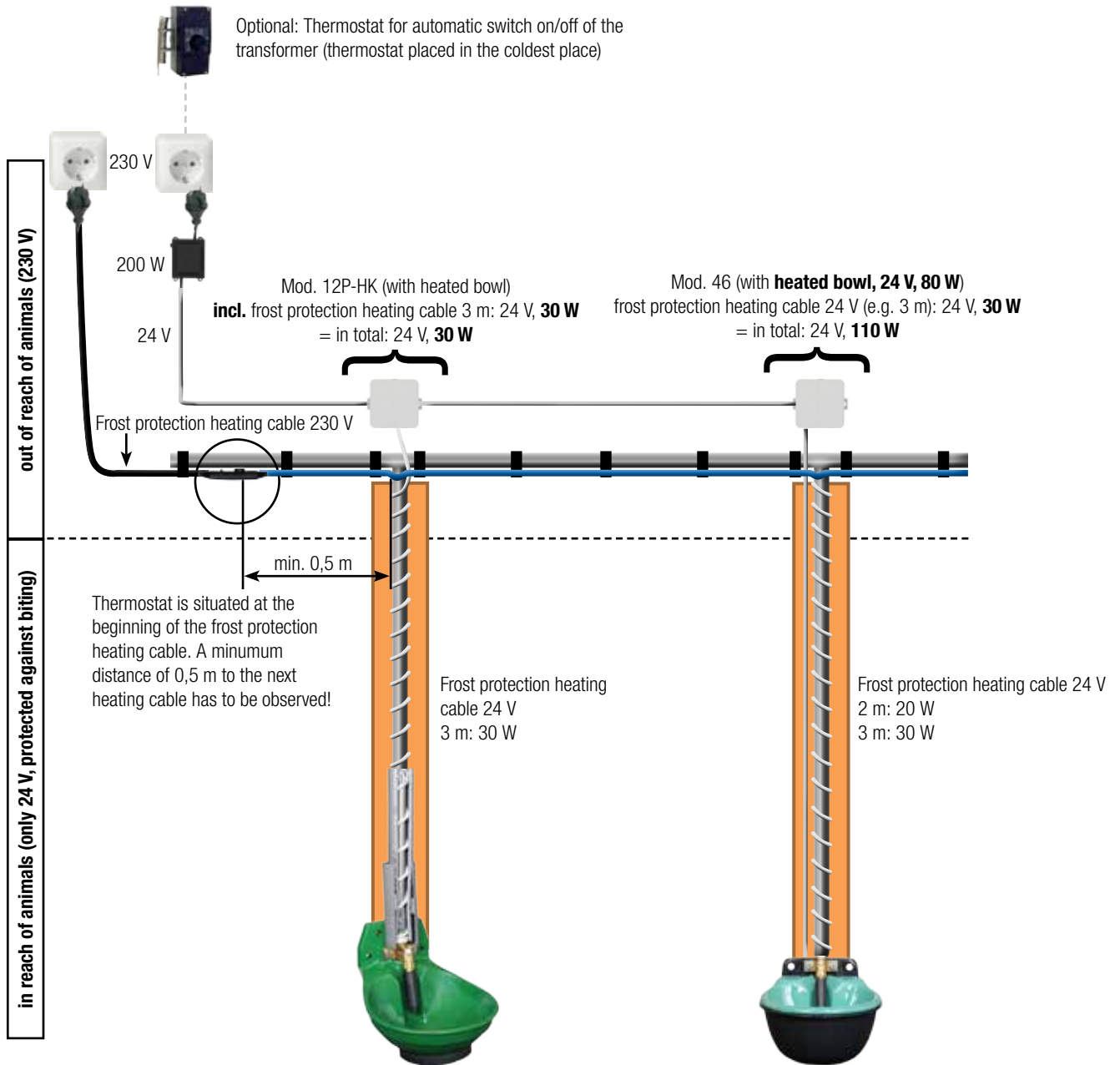




HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Installation scheme for heated drinking bowls

Frost-free connection of water line from the top, by frost protection heating cables



Installation scheme with optimized view, shown without insulation of pipes. Please ask your dealer for details.
Please read mounting instructions carefully!



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Frost Protection Heating Cable 230 V with Thermostat

Heating cable is delivered with installed thermostat, 2 m (6,6") connecting cable and plug for 230 V. The heating output amounts to 10 W per meter. Installation has to be done in parallel to the stainless steel tube underside. Even in very cold ambient temperatures the frost protection heating cable prevents cold water pipes (up to 1") from freezing. The thermostat, situated at the end of the cable, has to be mounted in the coldest place and **automatically switches on** at +5°C (41°F) and **off** when temperature is higher than +15°C (59°F). The water line pipes must be insulated. In close vicinity of animals the frost protection heating cable should be protected against being bitten by the animals or other damages. The heating cable must not be shortened! Remaining rests can be wound around the steel pipe. SUEVIA frost protection heating cables are available in indicated fix lengths. Wire voltage is 230 V – a residual current device has to be provided by the customer. VDE approved quality.

If this heating cable is installed on appropriate plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the plastic water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).

ACCESSORIES:

- **Aluminium adhesive tape**, 50 mm wide, 50 m long (Order Ref. 101.1099)

Order Ref.	Type	Packing Hints
101.1602	Frost protection heating cable, 230 V, 33 W, 2 m	1 piece/bag
101.1604	Frost protection heating cable, 230 V, 60 W, 4 m	1 piece/bag
101.1608	Frost protection heating cable, 230 V, 120 W, 8 m	1 piece/bag
101.1612	Frost protection heating cable, 230 V, 180 W, 12 m	1 piece/bag
101.1618	Frost protection heating cable, 230 V, 245 W, 18 m	1 piece/bag
101.1625	Frost protection heating cable, 230 V, 365 W, 25 m	1 piece/bag
101.1636	Frost protection heating cable, 230 V, 600 W, 36 m	1 piece/bag
101.1648	Frost protection heating cable, 230 V, 790 W, 48 m	1 piece/bag
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll



Frost Protection Heating Cable 24 V

20 W, 2 m

30 W, 3 m

Order Ref. 101.0861

Order Ref. 101.1863

- **Provides frost protection for feed pipes** in galvanized steel or appropriate plastic!
- **Highly recommended** to ensure a frost-free feed pipe leading to e.g. Model 25R-H, 46, 340-H, 500, 520, 600, 620 and all types of troughs.
- Frost protection heating cable is wrapped around the water pipe and connected to the transformer like the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape. All water line pipes must be insulated.

Order Ref.	Type	Packing Hints
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece



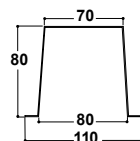
2 m: 101.0861
3 m: 101.1863



Protection plate, galvanized

Order Ref. 103.1957

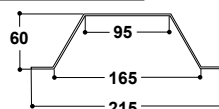
- Protection plate for tubes
- Galvanized steel
- Length x width x height: approx. 100 x 11 x 8 cm



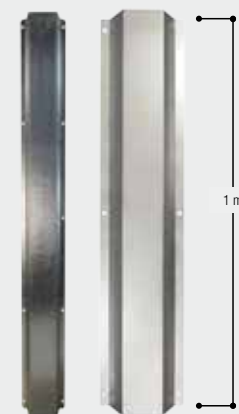
Protection Plate, Stainless Steel

Order Ref. 103.1958

- Protection plate for tubes
- Made of stainless steel
- Length x width x height: approx. 100 x 21,5 x 6 cm



Order Ref.	Type	Packing Hints
103.1957	Protection plate, galvanized, 100 x 11 x 8 cm	1 piece
103.1958	Protection plate, stainless steel, 100 x 21,5 x 6 cm	1 piece



103.1957 103.1958

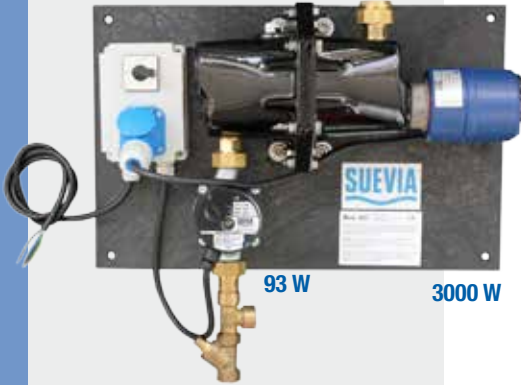


Protection plate 103.1958 with Mod. 25R



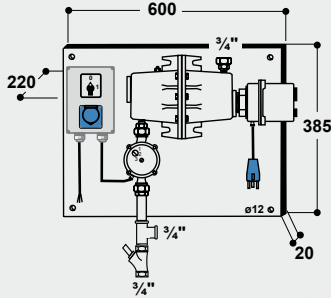
HEATING UNITS

400 V 230 V
101.0300 101.0303

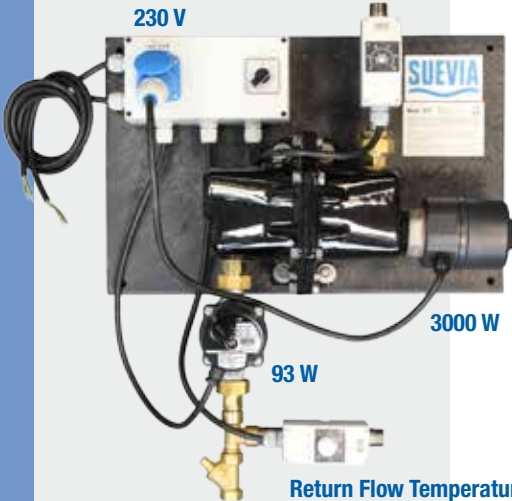


93 W 3000 W

included in scope of delivery:

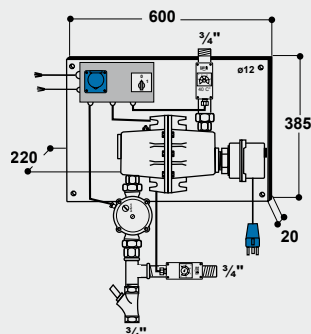


230 V



93 W 3000 W
Return Flow Temperature Control

included in scope of delivery:



Heating Unit

Model 300, 3000 W, 400 V

Order Ref. 101.0300

Model 303, 3000 W, 230 V

Order Ref. 101.0303

- Provides frost-protected water in **insulated water circuits** (1/2" or 3/4" pipe). Circuit length **max. 200 m**
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty conditions.
- Heating units Model 300 and 303 are equipped each **with one 3000 W heating element** and a **circulation pump with stainless steel base (230 V, 93 W)**
- Heating element is thermostatically controlled and equipped with an overheating protection (STC). Desired water flow temperature can be adjusted at a regulable switch.
- Cage of heating element in premium cast iron, enamelled
- Model 300 and Model 303 are factory-mounted on a plate ready for immediate installation and use! Water connections are hold in 3/4".
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- One residual-current device 30mA has to be provided by the customer.

Order Ref.	Type	Packing Hints
101.0300	Heating unit Mod. 300, 400 V, 3000 W, pump 93 W	1 piece/box
101.0303	Heating unit Mod. 303, 230 V, 3000 W, pump 93 W	1 piece/box
101.0309	Flow control 3/4"	1 piece
101.0308	Alarm system for water circuits	1 set/bag
101.1348	Upgrade Kit to Return Flow Temperature Control for Mod. 303 with a blue CEKON plug	1 set/box

Heating Unit with Return Flow Temperature Control

Model 317, 3000 W, 230 V

Order Ref. 101.0317

- Provides frost-protected water in **insulated water circuits** (1/2" or 3/4" pipe). Circuit length **max. 200 m**
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty conditions.
- Heating unit Model 317 is equipped **with one heating element (230 V, 3000 W)** and with a **circulation pump with stainless steel base (230 V, 93 W)**.
- Cage of heating element in premium cast iron, enamelled
- The unit is factory-mounted on a plate and ready for installation. Water connections are hold in 3/4".
- **With return flow temperature control:** Desired return water flow temperature is regulated by a sensor mounted on the return flow pipe. If return flow water temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Heating elements are thermostatically controlled and equipped with an overheating protection (STC)
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating elements in a separated way.

Order Ref.	Type	Packing Hints
101.0317	Heating unit Mod. 317, 230 V, 3000 W, pump 93 W	1 piece/box
101.0309	Flow control 3/4"	1 piece
101.0308	Alarm system for water circuits	1 set/bag

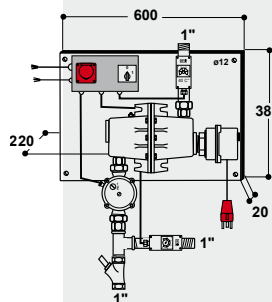
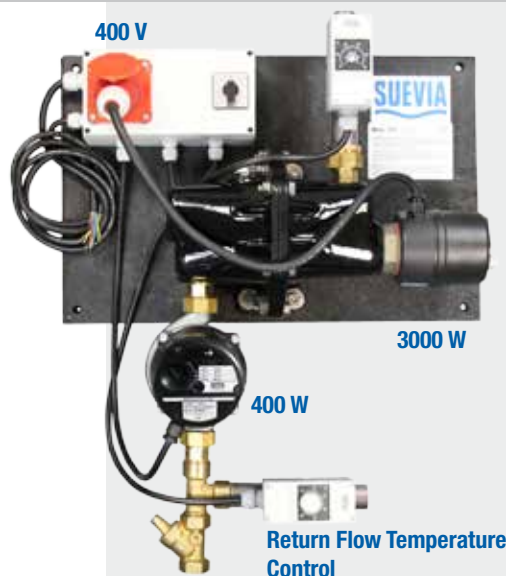


Heating Unit with Return Flow Temperature Control Model 311, 3000 W, 400 V

Order Ref. 101.0311

- Provides frost-protected water in **insulated water circuits** (¾" or 1" pipe) for circuit length **max. 250 m**
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty conditions.
- Cage of heating element in premium cast iron, enamelled
- Heating unit Model 311 is equipped **with one 3000 W, 400 V heating element** and a **high-capacity circulation pump with stainless steel base (230 V, 400 W)**
- The unit is factory-mounted on a plate and ready for installation. Water connections are hold in 1".
- **With return flow temperature control:** Desired return water flow temperature is regulated by a sensor mounted on the return flow pipe. If return flow water temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Heating element is thermostatically controlled and equipped with an overheating protection (STC)
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating element in a separated way.

Order Ref.	Type	Packing Hints
101.0311	Heating unit Mod. 311, 400 V, 3000 W, pump 400 W	1 piece/box
101.0309	Flow control ¾"	1 piece
101.0310	Flow control 1"	1 piece
101.0308	Alarm system for water circuits	1 set/bag



included in scope of delivery:



Alarm System for Water Circuits

Order Ref. 101.0308

Consists of a thermostat and a signal horn, 230 V. It has to be installed separately from the heating unit, in the stable at the water circuit pipe. When temperature falls e.g. under adjusted +5°C, the alarm signal is activated informing about a drop in temperature!

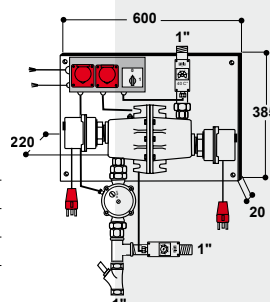
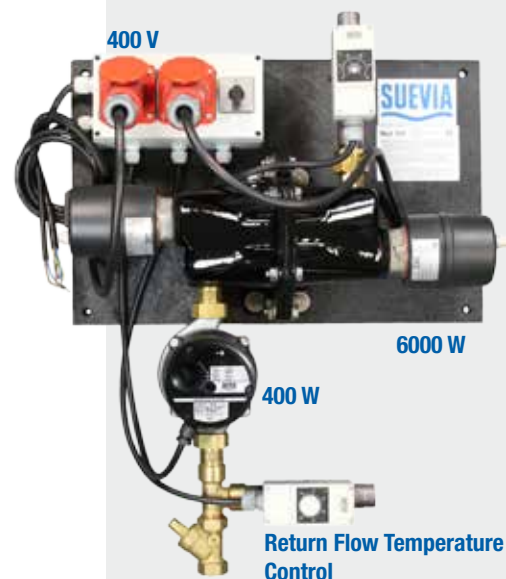


Heating Unit with Return Flow Temperature Control Model 312, 6000 W, 400 V

Order Ref. 101.0312

- Provides frost-protected water in **insulated water circuits** (¾" or 1" pipe) for circuit length **max. 350 m**
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty conditions.
- Cage of heating element in premium cast iron, enamelled
- Heating unit Model 312 is equipped **with 6000 W (2x 3000 W, 400 V heating elements)** and a **high-capacity circulation pump with stainless steel base (230 V, 400 W)**
- The unit is factory-mounted on a plate and ready for installation. Water connections are hold in 1".
- **With return flow temperature control:** Desired return water flow temperature is regulated by a sensor mounted on the return flow pipe. If return flow water temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Heating elements are thermostatically controlled and equipped with an overheating protection (STC)
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating elements in a separated way.

Order Ref.	Type	Packing Hints
101.0312	Heating unit Mod. 312, 400 V, 6000 W, pump 400 W	1 piece/box
101.0309	Flow control ¾"	1 piece
101.0310	Flow control 1"	1 piece
101.0308	Alarm system for water circuits	1 set/bag

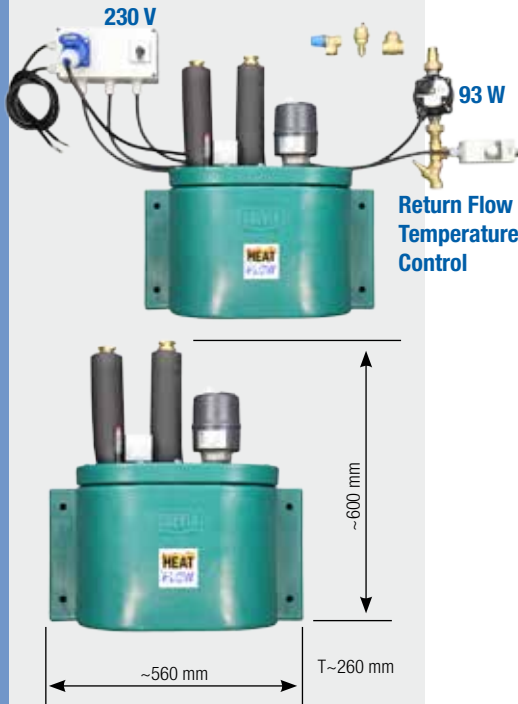


included in scope of delivery:





HEATING UNITS

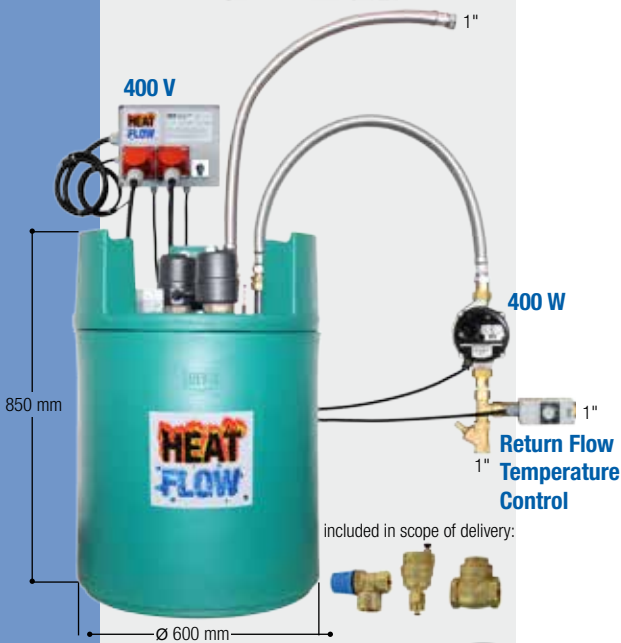


Heating unit HEATFLOW MINI, 230 V, 3000 W

- Provides frost-protected water in **insulated water circuits** (¾"). Circuit length **max. 200 m**
- The **heating unit HEATFLOW MINI is available with heating power of 3000 W** and is especially developed for **free stalls** for cattle, horses, pigs and sheep.
- The heating element heats up a secondary water, which transfers the heat to the drinking water for the animals. A maximum temperature of 40°C reduces the appearance of lime to a minimum. Therefore it is especially developed for keeping **circuit pipes with limy water frost-free!**
- **With return flow temperature control:** Desired temperature of return water flow is regulated by a sensor mounted on the return flow pipe. If return water flow temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Equipped with a **circulation pump with stainless steel base (230 V, 93 W)**
- The heating element is equipped with an overheating protection (STC).
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating element in a separated way.

Order Ref.	Type	Packing Hints	
101.2280	Heating unit HEATFLOW MINI, 230 V, 3000 W, 93 W pump	1 piece	
101.0309	Flow control ¾"	1 piece	
101.0308	Alarm system for water circuits	1 set/bag	

HEAT FLOW



Heating units HEATFLOW from 3 to 12 kW

- Provides frost-protected water in **insulated water circuits** (¾" or 1" pipe)
- The **heating units of the HEATFLOW series are available with heating power from 3 to 12 kW** and especially developed for **large free stalls** for cattle, horses, pigs and sheep. 4 different heating units are available (see list below).
- The heating elements heat up a secondary water, which transfers the heat to the primary water. A maximum temperature of 40°C reduces the appearance of lime to a minimum. Therefore the HEATFLOW is especially developed for keeping **circuit pipes with limy water frost-free!**
- **With return flow temperature control:** Desired temperature of return water flow is regulated by a sensor mounted on the return flow pipe. If return water flow temperature is lower than the adjusted value, the heating element will be automatically switched on.
- **Expandable:** you can add another heating element to HEATFLOW units with one heating element. The heating power will then be doubled (e.g. 3+3 kW or 6+6 kW). For example if you extend your barn.
- Equipped with a **high-capacity circulation pump with stainless steel base (230 V, 400 W)**
- Water connections are hold in 1". For easy installation the HEATFLOW units are delivered with two armoured tubes.
- The heating elements are equipped with an overheating protection (STC)
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating element in a separated way.

OPTIONS:

Order Ref.	Type	Heating Power	Pump Power	Circuit Length (max.)	Packing Hints
101.2203	Heating unit HEATFLOW 3 kW	3 kW (1x 3 kW)	400 W	250 m	2 pieces/pallet
101.2233	Heating unit HEATFLOW 3+3 kW	6 kW (2x 3 kW)	400 W	350 m	2 pieces/pallet
101.2206	Heating unit HEATFLOW 6 kW	6 kW (1x 6 kW)	400 W	350 m	2 pieces/pallet
101.2266	Heating unit HEATFLOW 6+6 kW	12 kW (2x 6 kW)	400 W	450 m	2 pieces/pallet
101.0309	Flow control ¾"	--	--	--	1 piece
101.0310	Flow control 1"	--	--	--	1 piece
101.0308	Alarm system for water circuits	--	--	--	1 set/bag

INSIDER TIP!

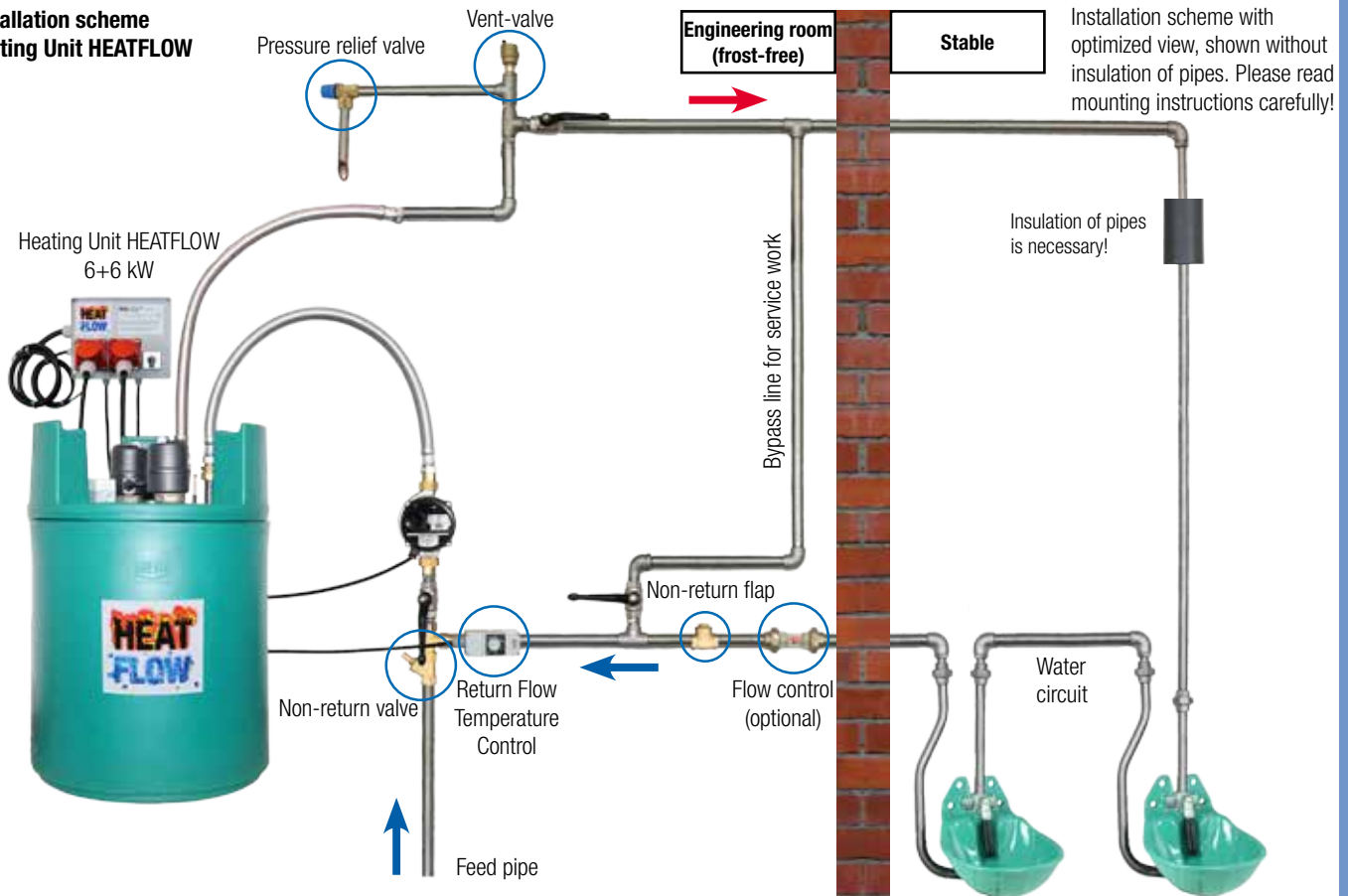
Heating Units HEATFLOW are especially developed for frost protection of **circuit pipes with limy water!**



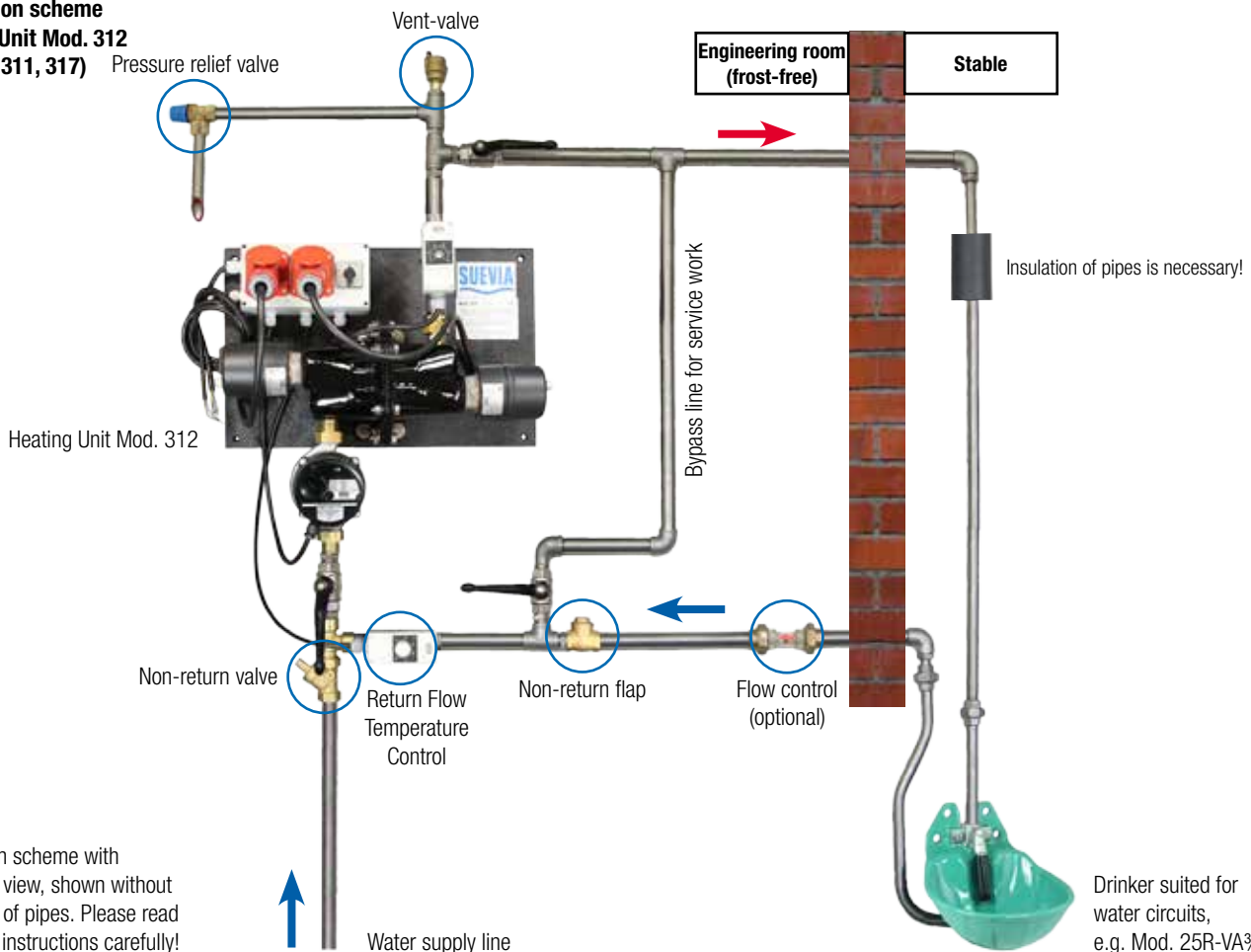


HEATING UNITS

**Installation scheme
Heating Unit HEATFLOW**



**Installation scheme
Heating Unit Mod. 312
(or Mod. 311, 317)**



Installation scheme with optimized view, shown without insulation of pipes. Please read mounting instructions carefully!

Drinker suited for water circuits, e.g. Mod. 25R-VA¾"



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS



Drainage hole downwards

2 DRAINAGE HOLES!



Front evacuation

No wet or frozen manure in winter due to second drainage hole downwards!

COVER CAN BE TILTED UPWARDS!



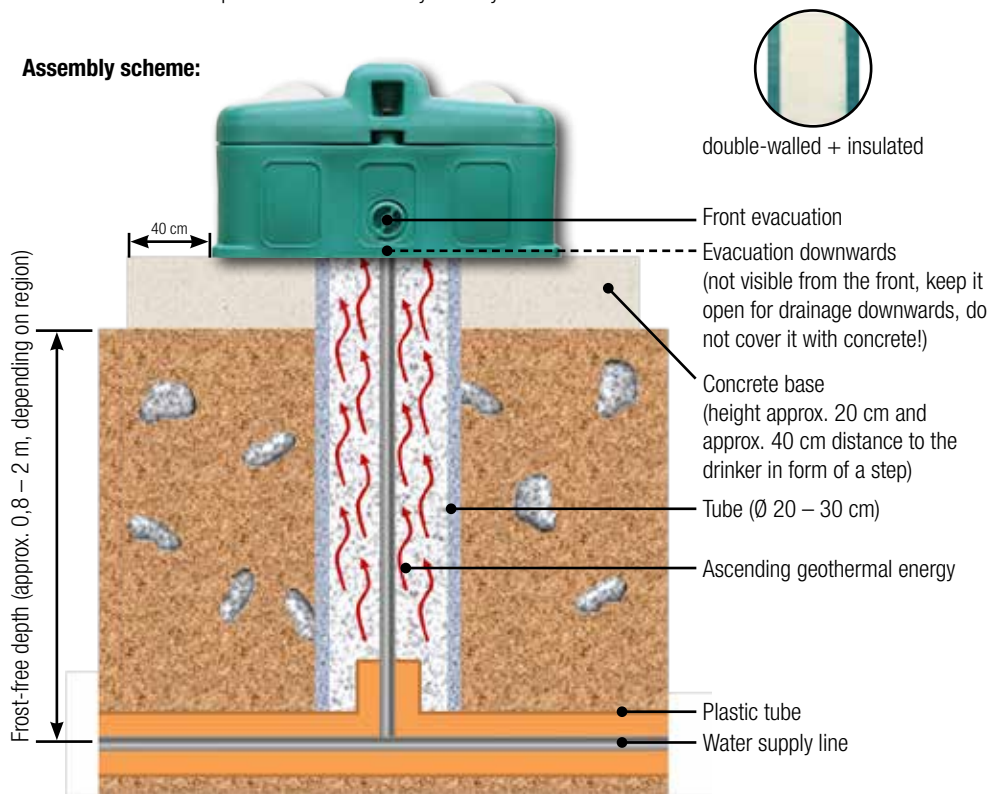
Frost-Protected Drinkers Thermo Source

SUEVIA Thermo Source Drinkers are **very well insulated** drinking facilities made of premium quality **UV-resistant polyethylene**, which provide frost-protected water **without use of electricity**. The perfect insulation prevents a drop in temperature and the water in the bowl from freezing even when extreme minus temperatures are given. The water supply line has to be placed in a frost-free depth valid for your area! "Earth-warm" water (in winter season approx. 6°C) runs into the thermo drinker through the high-capacity MAXIFLOW float-valve (up to 40 l/min) installed in the middle of the trough. Water level can be adjusted at MAXIFLOW float valve. Constant drinking out of the trough by the animals guarantees a continued renewal of "earth-warm" water in the drinker!
We recommend Thermo Source Drinkers in particular for those cases when no electricity is available in the stable!

Mod. 630 and Mod. 640, for cattle and horses. The drinking place is closed with a ball, which is pushed aside by the animals when they want to drink. After leaving the drinking place, the ball closes the opening again.

Mod. 850 and Mod. 860, with visible water surface: suited **for animals with sensitive noses**. Water remains constantly accessible for the animals, they can see and smell the water! They do not have to press down balls or lift up flaps for drinking. Even very young animals accept this drinker in the very first days of life!

Assembly scheme:



Please ask your dealer for details.

Easy opening without use of tools! The cover can now be tilted upwards.

Large drainage hole! Due to a wide opening – evacuation within seconds

INSIDER TIP!

In order to avoid the danger of being soiled we recommend to place the thermo source drinker on a socle of approx. 20 cm of height. This socle should be large enough that when the animals want to drink they have to make a step with their forelegs on the basement: they will never make a step backwards onto the socle!





SUEVIA

HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Model 630 with one ball drinking place

Order Ref. 130.0630

- Sufficient water supply of approx. **20 big animals, horses / cows**
- Recommended quantity of animals in case of minus temperatures at least 10 animals
- Armoured hose and socle sealing in scope of delivery
- Contents 40 l

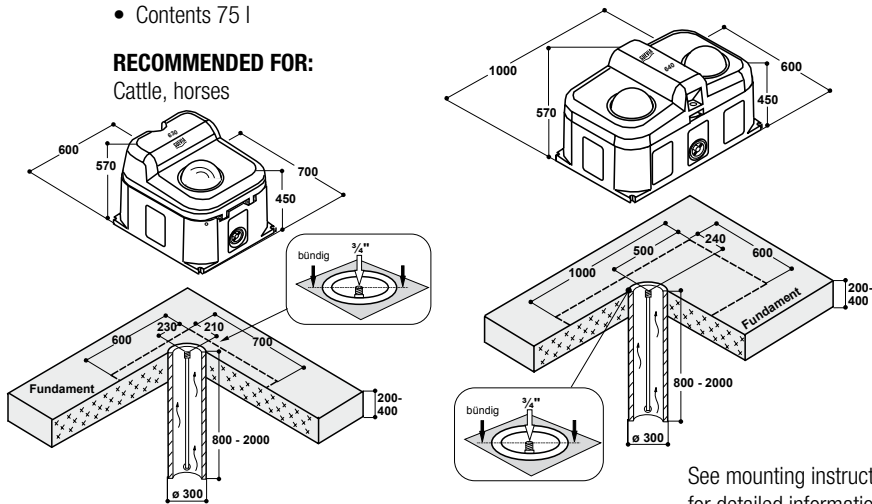
Model 640 with two ball drinking places

Order Ref. 130.0640

- Sufficient water supply of approx. **40 big animals, horses / cows**
- Recommended quantity of animals in case of minus temperatures at least 20 animals
- Armoured hose and socle sealing in scope of delivery
- Contents 75 l

RECOMMENDED FOR:

Cattle, horses



See mounting instructions for detailed information!

FROST-PROTECTED DOWN TO -25°C WITHOUT ELECTRICITY!



Model 850 with one drinking place

Order Ref. 130.0850

- Sufficient water supply of approx. **20 big animals, horses / cows, or 50 sheep / goats**
- Recommended quantity of animals in case of minus temperatures at least 10 big animals or 35 sheep / goats
- Armoured hose and socle sealing in scope of delivery
- Contents 40 l, dimensions see Mod. 630

Model 860 with two drinking places

Order Ref. 130.0860

- Sufficient water supply of approx. **40 large animals, horses / cows, or 100 sheep / goats**
- Recommended quantity of animals in case of minus temperatures at least 20 big animals or 75 sheep / goats
- Armoured hose and socle sealing in scope of delivery
- Contents 75 l, dimensions see Mod. 640

RECOMMENDED FOR:

Calves, horses, sheep, goats

Order Ref.	Type	Packing Hints	
130.0630	Thermo Source Model 630, 1 drinking place	1 piece	
130.0640	Thermo Source Model 640, 2 drinking places	1 piece	
130.0850	Thermo Source Model 850, 1 drinking place	1 piece	
130.0860	Thermo Source Model 860, 2 drinking places	1 piece	
131.6070	Heating Element for Mod. 630/640, 24 V, 180 W	1 piece/bag	
131.6071	Heating Element for Mod. 850/860, 24 V, 180 W	1 piece/bag	

FROST-PROTECTED DOWN TO -10°C WITHOUT ELECTRICITY!



HEATING ELEMENT for enhanced frost protection
Mod. 630/640 FROST-PROTECTED down to -35°C
Mod. 850/860 FROST-PROTECTED down to -25°C

Transformer necessary!





TROUGHS AND DRINKERS FOR FREE STALLS

Troughs and Drinkers for Free Stalls

In order to achieve high milk production it is necessary to give cows the opportunity to drink as much water as possible. **Dairy cows require 4- 5 liters of water to produce 1 liter of milk.** They can cover a part of their demand by eating fodder. On hot summer days animals may drink up to additional 150 liters of water, depending on their milk production. On average they drink up to 5 to 8 liters per minute. However when the cows are extremely thirsty they manage to drink up to 25 liters per minute. Your water supply equipment will require technology to cover this great demand! We therefore recommend the installation of one drinking trough for up to 15 – 20 animals in free stalls for dairy cows. The distance between each of the troughs should not be more than 15 meters. Please ensure that you allow the animals in each group to have access to at least 2 drinking troughs.



INSIDER TIP!

Prerequisite of a high milk production level is an optimal water supply system! Dairy cows have a very pronounced sense of taste! Especially among dairy cows, SUEVIA troughs that do not soil easily and can be quickly cleaned will soon pay off!

For dairy cows we recommend the installation of **SUEVIA high-capacity troughs**. These will give the animals the opportunity to drink water quickly and in large quantities. In many stalls **a combination of space-saving valve troughs and large, voluminous troughs** is very reasonable and recommended.

The space saving **SUEVIA valve trough drinkers** Model 480, 500 and 520 can be installed in every free stall for dairy cows. Due to the high-output valve a water supply of up to 30 liters per minute can be achieved. Fodder remnants which are carried into the troughs by the animals, are taken in by the animals again. Due to high water supply and the special trough construction lengthy time-consuming cleaning of the troughs can be reduced to a minimum. As the water depth is very low, the fodder pieces can not settle and the trough is **therefore self-cleaning. Of course these troughs can also be frost-protected!** (see p. 37)

Our **trough drinkers with float valves** Model 600 and 620 are preferably installed for animals with anti-suction rings. These troughs also guarantee a very high water supply of up to 40 liters per minute. When using an additional heating element the trough drinkers can be kept frost-free at low extra cost.





TROUGHS AND DRINKERS FOR FREE STALLS



In particular for regions with extremely long and hard winter season SUEVIA developed the **ISO-Drinker** Model 6620. These compact high-performance drinkers are delivered equipped as standard with an installed heating element and an insulated body. They ensure a sufficient supply in water for your animals even in very frosty conditions.

SUEVIA completed his program with very well insulated high-performance **ISO-Drinkers and Thermo Drinkers 2,3 and 4,3 m**, which are very versatile in use!

After milking, cows take in up to 30 % of their daily water requirements. As a result it makes sense to offer the animals water in long drinking troughs after having left the milking parlour. Until the herd has settled and arranged their own ranking order again after milking, it can be observed that under these circumstances and only in these moments the cows are ready to accept other cows to drink simultaneously out of one trough. The farmer has then the choice to install **SUEVIA quick draining troughs, SUEVIA Thermo trough drinkers** or **SUEVIA tip-over troughs**.

The **SUEVIA quick drainage troughs**, as well as **SUEVIA Thermo troughs** have a conical and inclined floor and are provided with a large diameter drainage hole. In order to empty or clean the trough the drainage plug is removed: **water is directly channelled downwards** through drainage tube in a quick way! **No ice in front of the trough in winter season!**

The **SUEVIA flat tip-over troughs** are simply cleaned by tipping them over. In order to provide a sufficient amount of water to the animals, these troughs are equipped with the high-capacity SUEVIA MASTERFLOW float-valve, which enables a water supply of up to 40 liters per minute. They are connected to a fixed water pipe.

You will find a detailed description of the different frost protection possibilities for each of the SUEVIA trough drinkers in the respective product descriptions.



TROUGHS AND DRINKERS FOR FREE STALLS



Compact Trough Drinker 55 cm Compact Trough Drinker 100 cm

Order Ref. 130.6140

Order Ref. 130.6150

- Compact trough drinker for wall fixation, sufficient for **15 – 20 animals**
- Completely made of **stainless steel**
- Water flow of up to **40 l/min** permits a continual and efficient watering of the animals
- $\frac{3}{4}$ " male connection, possible from right or left hand side
- With drainage for quick evacuation (55 cm = $1\frac{1}{4}$ ", 100 cm = Plug \varnothing 100 mm)
- Contents 30 l (55 cm), 60 l (100 cm)

ACCESSORIES:

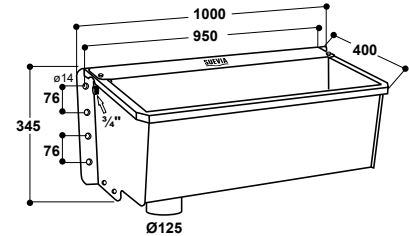
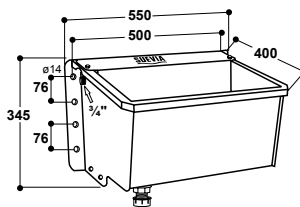
- **Protection bar**, hot-galvanized
- **Circuit pipe**, stainless steel

RECOMMENDED FOR:

Cattle, dairy cows, horses, ideal for animals with nose rings or anti-suction ring



Big drainage hole for evacuation and cleaning of the trough



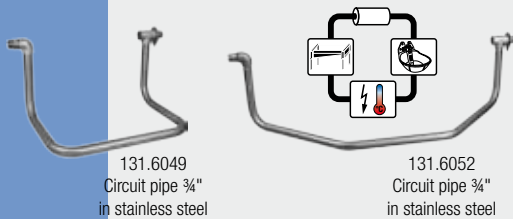
131.1390
Protection bar,
hot-galvanized

131.1396
Protection bar,
hot-galvanized



131.6058

131.6059



131.6049
Circuit pipe $\frac{3}{4}$ "
in stainless steel

131.6052
Circuit pipe $\frac{3}{4}$ "
in stainless steel

Options for Frost Protection

Heating element 24 V, for installation under the trough

- **Heating element 24 V, 180 W** (Order Ref. 131.6058), with heating spiral 24 V, 180 W
- Easy fixation under the trough
- Frost protection **down to -20°C**
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. This heating cable is connected parallel to the heating spiral of the heating element. Plastic pipes have to be wrapped first with an aluminium adhesive tape.
- For extremely cold areas a **valve heating Model 527** (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection.
- For power supply a SUEVIA **transformer 230/24 V** is necessary. For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed.

Integration into a water circuit line

- **$\frac{3}{4}$ " circuit pipe in stainless steel** suited for installation into Model 130.6140 or 130.6150. If connected to a water circuit and in combination with a SUEVIA heating unit, **frost protection is reached for the water line as well as for the water in the trough.**
- For connection to a water circuit we recommend a SUEVIA **heating unit** (see pages 28 – 31)

Order Ref.	Type	Packing Hints
130.6140	Compact Trough Drinker 55 cm	1 piece
131.1390	Protection bar, hot-galvanized, for Compact Trough Drinker 130.6140	1 piece
131.6049	Circuit pipe $\frac{3}{4}$ ", stainless steel	1 piece
131.6058	Heating element 24 V, 180 W, for 130.6140	1 piece
130.6150	Compact Trough Drinker 100 cm	1 piece
131.1396	Protection bar, hot-galvanized, for Compact Trough Drinker 130.6150	1 piece
131.6052	Circuit pipe $\frac{3}{4}$ ", stainless steel	1 piece
131.6059	Heating element 24 V, 180 W, for 130.6150	1 piece
131.0527	Valve Heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll

$\frac{3}{4}$ " male connection, possible from right or left hand side

With connection possibility for a drainage tube DN125. Reduces ice formation in front of the drinker in winter season.

Valve Heating
Order Ref. 131.0527
for increased frost protection of the valve

2 m: 101.0861
3 m: 101.1863





TROUGHS AND DRINKERS FOR FREE STALLS

NEW! Compact Trough Drinker 45 cm

Order Ref. 130.6137

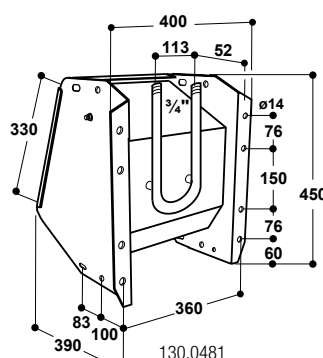
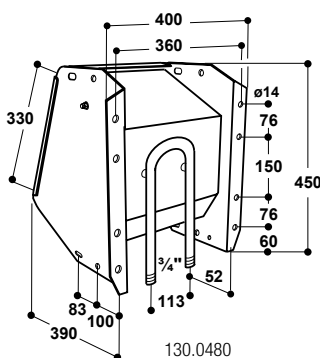
- Compact trough drinker, 45 cm wide, for wall fixation
- With integrated $\frac{3}{4}$ " circuit pipe (unmounted)
- Completely made of **stainless steel**
- Water flow of up to **30 l/min** permits a continual and efficient watering of the animals
- **Maximum pressure of 4 bar for the valve**
- With drainage for quick evacuation, plug \varnothing 100 mm
- Contents 20 l

Order Ref.	Type	Packing Hints
NEW! 130.6137	Compact Trough Drinker 45 cm, with integrated circuit	1 piece

Valve Trough Drinker Model 480

- Trough with **one** drinking place suited for **15 – 20 animals**
- With integrated connection to a water circuit 2 x $\frac{3}{4}$ " male (Order Ref. 130.0480 = downwards, Order Ref. 130.0481 = upwards)
- Subsequent installation of one **heating element** (Order Ref. 131.0528) possible
- Ideal for cattle and dairy cows in free stalls – **space-saving, self-cleaning design!**
- Completely made of **stainless steel**
- Water flow of up to **30 l/min** permits a continual and efficient watering of the animals
- Valve operation via broad and smoothly running valve flap
- **Always fresh and clean water for your animals:** due to water flow and special design of the bowl: feed rests are flushed by the running water and drunk by the animals at the same time
- For cleaning the valve cover can be opened without use of tools
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or pipe mounting

Order Ref.	Type	Packing Hints
130.0480	Valve trough drinker Mod. 480, connection downwards	1 piece
130.0481	Valve trough drinker Mod. 480, connection upwards	1 piece
131.0528	Heating element 24 V. 80 W	1 piece
131.1391	Protection bar, hot-galvanized	1 piece
131.1050	Fixation 90°, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1394	Protection bar, hot-galvanized, for Mod. 480, 500, 600 if installed with fixation 90°	1 piece
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box



NEW!



130.6137



130.6137
View without cover



130.0480



130.0481



131.0528



130.0480



130.0481

view from above



130.0480



130.0481



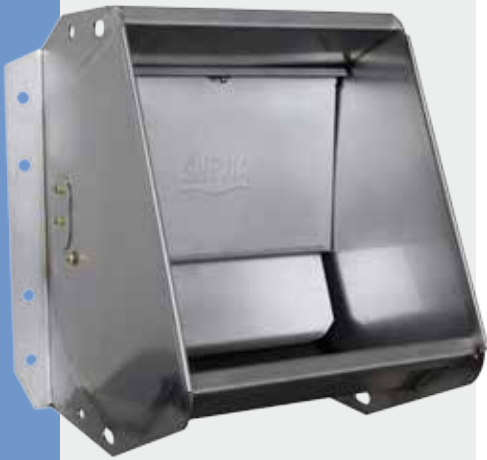
TROUGHS AND DRINKERS FOR FREE STALLS



INSIDER TIP!

Always fresh and clean water for the animals!

Due to water flow and special design of the bowl: feed rests are flushed by the running water and drunk by the animals at the same time.



SUEVIA Valve Trough Drinkers

- Ideal for cattle and dairy cows in free stalls – **space-saving, self-cleaning design!**
- Completely made of **stainless steel**
- Water flow of up to **30 l/min** permits a continual and efficient watering of the animals
- Valve operation via broad and smoothly running valve flap
- Weight-loaded valve, suited for high and low water pressure
- Connection to a water circuit with connection set for $\frac{3}{4}$ " water circuits and in combination with a SUEVIA heating unit
- **Always fresh and clean water for your animals:** due to water flow and special design of the bowl: feed rests are flushed by the running water and drunk by the animals at the same time
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or pipe mounting

ACCESSORIES:

- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1391)
- **Protection bar, hot-galvanized**, for Mod. 520, 620 (Ref. 131.1393)
- **Fixation 90°, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600, if installed with fixation 90° (Ref. 131.1394)

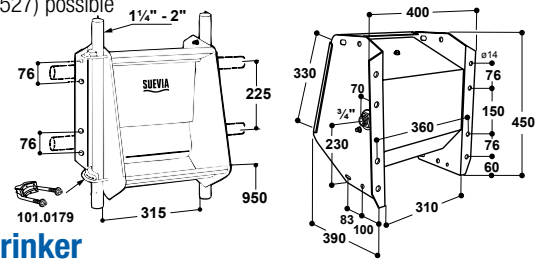
RECOMMENDED FOR:

Dairy cows, cattle

Valve Trough Drinker Model 500

Order Ref. 130.0500

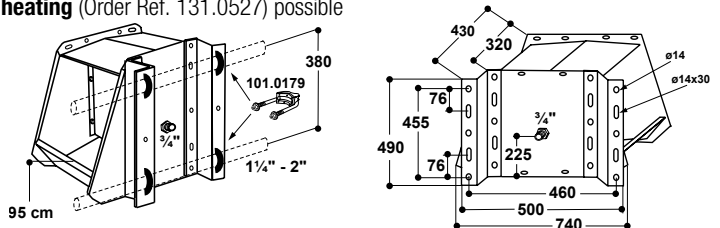
- Trough with **one** drinking place suited for **15 – 20 animals**
- $\frac{3}{4}$ " **male connection from right or left side** is possible by changing the valve from right to left or vice versa
- Subsequent installation of one **heating element** (Order Ref. 131.0523) and of a **valve heating** (Order Ref. 131.0527) possible



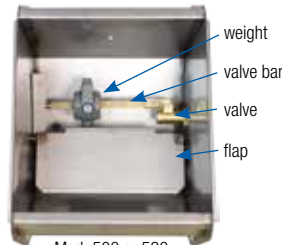
Double Valve Trough Drinker Model 520

Order Ref. 130.0520

- Trough drinker with **two facing drinking places** for **30 – 40 animals**
- No fights for an individual place as alongside longer troughs, enabling **two animals to drink simultaneously**
- $\frac{3}{4}$ " lateral male connection
- Supports for lateral wall mounting inclusive
- Subsequent installation of **1 or 2 heating elements** (Order Ref. 131.0524) and of a **valve heating** (Order Ref. 131.0527) possible



Mod. 500



Mod. 500 or 520



Mod. 520



TROUGHS AND DRINKERS FOR FREE STALLS

Options for Frost Protection

Frost protection by Heating Element

If frost protection in case of Model 500/520 is desired, a **heating element** (24 V, 80 W) is fixed under the trough. In order to ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) is wrapped around the feed pipe and connected to the heating element in parallel to the power supply cable, coming from the transformer. The heating cable and the water line have to be insulated, however, additionally and protected against biting. For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 25). For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see p. 25).

Correct choice of Heating Element:

- **For Model 500:** Heating element Model. 523 (Order Ref. 131.0523), 24 V, 80 W, to maintain the water frost-protected in the trough
- **For Model 520:** Heating element Model 524 (Order Ref. 131.0524), 24 V, 80 W: installation of one or two heating elements is possible to maintain the water frost-protected in the double trough

Increased frost protection down to -35°C (suited for both troughs)

Valve Heating Model 527 (24 V, 7 W, Order Ref. 131.0527) can be supplied on demand for subsequent installation.

Connection to a feed pipe

To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the feed pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer. If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).

Integration into a water circuit line

- In combination with a SUEVIA **connection set for 3/4" water circuits** (Order Ref. 103.1984, 103.3004) an easy integration of Model 500/520 into a water circuit is possible! For connection to a water circuit we recommend **heating units** (p. 28 – 31).
- In order to prevent water in the bowl from freezing, use additionally a heating element Model 523 or Model 524. Transformer necessary!
- **For extremely cold areas subsequent installation of a valve heating Model 527** (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection.

Order Ref.	Type	Packing Hints
130.0500	Valve trough drinker Mod. 500	1 piece
130.0520	Double valve trough drinker Mod. 520	1 piece
131.1391	Protection bar, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1393	Protection bar, hot-galvanized, for Mod. 520, 620	1 piece
131.1050	Fixation 90°, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1394	Protection bar, hot-galvanized, for Mod. 480, 500, 600 if installed with fixation 90°	1 piece
131.0523	Heating element Mod. 523, 24 V, 80 W	1 piece
131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1984	Connection set for 3/4" water circuits for Mod. 500, 600	1 piece/bag
103.3004	Connection set for 3/4" water circuits for Mod. 520, 620	1 piece/bag
103.3007	Connection set for 1" water circuits for Mod. 520, 620	1 piece/bag



131.0523

131.0524



131.0527
Valve Heating
installed in Model
500



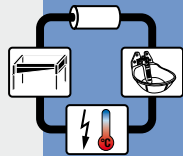
2 m: 101.0861
3 m: 101.1863



3/4": 103.3004
1": 103.3007
for Mod. 520



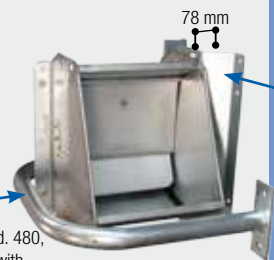
103.1984
for Mod. 500



131.1393
Protection bar,
hot-galvanized,
for Mod. 520 and 620



131.1391
Protection bar,
hot-galvanized,
for Mod. 480, 500, 600



131.1394
Protection bar (for Mod. 480,
500, 600, if installed with
fixation 90°), hot-galvanized

131.1050
Fixation 90°,
hot-galvanized
for Mod. 480,
500, 600

NEW!





TROUGHS AND DRINKERS FOR FREE STALLS



INSIDER TIP!

We recommend troughs with constant water level mainly for animals with nose or anti-suction ring!



View of the drainage plug from below



View of the drainage plug from inside



Mod. 600



Float valve

Floater of the valve

Mod. 600



Mod. 620



Mod. 620

SUEVIA Trough Drinkers with Float Valve

- For all free stalls – **space-saving design!**
- Completely made of **stainless steel**
- With float valve: constant water level
- Continual and efficient drinking of the animals thanks to installed high-performance MAXIFLOW float valve, water flow up to **40 l/min**
- Ideal for animals with nose rings or anti suction ring
- Connection to a water circuit means of a connection set for 3/4" water circuits
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or tube mounting

ACCESSORIES:

- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1391)
- **Protection bar, hot-galvanized**, for Mod. 520, 620 (Ref. 131.1393)
- **Fixation 90°, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600, if installed with fixation 90° (Ref. 131.1394)

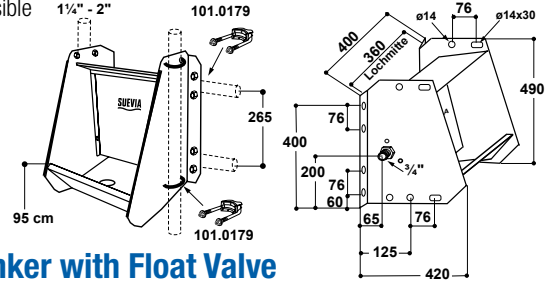
RECOMMENDED FOR:

Dairy cows and cattle with nose or anti-suction ring

Trough Drinker with Float Valve Model 600

Order Ref. 130.0600

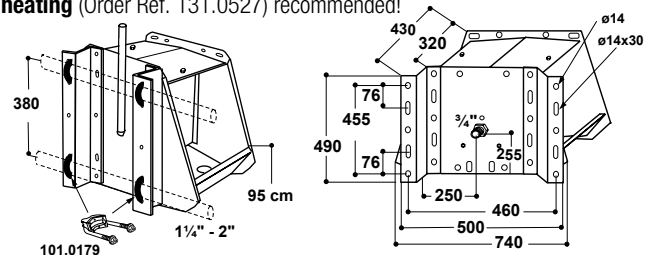
- With one drinking place **for 15 – 20 animals**
- 3/4" **male connection from right or left side** is possible by changing the valve from right to left or vice versa
- Integrated large drainage hole
- Installation of one **heating element** (Order Ref. 131.0524) and of a **valve heating** (Order Ref. 131.0527) possible



Double Trough Drinker with Float Valve Model 620

Order Ref. 130.0620

- Trough with two facing drinking places **for 30 – 40 animals**
- No fights for an individual place as given on longer troughs, enabling **two animals to drink simultaneously** on their own chosen place
- 3/4" lateral male connection, possible from left or right
- With two large drainage holes
- Supports for lateral wall mounting inclusive
- Installation of **two heating elements** (Order Ref. 131.0524) and for extremely cold areas of a **valve heating** (Order Ref. 131.0527) recommended!





TROUGHS AND DRINKERS FOR FREE STALLS

Frost protection by Heating Element

If frost protection in case of Model 600/620 is desired, a **heating element** (24 V) is fixed under the trough. In order to ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) is wrapped around the pipe and connected to the heating element in parallel to the power supply cable, coming from the transformer. The heating cable and the water line have to be insulated, however, additionally and protected against biting. For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 25). For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see p. 25).

Suited heating element

- **For both Models:** Heating element Model 524 (Order Ref. 131.0524), 24 V, 80 W: to maintain the water frost-protected in the trough.
- **For Model 620:** we **recommend** the use of **two heating elements**

Increased frost protection of the valve, down to -30°C (for both troughs)

A valve heating Model 527 (24 V, 7 W, (Order Ref. 131.0527) can be supplied on demand for subsequent installation.

Connection to a feed pipe

To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer. If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).

Integration into a water circuit line

- In combination with a SUEVIA **connection set for ¾" water circuits** (Order Ref. 103.1984, 103.3004) an easy integration of Model 600/620 into a water circuit is possible! For connection to a water circuit we recommend **heating units** (p. 28 – 31).
- In order to prevent water in the bowl from freezing, use additionally a heating element Model 524. Transformer necessary!
- **For extremely cold areas subsequent installation of a valve heating Model 527** (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection (suited for both troughs).

Order Ref.	Type	Packing Hints
130.0600	Trough drinker with float valve Mod. 600	1 piece
130.0620	Double trough drinker with float valve Mod. 620	1 piece
131.1391	Protection bar, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1393	Protection bar, hot-galvanized, for Mod. 520, 620	1 piece
131.1050	Fixation 90°, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1394	Protection bar, hot-galvanized, for Mod. 480, 500, 600 if installed with fixation 90°	1 piece
131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1984	Connection set for ¾" water circuits for Mod. 500, 600	1 piece/bag
103.3004	Connection set for ¾" water circuits for Mod. 520, 620	1 piece/bag
NEW! 103.3007	Connection set for 1" water circuits for Mod. 520, 620	1 piece/bag



131.0524



131.0527
Valve Heating
installed in Model
600



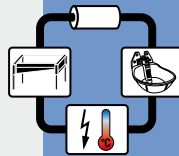
2 m: 101.0861
3 m: 101.1863



¾": 103.3004
1": 103.3007
for Mod. 620



103.1984
for Mod. 600



131.1393
Protection bar,
hot-galvanized,
for Mod. 520 and 620



131.1391
Protection bar, hot-galvanized,
for Mod. 480, 500, 600



131.1394
Protection bar (for Mod. 480,
500, 600, if installed with
fixation 90°), hot-galvanized



131.1050
Fixation 90°,
hot-galvanized
for Mod. 480,
500, 600





TROUGHS AND DRINKERS FOR FREE STALLS



without legs:
wall fixation version



rounded edges at trough

with legs:
ground fixation version

INSIDER TIP!

No tipping-over – direct drainage!

Water is directly channeled downwards through drainage tube! **No ice in front of the trough in winter season!**



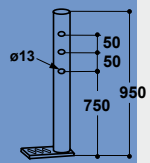
Photo with additionally installed low pressure float valve (yellow)



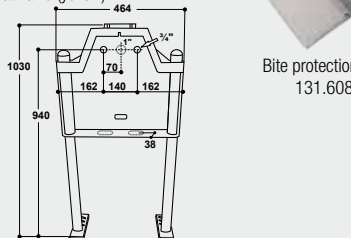
NEW!



Bite protection plate
131.6085



The height of trough adjustable by legs



- 130.6214 → 1400 mm = 100 l
- 130.6219 → 1900 mm = 130 l
- 130.6223 → 2300 mm = 160 l
- 130.6230 → 2850 mm = 200 l
- 130.6242 → 4150 mm = 325 l

SUEVIA Quick Drainage Trough

1,4 - 4,2 m

- **Conical inclined trough in stainless steel** for wall mounting
- Anti-spillage rim – water wastage reduced to a minimum
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), 3/4" male connection at the front side
- **Float valve cover can be pivoted upwards without use of tools!**
- **Large hole for quick drainage**; drainage plug can be operated above water surface
- With holder for drainage tube (tube DN 125 to be provided on site)
- With hole in operating drainage lever: If frost protection guard is installed as frost protection possibility (see beneath) excessive water produced by frost protection guard is channelled through hole of operating lever

ACCESSORIES:

- **Set of legs** (4 pieces, Order Ref. 131.6030) available, enables to adjust trough height!
- Additional installation of **low pressure float valve** (Ord. Ref. 131.0738) possible: to use, for example, warmed-up water from the milk cooling system (not possible when circuit tube Model 6064 is installed!), or one additional **MAXIFLOW float valve** (Order Ref. 131.0700) instead.
- **Bite protection plate** (Order Ref. 131.6085), to cover connections at the front side, suited for of all quick drainage troughs, prevents biting into frost protection heating cables, enables easy insulation or foaming of connection area.
- **Plug holder DE LUXE** (Order Ref. 131.6087), exchange kit for Quick Drainage Trough for an easy opening and closing of the drainage plug (see p. 44).



RECOMMENDED FOR:

Cattle, dairy cows

Order Ref.	Type	Packing Hints
130.6214	Quick drainage trough 1,4 m	1 piece
130.6219	Quick drainage trough 1,9 m	1 piece
130.6223	Quick drainage trough 2,3 m	1 piece
130.6230	Quick drainage trough 2,85 m	1 piece
130.6242	Quick drainage trough 4,2 m (Info see p. 45)	1 piece
131.6030	1 set of legs (= 4 pieces)	1 set
131.0700	MAXIFLOW float valve, Mod. 700	1 piece
131.0738	Low pressure float valve, Mod. 738	1 piece
131.6085	Bite protection plate in stainless steel	1 piece
131.6060	Heating element Mod. 6060, 24 V, 180 W	1 piece/box
131.6061	Heating element Mod. 6061, 24 V, 180 W	1 piece/box
131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.6064	3/4" circuit pipe	1 piece
131.6067	Connection set for 1" water circuits	1 piece
131.0521	3/4" frost protection guard	1 piece/box
131.6087	Plug holder De LUXE	1 piece
	1" Circuit pipe: see p. 44	



TROUGHS AND DRINKERS FOR FREE STALLS

Options for Frost Protection

Option A: Heating element 24 V, for installation **under** the trough

(Order Ref. see list)

- Easy fixation under the trough
- No sharp edges when cleaning the trough
- Provides frost protection of the trough down to approx. **-20°C**
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer.
- For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer, see p. 25). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see p. 25).

Trough (Order Ref.)	Length	Contents	Heating Element (Order Ref.)	Voltage, Power
130.6214	1,4 m	100 l	131.6060	24 V, 180 W
130.6219	1,9 m	130 l	131.6061	24 V, 180 W
130.6223	2,3 m	160 l	131.6062	24 V, 360 W
130.6230	2,85 m	200 l	131.6062	24 V, 360 W



Option B: Heating element 24 V, for installation **into** the trough

Heating element 24 V, 180 W, Model 6063 (Order Ref. 131.6063), with stainless steel cover and cable connection box inclusive. Frost protection of trough down to -20°C. For installation only four boring holes have to be drilled into the trough's bottom according plan. For power supply a SUEVIA **Transformer** 230/24 V is necessary: Model 390 or Model 392. For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see p. 25). To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used.



Increased frost protection of the valve

For extremely cold areas subsequent installation of a valve heating Model 527 (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection.

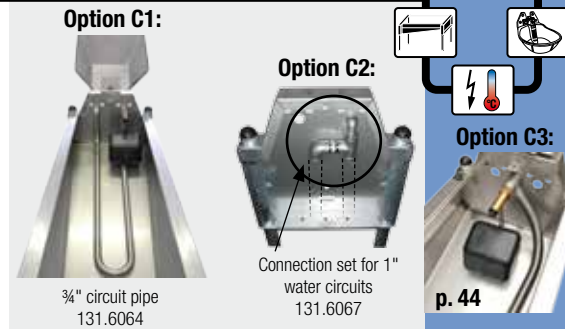


Option C: Connection to a water circuit (two options):

C1: 3/4" circuit pipe in stainless steel (Order Ref. 131.6064) suited for installation into all quick drainage troughs. If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.

C2: Stainless steel connection set for 1" water circuits (Order Ref. 131.6067) suited for all quick drainage troughs. When using this connection set, the valve of the trough can easily be by-passed by a 1" water circuit line. For frost protection of the water in the trough an additional installation of a heating element or a frost protection guard is required.

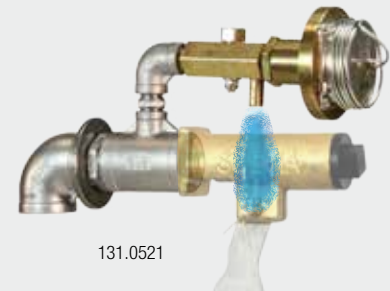
C3: 1" circuit pipe, in stainless steel: **see p. 44**



Option D: Frost protection by running water

SUEVIA 3/4" frost protection guard with connection parts (Order Ref. 131.0521).

For subsequent installation into SUEVIA quick drainage troughs. At risk of frost the installed and adjusted frost protection guard opens automatically, the adjusted water quantity flows into the trough over the float valve, situated under the frost protection guard: water in the trough remains in motion and is prevented from freezing! Surplus water produced by the frost protection guard is channeled through the hole in the lever of drainage plug. No ice in front of the trough! Frost protection without electricity!





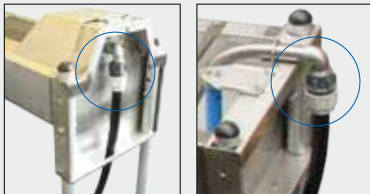
TROUGHS AND DRINKERS FOR FREE STALLS



Find for each trough the correct 1" circuit pipe:

Trough (Order Ref.)	Length	1" circuit pipe (Order Ref.)
130.6214	1,4 m	131.6110
130.6219	1,9 m	131.6111
130.6223	2,3 m	131.6112
130.6230	2,85 m	131.6113
130.6242	4,2 m	131.6114

Installation example with elbows (accessories) and plastic pipe:



1" circuit pipe
+ elbow 90° f/m 1" (103.2036)
+ threaded plastic fitting for pipe (by client)



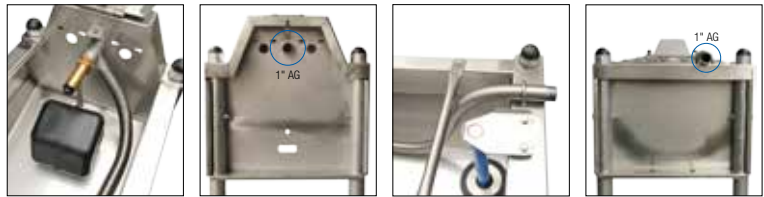
1" Circuit Pipe for SUEVIA Quick Drainage Troughs for troughs length of 1,4 m - 4,2 m

- The 1" circuit pipe runs through the whole trough from one end to the other. Ideal for water circuits of large free stalls.
- 1" circuit pipe is made of stainless steel. Available as accessory for Quick Drainage Troughs (130.6214, 130.6219, 130.6223, 130.6230) in one piece. For 130.6242 the pipe is divided in two pieces, connected with a union.
- Inclusive all fittings and connection material (see pictures "example installation without accessories")
- When using a 1" circuit pipe the installation of a frost protection guard or a bite protection plate is not possible.

ACCESSORIES:

- **Elbow 90°, f/m, stainless steel** (Order Ref. 103.2036) to connect the 1" circuit pipe to a threaded fitting of your plastic pipe. Depending on installation you may need that twice.
- **Elbow 90°, f/f, stainless steel** (Order Ref. 103.2010) for connection of the 1" circuit pipe to a threaded fitting of your plastic pipe. Depending on your pipe you may need that twice.

Installation example without accessories:



Order Ref.	Type	Packaging Hints
131.6110	1" circuit pipe for trough 130.6214	1 piece
131.6111	1" circuit pipe for trough 130.6219	1 piece
131.6112	1" circuit pipe for trough 130.6223	1 piece
131.6113	1" circuit pipe for trough 130.6230	1 piece
131.6114	1" circuit pipe for trough 130.6242	1 piece
103.2010	Elbow 90°, f/f, 1", stainless steel	1 piece
103.2036	Elbow 90°, f/m, 1", stainless steel	1 piece

NEW!

Plug holder DE LUXE

Order Ref. 131.6087

- Exchange kit for Quick Drainage Trough
- For an easy opening and closing of the drainage plug
- Easy opening: push the button. Easy closing: just push down



Order Ref.	Type	Packing Hints
131.6087	Plug holder DE LUXE	1 piece



131.6087



SUEVIA Quick Drainage Trough

Order Ref. 130.6242

4,2 m for wall fixation

- Extra long 4,2 m trough
- **Conical inclined trough in stainless steel for wall mounting**
- Suitable for large animal housings: 3,7 m inner trough length provides from 37 up to 46 dairy cows with water (8 – 10 cm trough length for each animal)
- For mounting on a concrete wall in the middle of crossings in front of cubicles
- Easy transportation thanks to a modular execution made of two parts. The seam of two parts is sealed with silicone and screwed with stainless steel bolts.
- Trough for wall mounting, inclusive middle console made of stainless steel, which is fixed to the wall and supports the trough in the middle
- Rounded corners for animals' comfort

ACCESSORIES:

- Additional Installation of **low pressure float valve** (Ord. Ref. 131.0738) possible: to use, for example, warmed-up water from the milk cooling system (not possible when circuit tube Model 6064 is installed!), or one additional **MAXIFLOW float valve** (Order Ref. 131.0700) instead.
- **Plug holder DE LUXE** (Order Ref. 131.6087), exchange kit for Quick Drainage Trough for an easy opening and closing of the drainage plug (see p. 44).
- **Options for frost protection** are listed below

Order Ref.	Type	Packing Hints
NEW! 130.6242	Quick drainage trough 4,2 m (Info see p. 45)	1 piece
131.0700	MAXIFLOW float valve, Mod. 700	1 piece
131.0738	Low pressure float valve, Mod. 738	1 piece
131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.6064	¾" circuit pipe	1 piece
131.6067	Connection set for 1" water circuits	1 piece
131.0521	¾" frost protection guard	1 piece/box
131.6087	Plug holder De LUXE	1 piece
NEW! 131.6114	1" circuit pipe for trough 130.6242 see p. 44	1 piece

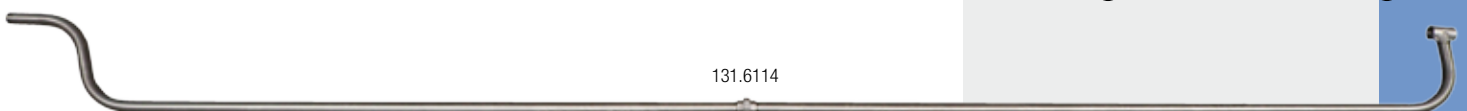
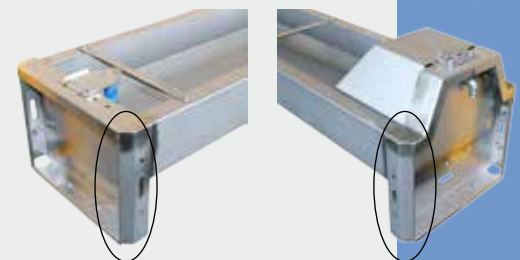
NEW!



130.6242



130.6242 view of middle console



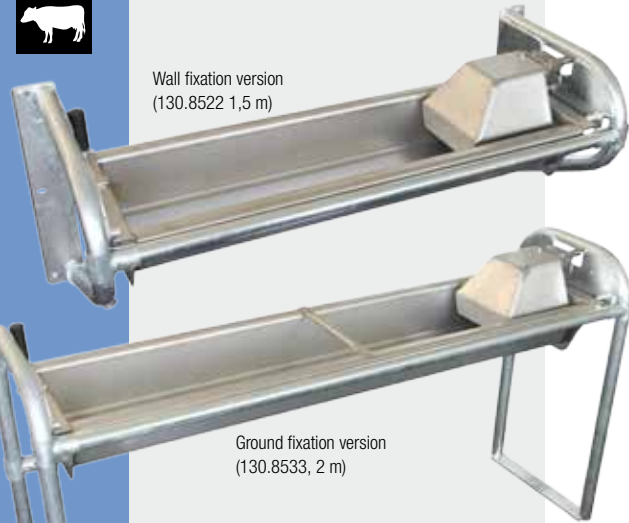
131.6114



TROUGHS AND DRINKERS FOR FREE STALLS



Wall fixation version
(130.8522 1,5 m)



Ground fixation version
(130.8533, 2 m)

Rounded float valve cover can be pivoted upwards without use of tools



SUEVIA Flat Tip-Over Trough with galvanized fixation

100 cm to 300 cm for wall and ground fixation



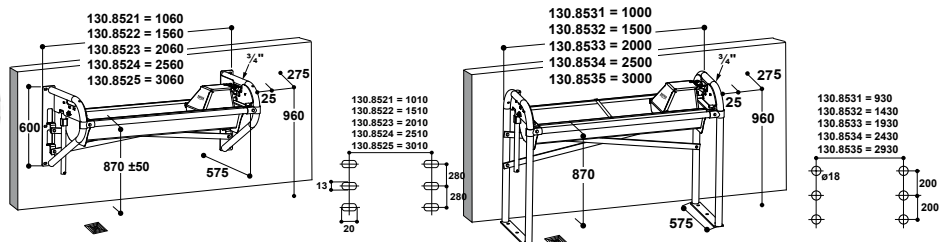
- Trough completely **made of stainless steel, with big rounded corners**: animal friendly construction without salient edges nor corners
- Built-in **rigid 3/4" male water connection**, no flexible connection line necessary
- Connection from right or left hand side possible by relocation of the valve
- Installed float valve MASTERFLOW, water flow up to 40 l/min (11 gallons/min), 3/4" frontal male connection
- **Rounded float valve cover can be pivoted upwards without use of tools!**
- **Water-saving flat drinking trough**, less slurry: water savings per flat tip-over trough up to 25.000 l (6.600 US gallons) per year (taken a cleaning interval of 2 days), compared with normal tip-over troughs with 200 l water contents
- Free and easy access to the water surface and optimal drinking height
- Galvanized wall and ground fixations

ACCESSORIES:

- **Bite protection shield**, for SUEVIA frost protection heating cables when mounted on SUEVIA flat tip-over troughs:
- If water line comes **from beneath** (Order Ref. 131.0581)
- If water line is connected **from the side** (Order Ref. 131.0582)

RECOMMENDED FOR:

Cattle, dairy cows



MAXIMUM OF COW COMFORT!

Rounded edges reduce risk of injuries to a minimum!
Easy cleaning:



131.0581
Bite protection shield,
connected from beneath



131.0582
Bite protection shield,
connected from the side

Order Ref.	Type	Packing Hints
130.8521	Flat tip-over trough 1,0 m, with galvanized wall fixation	1 piece
130.8522	Flat tip-over trough 1,5 m, with galvanized wall fixation	1 piece
130.8523	Flat tip-over trough 2,0 m, with galvanized wall fixation	1 piece
130.8524	Flat tip-over trough 2,5 m, with galvanized wall fixation	1 piece
130.8525	Flat tip-over trough 3,0 m, with galvanized wall fixation	1 piece
130.8531	Flat tip-over trough 1,0 m, with galvanized ground fixation	1 piece
130.8532	Flat tip-over trough 1,5 m, with galvanized ground fixation	1 piece
130.8533	Flat tip-over trough 2,0 m, with galvanized ground fixation	1 piece
130.8534	Flat tip-over trough 2,5 m, with galvanized ground fixation	1 piece
130.8535	Flat tip-over trough 3,0 m, with galvanized ground fixation	1 piece

Accessories:

131.6060	Heating element Mod. 6060, 24 V, 180 W	1 piece/box
131.6061	Heating element Mod. 6061, 24 V, 180 W	1 piece/box
131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
131.6089	Fixation for heating element, for 2,5 + 3 m Flat tip-over trough	1 piece
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.0581	Bite protection shield, connected from beneath	1 piece
131.0582	Bite protection shield, connected from the side	1 piece
131.0591	Circuit pipe 3/4", for Flat tip-over trough	1 piece
131.6122	Circuit pipe 1", for Flat tip-over trough 1,5 m	1 piece
131.6123	Circuit pipe 1", for Flat tip-over trough 2 m	1 piece
131.6124	Circuit pipe 1", for Flat tip-over trough 2,5 m	1 piece
131.6125	Circuit pipe 1", for Flat tip-over trough 3 m	1 piece
131.0592	Frost protection guard	1 piece



TROUGHS AND DRINKERS FOR FREE STALLS

Options for Frost Protection

Please note for Option A + B additionally: For power supply a SUEVIA Transformer (24 V) is necessary. For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed

The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer. If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).

Option A: Heating element 24 V, for installation under the trough

(Order Ref. see list)

- Easy fixation under the trough
- No sharp edges when cleaning the trough
- Provides frost protection of the trough down to approx. -20°C
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used.

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents	Heating Element (Order Ref.)	Voltage, Power
130.8521	130.8531	1,0 m	35 l	131.6060	24 V, 180 W
130.8522	130.8532	1,5 m	55 l	131.6061	24 V, 180 W
130.8523	130.8533	2,0 m	75 l	131.6062	24 V, 360 W
130.8524	130.8534	2,5 m	90 l	131.6062 + 131.6089	24 V, 360 W
130.8525	130.8535	3,0 m	105 l	131.6062 + 131.6089	24 V, 360 W



Option B: Heating element 24 V, for installation into the trough

Heating element 24 V, 180 W Model 6063 (Order Ref. 131.6063), with stainless steel cover and cable connection box inclusive. Ensures frost protection of trough down to -20°C. For installation only four boring holes have to be drilled into the trough's bottom according plan.



Increased frost protection of the valve

For extremely cold areas subsequent installation of a valve heating Model 527 (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection.



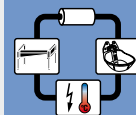
Option C: Connection to a water circuit

If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.

C1: ¾" circuit pipe in stainless steel (Order Ref. 131.0591) suited for installation into SUEVIA flat tip-over troughs with a MASTERFLOW float valve.

C2: Circuit pipe 1", stainless steel, runs through the whole trough. Ideal for connection to a water circuit in big stables.

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Circuit pipe 1" (Order Ref.)
130.8522	130.8532	1,5 m	131.6122
130.8523	130.8533	2,0 m	131.6123
130.8524	130.8534	2,5 m	131.6124
130.8525	130.8535	3,0 m	131.6125



Option D: Frost protection by running water

SUEVIA ¾" frost protection guard with connection parts (Order Ref. 131.0592).

For subsequent installation into SUEVIA tip-over troughs. **Frost protection without electricity!** At risk of frost the installed and adjusted frost protection guard opens automatically, the adjusted water quantity flows into the trough over the float valve, situated under the frost protection guard: water in the trough remains in motion and is prevented from freezing! Surplus water produced by the frost protection guard is channeled well directed through the drainage kit, which is mounted opposite to the float valve at the rear side of the trough.





SUEVIA Flat Tip-Over Trough, options for fixation

The standard version is delivered with fixation made of galvanized steel. Other versions in stainless steel are possible. Here a summary of all versions:

With wall fixation, galvanized

- **Standard version.** Will be delivered with a cross bar.

Order Ref.	Type	Packing Hints
130.8521	Flat tip-over trough 1,0 m, with galvanized wall fixation	1 piece
130.8522	Flat tip-over trough 1,5 m, with galvanized wall fixation	1 piece
130.8523	Flat tip-over trough 2,0 m, with galvanized wall fixation	1 piece
130.8524	Flat tip-over trough 2,5 m, with galvanized wall fixation	1 piece
130.8525	Flat tip-over trough 3,0 m, with galvanized wall fixation	1 piece

With ground fixation, galvanized

- **Standard version.** Will be delivered with a cross bar.
- Top edge of bowl ~87 cm

Order Ref.	Type	Packing Hints
130.8531	Flat tip-over trough 1,0 m, with galvanized ground fixation	1 St.
130.8532	Flat tip-over trough 1,5 m, with galvanized ground fixation	1 St.
130.8533	Flat tip-over trough 2,0 m, with galvanized ground fixation	1 St.
130.8534	Flat tip-over trough 2,5 m, with galvanized ground fixation	1 St.
130.8535	Flat tip-over trough 3,0 m, with galvanized ground fixation	1 St.

With wall fixation, stainless steel

- Due to the almost even bottom of the trough with the consoles, it is possible to drive under the trough with a manure robot.
- These consoles will be mounted to cubicals or on a wall. A cross bar is not necessary.
- Protection bar, pipe clamps, lever and screws are in galvanized steel.

Order Ref.	Type	Packing Hints
NEW! 130.8561	Flat tip-over trough 1,0 m, with stainless steel wall fixation	1 St.
NEW! 130.8562	Flat tip-over trough 1,5 m, with stainless steel wall fixation	1 St.
NEW! 130.8563	Flat tip-over trough 2,0 m, with stainless steel wall fixation	1 St.
NEW! 130.8564	Flat tip-over trough 2,5 m, with stainless steel wall fixation	1 St.
NEW! 130.8565	Flat tip-over trough 3,0 m, with stainless steel wall fixation	1 St.

With ground fixation, stainless steel

- Consoles made of stainless steel. Top edge of bowl ~87cm. (same height as standard in galvanized).
- Cross bar, protection bar, pipe clamps, lever and screws are in galvanized steel.

Order Ref.	Type	Packing Hints
NEW! 130.8571	Flat tip-over trough 1,0 m, with stainless steel ground fixation	1 St.
NEW! 130.8572	Flat tip-over trough 1,5 m, with stainless steel ground fixation	1 St.
NEW! 130.8573	Flat tip-over trough 2,0 m, with stainless steel ground fixation	1 St.
NEW! 130.8574	Flat tip-over trough 2,5 m, with stainless steel ground fixation	1 St.
NEW! 130.8575	Flat tip-over trough 3,0 m, with stainless steel ground fixation	1 St.

With ground fixation, stainless steel, short version

- Consoles made of stainless steel. Top edge of bowl ~64 cm.
- Cross bar, protection bar, pipe clamps, lever and screws are in galvanized steel.

Order Ref.	Type	Packing Hints
NEW! 130.8576	Flat tip-over trough 1,0 m, with stainless steel ground fixation, short version	1 St.
NEW! 130.8577	Flat tip-over trough 1,5 m, with stainless steel ground fixation, short version	1 St.
NEW! 130.8578	Flat tip-over trough 2,0 m, with stainless steel ground fixation, short version	1 St.
NEW! 130.8579	Flat tip-over trough 2,5 m, with stainless steel ground fixation, short version	1 St.
NEW! 130.8580	Flat tip-over trough 3,0 m, with stainless steel ground fixation, short version	1 St.



NEW!





TROUGHS AND DRINKERS FOR FREE STALLS

SUEVIA Rounded rim trough

150 cm, 200 cm, 300 cm for wall, ground and post fixation

- **Trough with stainless steel pipe rim**
- The stainless steel pipe encloses completely the trough
- The float valve cover is inclined towards all sides avoiding any risk of injury
- Anti-spillage rim – water wastage reduced to a minimum
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), ¾" male connection at the front side
- **Float valve cover can be pivoted upwards without use of tools**
- **Large hole** for quick drainage
- With holder for drainage tube (tube DN 125 to be provided on site)
- With hole at the side of the trough: If frost protection guard is installed (see beneath), excessive water produced by frost protection guard is channelled through hole
- Rounded rim trough will be delivered without Consoles, suitable Consoles (for wall, ground or post fixation) have to be chosen as accessory.

ACCESSORIES:

- Set Consoles for wall fixation (Order Ref. 130.7051, universal)
- Set Consoles for ground fixation (Order Ref. and variants see in table)
- Set Consoles for fixation between posts up to 3½" (Order Ref. 130.7052, universal)

Options for Frost Protection

Option A: Connection to a water circuit, three options:

A1: ¾" circuit pipe in stainless steel (Order Ref. 131.6064). If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.

A2: Connection set for 1" water circuits, the free space around the valve allows installation of a 1" circuit pipe in the trough with fittings. This is a possibility for areas with short and mild periods of frost.

A3: Circuit pipe 1", through the whole trough, can be delivered on demand

Option B: Frost protection by running water

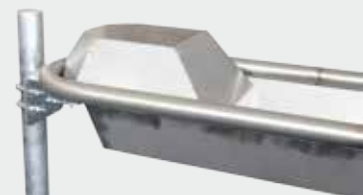
SUEVIA frost protection guard with connection parts (Order Ref. 131.0519). For subsequent installation into SUEVIA Rounded rim troughs. Consists of a thermostat valve and drainage kit (¾" flexible tube connection). **Frost protection without electricity!** At risk of frost the installed and adjusted frost protection guard opens automatically, the adjusted water quantity flows into the trough: water in the trough remains in motion and is prevented from freezing! Surplus water produced by the frost protection guard is channelled well directed through the drainage kit, which is mounted opposite to the float valve at the rear side of the trough.



Version: 2,0 m with Consoles for wall fixation (130.7020 + 130.7051)



Version: with consoles for ground fixation



Version: with consoles for fixation on posts

Order Ref.	Type	Packaging Hints	
130.7015	Rounded rim trough 1,5 m, without fixation	1 piece	
130.7020	Rounded rim trough 2,0 m, without fixation	1 piece	
130.7030	Rounded rim trough 3,0 m, without fixation	1 piece	
130.7051	Set Consoles for wall fixation (no steel bars necessary)	1 piece	
130.7054	Set Consoles for ground fixation 1,5 m (incl. steel bars)	1 piece	
130.7055	Set Consoles for ground fixation 2,0 m (incl. steel bars)	1 piece	
130.7056	Set Consoles for ground fixation 3,0 m (incl. steel bars)	1 piece	
130.7052	Set Consoles for fixation between posts up to 3½"	1 piece	
131.6064	Circuit pipe ¾"	1 piece	
131.0519	Frost protection guard	1 piece	



TROUGHS AND DRINKERS FOR FREE STALLS



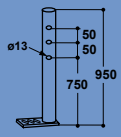
240-610 LITERS OF STORAGE



without legs:
wall fixation version

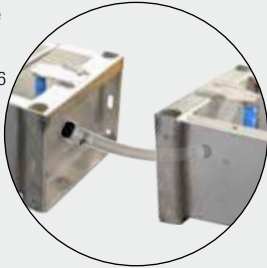


with legs:
ground fixation version,
mandatory for 130.6180



The height of trough adjustable by legs

Two troughs can be connected with a **Connection Set**
Order Ref. 131.0286



with drainage plug

Bite protection plate
131.6085 (for 130.6120 and 130.6130)
131.6106 (for 130.6180)

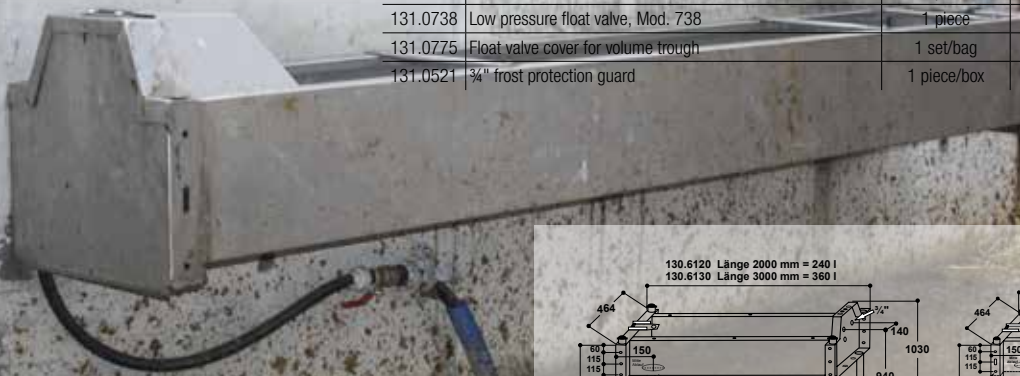


INSIDER TIP!

No tipping-over – direct drainage!

Water is directly channeled downwards through drainage tube! **No ice in front of the trough in winter season!**

Possible installation of 3,0 m trough with additionally installed float valve cover (Order Ref. 131.0775)



SUEVIA Volume Trough

for warmed-up water from milk cooling system

130.6120: 200 cm, 240 l, for wall and ground fixation

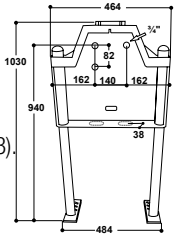
130.6130: 300 cm, 360 l, for wall and ground fixation

130.6180: 315 cm, 610 l, for wall and ground fixation

- **Voluminous trough in stainless steel** for wall fixation
- **Ideal to water the animals with warmed-up water from milk cooling system**
- Anti-spillage rim – water wastage reduced to a minimum
- Free water flow into trough by 3/4" without float valve: surplus water is drained through boring in drainage plug.
- 130.6120: 2,0 m, 240 l, -130.6130: 3,0 m, 360 l; - 130.6180: 3,15m, 610 l
- **Modular concept** offers the possibility to link two troughs with a **connection set** (Order Ref. 131.0286), which results in a **storage volume of up to max. 720 l**.
- **Big hole enables quick drainage:** drainage plug can be operated above water surface
- With holder for drainage tube (tube DN 125 to be provided on site)
- When using a storage tank and when controlled water flow into the trough is desired, a **low pressure float valve** (Order Ref. 131.0738) can be used.
- For direct connection to a water supply line you can install apart from the low pressure valve additionally a **MASTERFLOW Float Valve** (Order Ref. 131.0723).

ACCESSORIES:

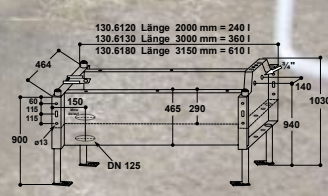
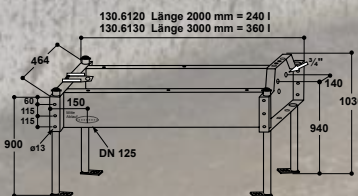
- **Set of legs** (4 pieces, Order Ref. 131.6030) available, enables to adjust trough height!
- **Connection Set** (Order Ref. 131.0286) consisting of a flexible hose, for connection of two troughs
- **Low pressure float valve** (Order Ref. 131.0738)
- **MASTERFLOW float valve** (Order Ref. 131.0723)
- **Float valve cover tilttable without tools** (Order Ref. 131.0775)
- **Bite protection plate** (Order Ref. 131.6085), to cover connections at the front side, prevents biting into frost protection heating cables, enables easy insulation or foaming of connection area.
- **3/4" frost protection guard** (Order Ref. 131.0521)



130.6180
+ 131.6030

RECOMMENDED FOR: Dairy cows

Order Ref.	Type	Packing Hints	
130.6120	Volume Trough for warmed-up water from milk cooling system, 2,0 m, without valve	1 piece	
130.6130	Volume Trough for warmed-up water from milk cooling system, 3,0 m, without valve	1 piece	
130.6180	Volume Trough for warmed-up water from milk cooling system 3,15 m, without valve (131.6030 is mandatory for wall and ground fixation)	1 piece	
131.6030	1 set of legs (= 4 pieces)	1 set	
131.0286	Connection set for two troughs	1 set/bag	
131.6085	Bite protection plate in stainless steel (for 130.6120 and 130.6130)	1 piece	
131.6106	Bite protection plate in stainless steel (for 130.6180)	1 piece	
131.0723	Float valve MASERFLOW, Mod. 723	1 piece	
131.0738	Low pressure float valve, Mod. 738	1 piece	
131.0775	Float valve cover for volume trough	1 set/bag	
131.0521	3/4" frost protection guard	1 piece/box	





TROUGHS AND DRINKERS FOR FREE STALLS

ISO-Drinker with float valve, two drinking places

Model 6620 (180 W, down to -20°C)

Order Ref. 130.6620

Model 6620-SIBIRIA (380 W, down to -30°C)

Order Ref. 130.6621

- ISO-Drinker with **two opposite drinking places**, ideal for all free stalls, special space-saving design. **No fights for an individual place** as alongside long troughs; permits that two animals drink simultaneously on their chosen place!
- Suited for **30 – 40 animals**
- **Double-walled and insulated mounting base** in premium quality **polyethylene**, with 6 fixation holes for ground fixation
- **Installed heating** 24 V, 180 W (2x heating element 24 V, 80 W + frost protection heating cable 24 V, 20 W = 180 W) provides frost protection for the trough and feed pipe down to approx. **-20 °C** (transformer necessary, see below)
- **SIBIRIA-Version** (Order Ref. 130.6621) with **more powerful heating** 24 V, 380 W (2x heating element 24 V, 180 W + frost protection heating cable 24 V, 20 W = 380 W) available for subsequent installation to ensure frost protection down to **-30°C!** (transformer necessary, see below and also p. 25)
- Calm and easy drinking of the animals due to **installed MAXIFLOW float valve**, which provides water flow up to **40 l/min. Constant water level.**
- Bowl and cover are **completely made of stainless steel**
- **Valve cover** can be pivoted upwards and **opened without use of tools!**
- **Large service aperture**, which can be opened without use of tools: ensures an easy connection of water and power supply lines
- 3/4" water connection from the bottom, incl. flexible armoured tube
- Water supply line, connection cable and heating element are mounted in the interior of the trough inaccessible for the animals – possibility of being bitten by animals or e.g. mice can be excluded!
- With large hole for quick drainage and easy cleaning, which can be effected near the drinker (like it is shown on the picture). Or as option **water can be channeled downwards** through drainage tube installed inside the drinker (drainage tube to be provided by the customer). No ice in front of the drinker in winter season!
- If the trough is used for dairy cows, we recommend to mount the trough on a concrete base of approx. 20 cm of height
- Ideal for animals with nose ring/anti-suction ring



double-walled + insulated



INSIDER TIP!

Valve cover opens without use of tools, just by pushing down one button!
No screws, nothing to lose!



Valve cover can be opened without use of tools



Valve heating
131.0527



Anti-spillage rim
(Order Ref. 101.1193)
reduces water losses to minimum

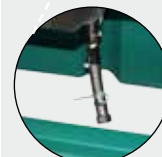
ACCESSORIES

- **Anti-spillage rim** (Order Ref. 101.1193) reduces water losses to a minimum
- **For extremely cold areas subsequent installation of a valve heating Mod. 527** (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection.

RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep

Order Ref.	Type	Packing Hints
130.6620	ISO-Drinker Mod. 6620, float valve, 24 V, 180 W	1 piece
130.6621	ISO-Drinker Mod. 6620-SIBIRIA, float valve, 24 V, 380 W	1 piece
131.1193	Anti-spillage rim (1 pair)	1 pair
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box



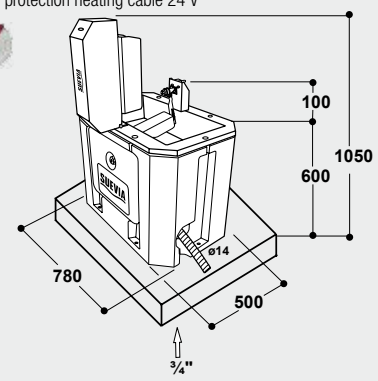
Drainage plug in the bowl's bottom



Drainage hole

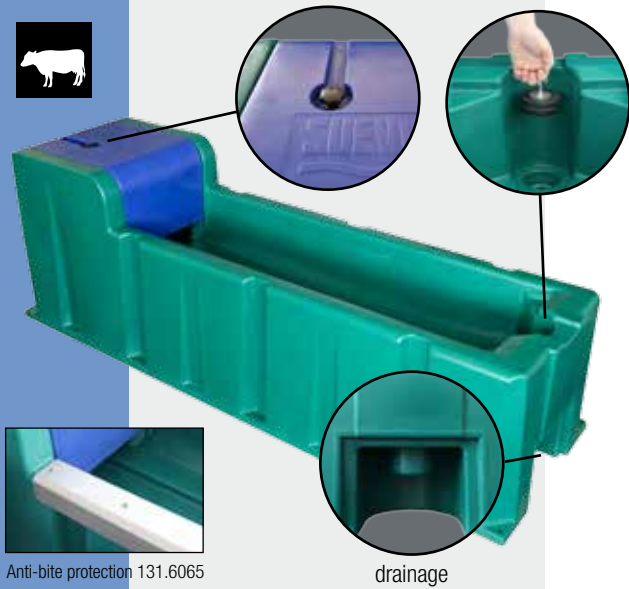
Incl. armoured tube and frost protection heating cable 24 V

We recommend to mount the trough on a concrete base of approx. 20 cm of height





TROUGHS AND DRINKERS FOR FREE STALLS



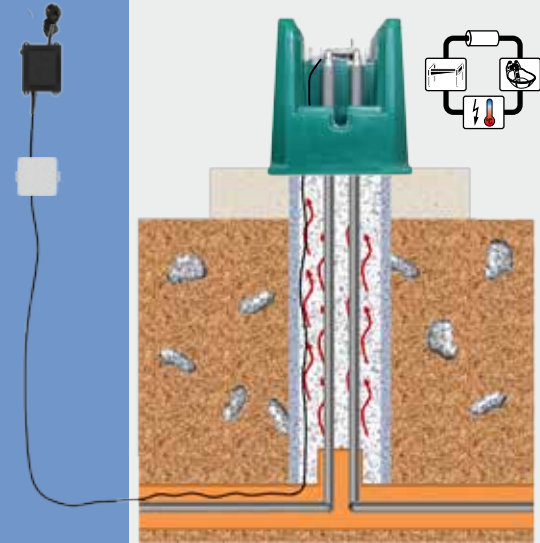
Anti-bite protection 131.6065



drainage



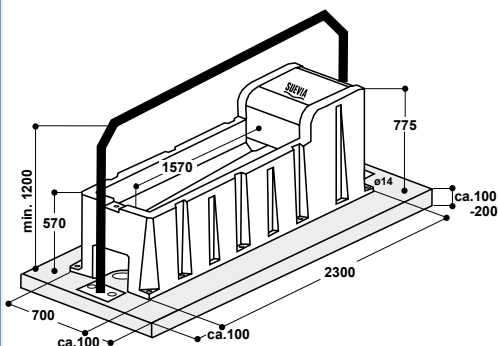
Two troughs installed head-to-head!



Installation scheme for 1" water circuit.
Please ask your dealer for details.



103.1985
Connection set
for 1" water circuits



SUEVIA Thermo Trough Drinker 2,3 m Model 6523

Order Ref. 130.6523

- Fully insulated double-walled trough drinker made of UV-resistant polyethylene, for ground fixation
- Length 2,3 m, contents approx. 160 l
- Excellent insulation gives frost protection in winter, fresh water in summer and best-in-class stability
- The trough itself is conical and inclined, with a **large drainage hole**, ensuring quick discharge
- Equipped as standard with SUEVIA MAXIFLOW float valve, providing a generous water flow of up to **40 l/min**
- **Allows installation of max. three high or low pressure float valves** enabling e.g. the use of warmed-up water from the milk cooling system (in case of 131.0738)
- For adjustment or cleaning purposes of the float valves the insulated cover can easily be removed without tools
- With holder for a drainage tube (tube DN 125 has to be provided by customer)
- To prevent that the animals are jumping into the trough, an anti-jump protection bar (provided on site) must be installed above the trough!
- Thermo Trough Drinker Model 6523 is **frost-protected down to -10°C due to insulation and without additional heating!** With heating element **frost-free down to -30°C in the valve area!**



double-walled + insulated

ACCESSORIES FOR ENHANCED FROST PROTECTION: Heating element for direct installation into the trough

- **Heating element Model 6069** (Order Ref. 131.6069) 24 V, 180 W.
For power supply a SUEVIA **Transformer 230/24 V** is necessary (for correct choice of transformer see p. 25). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see p. 25). To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer. If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).
- If additionally connected to a **SUEVIA heating unit** an optimum of frost protection of the water line is reached! (Heating units see pages 28 – 31)



ACCESSORIES:

- **Heating element Model 6069**, 24 V, 180 W (Order Ref. 131.6069)
- **Anti-bite protection, 1 pair** (Order Ref. 131.6065), **indispensable for biting animals (cows, young animals with growing teeth)**
- **Connection set for 1" water circuits** (Order Ref. 103.1985)
- **Low pressure float valve Model 738** (Order Ref. 131.0738)
- **MAXIFLOW float valve Model 700** (Order Ref. 131.0700)

RECOMMENDED FOR:

Cattle, dairy cows.

Order Ref.	Type	Packing Hints
130.6523	Thermo Trough Drinker Mod. 6523, 2,3 m	6 pieces/pallet
131.0738	Low pressure float valve MAXIFLOW, Mod. 738	1 piece
131.0700	MAXIFLOW float valve, Mod. 700	1 piece
131.6069	Heating element Mod. 6069, 24 V, 180 W	1 piece
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.6065	Anti-bite protection, 1 pair, for Mod. 6523	1 set
103.1985	Connection set for 1" water circuits	1 piece/bag
101.0311	Heating unit Mod. 311, 400 V, 3000 W, pump 400 W	1 piece/box
101.0312	Heating unit Mod. 312, 400 V, 6000 W, pump 400 W	1 piece/box



Valve installation possibilities for Model 6523



Option A:
1x MAXIFLOW float valve
(up to 40 l/min!)
Scope of delivery for Mod. 6523



Option B:
2x MAXIFLOW float valve
(up to 80 l/min!)



Option C:
3x MAXIFLOW float valve
(up to 120 l/min!)



Option D:
1x MAXIFLOW float valve
(up to 40 l/min!)
1x low pressure float valve



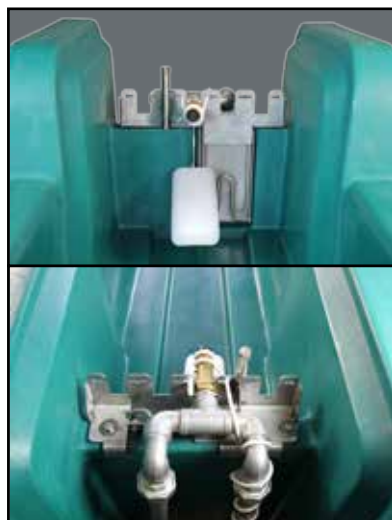
Option E:
1x MAXIFLOW float valve
(up to 40 l/min!)
2x low pressure float valve



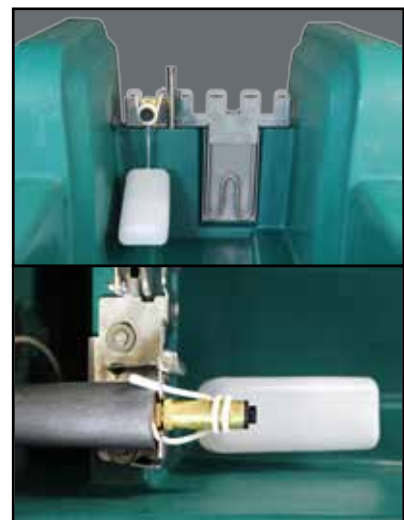
Option F:
2x MAXIFLOW float valve
(up to 80 l/min!)
1x low pressure float valve



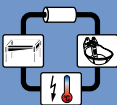
Option G:
1x MAXIFLOW float valve
(connected to a water circuit)
1x heating element 24 V, 180 W



Option H:
1x MAXIFLOW float valve
(connected to a water circuit,
shown with a frost protection
heating cable 24 V, 20 W, 2 m),
1x heating element 24 V, 180 W



Option I:
1x MAXIFLOW float valve
(connected to a feed pipe,
shown with a frost protection
heating cable 24 V, 20 W, 2 m),
1x heating element 24 V, 180 W



An anti-jump protection bar must be mounted above the trough





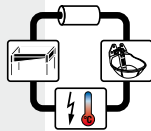
TROUGHS AND DRINKERS FOR FREE STALLS



double-walled + insulated

130.6543

MASTER-Trough is also available separately:
130.6542 Mod. 6542 2,3 m



Float valve cover can be opened without use of tools



Large service aperture for water and power supply connection



In scope of delivery: MAXIFLOW float valve



Float valve area shown with an additionally installed a second float valve, a heating element and a connection set for water circuits



Anti bite protection 131.6083 or 131.6084

SUEVIA Thermo Trough Drinker 4,3 m Model 6543

Order Ref. 130.6543

- **Double-walled fully insulated trough drinker made of UV-resistant polyethylene, for ground fixation**
- Length 4,3 m, contents approx. 320 l
- Two-parts drinker existing of a „Master-Trough“ with float valve cover and an „Extension-Trough“, which are connected on the spot with each other via a connection set in the float valve area.
- Thanks to a compact modular execution, ideal dimensions for transportation
- **Equipped as standard with SUEVIA MAXIFLOW float valve**, providing a generous water flow of up to 40 l/min. If a higher water flow is desired, a second float valve can be installed additionally.
- Excellent insulation gives frost protection in winter, fresh water in summer and best-in-class stability
- Without any additional heating element, the float valve in the completely insulated cage assures a water flow down to -10° C. With an additional heating element installed, this area stays frost-free even down to -30° C.
- Both trough parts have an inclined and conical bottom and can be quickly drained for cleaning purposes through large drainage holes
- For water level adjustment or for cleaning purposes the insulated float valve cover can easily be removed without tools
- A lateral large service aperture, which can also be opened without tools, enables an easy connection of water and power supply
- In order to avoid that calving cows jump into the trough, an anti-jump protection bar has to be mounted (provided on site)

ACCESSORIES:

- **Heating Element Model 6069**, 24 V, 180 W (Order Ref. 131.6069) **providing enhanced frost protection in the float valve area**. For power supply a transformer 230/24 V is necessary. In order to assure an automatic switch on or off of the transformer in case of falling outside temperatures a thermostat (Order Ref. 101.0389) can be additionally installed. To ensure a frost-free feed pipe, a frost protection heating cable 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used.
- If additionally connected to **heating unit** an optimum of frost protection of the water line is reached! (see pages 28 – 31)
- **Connection set 1" for water circuits** (Order Ref. 103.1988)
- **MAXIFLOW float valve** Model 700 (Order Ref. 131.0700 + 132.6068)
- **Bite Protection Plates**, (Order Ref. 131.6083 or 131.6084), **indispensable for biting animals (cows, young animals with growing teeth)**



131.6069

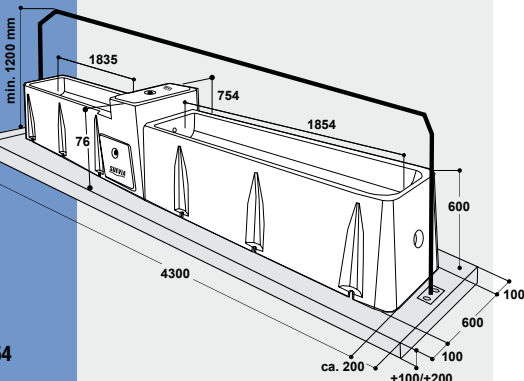


103.1988

RECOMMENDED FOR:

Cattle, dairy cows,
for young animals with still growing teeth with protection plate against biting

Order Ref.	Type	Packing Hints
130.6542	Thermo Trough Drinker Mod. 6542, 2,3 m (Master)	6 pieces/pallet
130.6543	Thermo Trough Drinker Mod. 6543, 4,3 m	3 pieces/pallet
131.6083	Anti-bite protection, 1 set of 2 pieces, for Mod. 6542	1 set
131.6084	Anti-bite protection, 1 set of 4 pieces, for Mod. 6543	1 set
131.0700	MAXIFLOW float valve, Mod. 700	1 piece
131.0738	Low pressure float valve MAXIFLOW, Mod. 738	1 piece
132.6068	Splash protection for valve additional valve	1 St.
131.6069	Heating element Mod. 6069, 24 V, 180 W	1 piece
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1988	Connection set 1" for water circuits	1 piece/bag





TROUGHS AND DRINKERS FOR FREE STALLS



Fast drainage



Large drainage holes



Drainage plug closes the valve area for cleaning purposes. Second part of drinker is still filled with water.



Water flow up to 80 l/min (with 2 valves)



320 liter capacity



Always fresh water. Sufficient for 50 up to max. 90 dairy cows



Length: 4,3 m

An anti-jump protection bar must be mounted above the trough



TROUGHS AND DRINKERS FOR FREE STALLS



130.5900
for wall fixation

SUEVIA Trough Drinker Model 5900

Wall fixation

Order Ref. 130.5900

Ground fixation

Order Ref. 130.5910

- Large trough with inclined bottom, made of **UV-resistant polyethylene**, frame and consoles made of stainless steel
- With drainage hole
- Equipped as standard with MAXIFLOW float valve for water flow up to 40 l/min (11 gallons/min), 3/4" male frontal connection
- Dimensions (length x width) 200 cm x 45 cm. Height 44 cm (Ref. 130.5900), or 86 cm (Ref. 130.5910)
- Contents approx. 130 l (34 gallons)

ACCESSORIES:

- **Protection bracket** (Order Ref. 131.5907), to protect the trough drinker against impacts of the animals, fixation on the wall by strong screws
- Additional installation of **low pressure float valve** (Ord. Ref. 131.0738) possible: to use, for example, warmed-up water from the milk cooling system, or one additional **MAXIFLOW float valve** (Order Ref. 131.0700) instead.
- **Heating element 24 V, 180 W** (Order Ref. 131.6063), for installation into the trough, serves as frost protection (transformer necessary, see p. 25)

RECOMMENDED FOR:

Cattle, dairy cows, calves, horses, sheep, goats

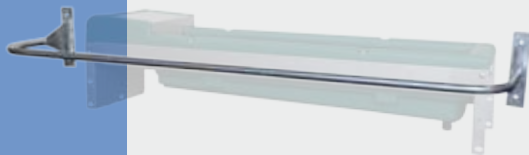
FAVORABLE IN PRICE!



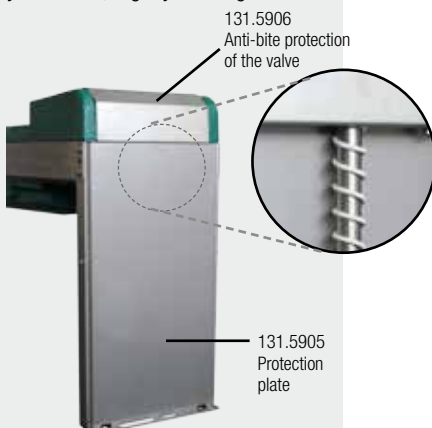
130.5910
for ground fixation



131.5907



- Protection plates for protection against biting of the frost protection heating cable and insulation
- Easy insulation, e.g. by foaming



131.5906
Anti-bite protection
of the valve

131.5905
Protection
plate



Option A
1 x MAXIFLOW
(up to 40 l/min)

Option B
2 x MAXIFLOW
(up to 80 l/min)

Option C
1 x MAXIFLOW
(up to 40 l/min)
1 x low pressure valve

Frost Protection Options:



Shows part of trough with **heating element (Ref. 131.6063)** installed inside of the trough



Frost protection heating cable wrapped around the valve



Heated option, feed pipe with frost protection heating cable wrapped around the valve



Heated option, connection to water circuit with frost protection heating cable wrapped around the valve

Order Ref.	Type	Packing Hints	
130.5900	Trough drinker Mod. 5900, for wall fixation	1 piece	
130.5910	Trough drinker Mod. 5900, for ground fixation	1 piece	
131.0700	MAXIFLOW float valve, Mod. 700	1 piece	
131.0738	Low pressure float valve, Mod. 738	1 piece	
131.5904	Connection set, for 1" water circuits	1 piece/bag	
131.5905	Protection plate with screws	1 piece	
131.5906	Anti-bite protection of the valve	1 piece	
131.5907	Protection bracket, galvanized	1 piece	
131.6063	Heating element Mod. 6064, 24 V, 180 W	1 piece/bag	
101.0390	Transformer 230/24 V, 200 W	1 piece/box	
101.0392	Transformer 230/24 V, 400 W	1 piece/box	
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	
101.0389	Thermostat	1 piece/box	



PASTURE TROUGHS

Water Tank Drinker Model 98

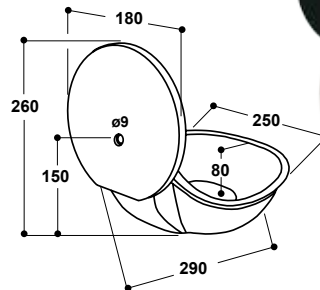
- Large aluminium bowl (ø 230 mm) for direct attachment to water tanks, with flange
- Robust operating tongue in enamelled cast iron
- Robust **low pressure** brass valve
- **High water flow** enables quick drinking even at low water pressure
- Flange sealing included

RECOMMENDED FOR:

Cattle, horses

Order Ref.	Type	Packing Hints
100.0098	Water tank drinker Mod. 98	1 piece/bag

Order Ref. 100.0098



Flange sealing included



Water Tank Drinker Model 180P

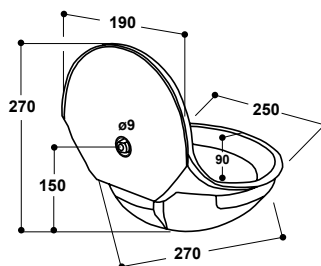
- Large bowl made of **high-density UV-resistant AQUATHAN plastic** for direct attachment to water tanks, with flange
- Free running valve tongue
- Robust **low pressure** brass valve
- **High water flow** enables quick drinking even at low water pressure
- Flange sealing included

RECOMMENDED FOR:

Cattle, horses

Order Ref.	Type	Packing Hints
100.0180	Water tank drinker Mod. 180P	1 piece/bag

Order Ref. 100.0180



Flange sealing included



Drinking Bowl with Low Pressure Float Valve Model 130P-N

- Large bowl made of **high-quality plastic**
- With installed **low pressure float valve**
- For low water pressure **up to max. 1 bar**
- Removable cover in stainless steel
- No sharp edges, no risk of injury!
- With **plug** for quick drainage
- Constant water level – simple adjustment
- ½" brass male connection, from right or left hand side

ACCESSORIES:

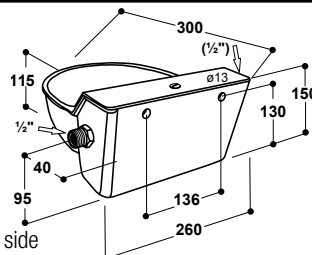
- **Elbow union ½" x ½" f/f** (Order Ref. 102.0352) for connection of water line from top or bottom

RECOMMENDED FOR:

Calves, sheep, horses

Order Ref.	Type	Packing Hints
100.0131	Drinking bowl Mod. 130 P-N, low pressure	1 piece
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag

Order Ref. 100.0131



102.0352



with drainage plug

Water Tank 500 l (see p. 63)
with drinking bowl Mod. 130P-N





PASTURE TROUGHS



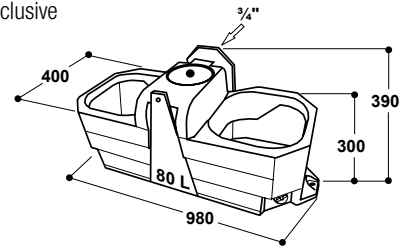
Double Water Tank Drinker Model FT80

Order Ref. 160.0280

- For direct water tank trailer installation with fixation flange
- With two drinking places, contents 80 l
- Made of **UV-resistant** first-class **polyethylene**
- **Installed high-performance low pressure float valve** permits quick water flow
- Galvanized fixing unit for flange connection inclusive
- Valve can be disconnected for better transportation

RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep, goats



Order Ref.	Type	Packing Hints
160.0280	Double water tank drinker Mod. FT80	1 piece



Drinking Bowl Model 8

Ideal for Water Tanks

Order Ref. 100.0008

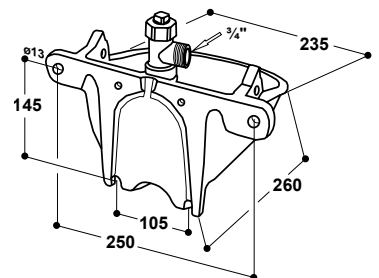
- Large drinking bowl made of **cast iron, with white enamelled interior**
- High water flow: up to 6 l/min at low pressure
- Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue
- **3/4" male connection from all sides (360°)**
- Thanks to the robust construction and solid valve as well as to the **quick water flow even at low water pressure** drinking bowl Model 8 can very well be used for installation on water tanks

ACCESSORIES:

- **Elbow union** (Order Ref. 102.0039), galvanized, for connection of water line from top or bottom (3/4" female coupling, 1/2" male exit)

RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses



102.0039

Order Ref.	Type	Packing Hints
100.0008	Drinking bowl Mod. 8	1 piece
102.0039	Elbow union with sealing, 3/4" female x 1/2" male	1 piece/bag





Trough for Free Stalls and Pasture Model WT30 Model WT30-N (low pressure up to 1 bar)

Order Ref. 160.0030

Order Ref. 160.0031

- **Trough with float valve** made of premium **UV-resistant polyethylene** for wall fixation, contents 30 l (8 gallons)
- Integrated MAXIFLOW float valve providing a water flow of up to 40 l/min (11 gallons/min)
- 3/4" female connection from the right. Connection from the left can be drilled on site.
- Easy access to float valve by service aperture
- With big hole for quick drainage
- **Also with low pressure float valve** available: then suited for water pressure **max. 1 bar** (Order Ref. 160.0031)

Frost protection by means of connection to a water circuit

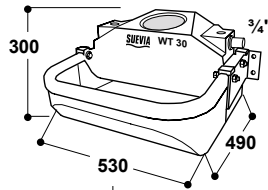
Frost protection for WT 30 is reached by integrating the circuit pipe (Order Ref. 131.1302) to a water circuit and in combination with a SUEVIA heating unit (see pages 30 – 33).

ACCESSORIES:

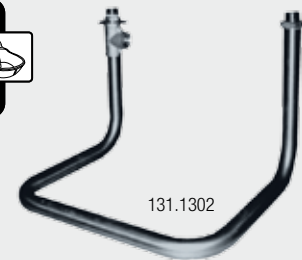
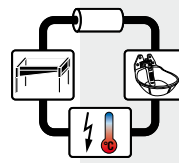
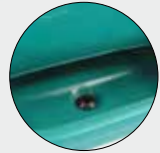
- **Protection bracket** (Order Ref. 131.1301), galvanized
- **Circuit pipe** 3/4", for WT30 (Order Ref. 131.1302), made of stainless steel

RECOMMENDED FOR:

Cattle, dairy cows, calves, horses, sheep, goats



drainage plug for evacuation and cleaning of the trough



Order Ref.	Type	Packing Hints
160.0030	Trough for free stalls and pasture Mod. WT30	1 piece
160.0031	Trough for free stalls and pasture Mod. WT30-N	1 piece
131.1301	Protection bracket, galvanized, with fixing parts	1 piece
131.1302	Circuit pipe 3/4", for WT30	1 piece

Drinker for Free Stalls and Pasture Model WT80 Model WT80-N (low pressure up to 1 bar)

Order Ref. 160.0102

Order Ref. 160.0106

- **Drinker with float valve** made of top quality **UV-resistant polyethylene**
- With two drinking places, volume 80 l (21 gallons)
- Four holes foreseen for fixation on the ground or a socle
- **Installed** high-performance **float valve**, 1/2" female connection possible at the rear side of the trough from top or bottom
- High water flow up to 25 l/min (7 gallons/min)
- Easy access to float valve thanks to big service aperture
- No water spillage thanks to internally rolled rim
- Big hole for easy and quick drainage
- **Also with low pressure float valve** (3/4" male connection) available: then suited for water pressure **max. 1 bar** (Order Ref. 160.0106)

ACCESSORIES:

- **Fixing brackets** for WT80 (Order Ref. 131.1340), galvanized, 2 pieces, incl. screws

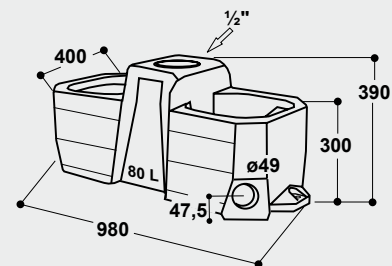
RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep, goats

Order Ref.	Type	Packing Hints
160.0102	Drinker for free stalls and pasture Mod. WT80	1 piece
160.0106	Drinker for free stalls and pasture Mod. WT80-N	1 piece
131.1340	Fixing brackets for WT80, galvanized, 2 pieces, incl. screws	1 set/bag



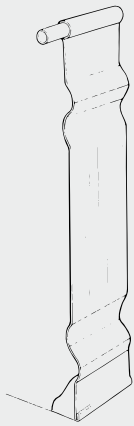
131.1340





PASTURE TROUGHS

Pasture Troughs oval, galvanized from 480 to 850 liter



- Big volume pasture troughs for water supply of groups of animals on pasture
- Made of thick galvanized steel, **with ribs and corrugations for maximum strength**
- Internally rolled rim, no water spillage
- Pipe rolled into the top lip for added strength and durability
- Large drain hole ensures quick and easy drainage, as well as cleaning
- Oval form enables more animals to drink simultaneously and even being loaded on transporters
- For automatic filling: subsequent installation of High-Performance Float Valve possible (see next page)
- A reinforcement bar is additionally delivered for each trough

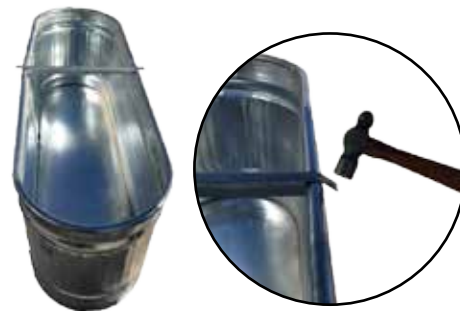
Available sizes:

Order Ref.	Contents [l]	Dimensions approx. (l x w x h)	Weight	Dealer information
130.2050	480 l	168 x 53 x 60 cm	22,7 kg	sales set 1
130.2053	550 l	175 x 59 x 60 cm	25,4 kg	
130.2056	640 l	181 x 65 x 60 cm	27,2 kg	
130.2059	750 l	173 x 84 x 60 cm	30,8 kg	sales set 2
130.2062	850 l	181 x 89 x 60 cm	32,6 kg	

RECOMMENDED FOR:

Cattle, Cows, Horses

Order Ref.	Type	Packing Hints
130.2050	Pasture trough oval, galvanized, 480 l	1 piece
130.2053	Pasture trough oval, galvanized, 550 l	1 piece
130.2056	Pasture trough oval, galvanized, 640 l	1 piece
130.2059	Pasture trough oval, galvanized, 750 l	1 piece
130.2062	Pasture trough oval, galvanized, 850 l	1 piece

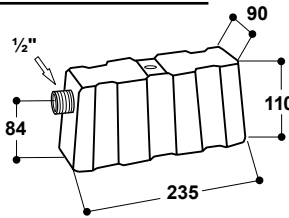




Float Valve Model 509

- For installation into troughs and tanks
- Float Valve with **plastic cage**
- Water flow up to 8 l/minute (2 gallons/min)
- ½" male connection
- If desired, fixing bracket (Order Ref. 131.0506) available on demand for fixation of float valve on the edge of the trough
- Not suited for low water pressure

Order Ref. 131.0509



ACCESSORIES:

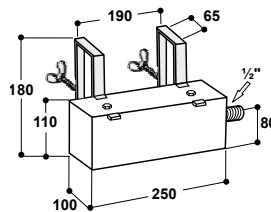
- Fixing bracket (Order Ref. 131.0506)

Order Ref.	Type	Packing Hints
131.0509	Float valve Mod. 509 , with plastic housing	1 piece
131.0506	Fixing bracket	1 piece

High-Performance Float Valve Model 513

- For installation into troughs and tanks
- **Stainless steel cover**
- ½" male connection from right hand or left hand side
- With 2 galvanized fixing brackets for fixation on the edge of the trough
- Water flow up to 25 l/min (7 gallons/min)

Order Ref. 131.0513



Order Ref.	Type	Packing Hints
131.0513	High-performance float valve, Mod. 513	1 piece/box

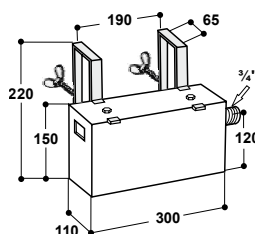
High-Performance MAXIFLOW Float Valve

for high water pressure (1-5 bar): Model 874
for low water pressure (max. 1 bar): Model 475

- For installation into troughs and tanks
- **Stainless steel cover**
- ¾" male connection from right hand or left hand side
- With 2 galvanized fixing brackets for fixation on the edge of the trough
- Mod. 874: water flow up to **40 l/min (11 gallons/min)**
- Mod. 475 low pressure float valve: water pressure up to **max. 1 bar**

Order Ref. 131.0874

Order Ref. 131.0475



Order Ref.	Type	Packing Hints
131.0874	High-performance MAXIFLOW float valve, Mod. 874	1 piece/box
131.0475	Low pressure float valve Mod. 475	1 piece/box



PASTURE TROUGHS



WT200



WT400, WT600, WT1000



WT1500



Pasture Troughs 200 – 1500 liter

- Big volume pasture troughs for water supply of groups of animals on pasture
- Made of **high-quality UV-resistant polyethylene**
- Internally rolled rim, no water spillage
- Large drain hole ensures quick and easy drainage, as well as cleaning
- WT 200 and WT 400: with lateral fixing loops for better mounting on pasture
- WT 400 – WT 1500: Oval form enables more animals to drink simultaneously and even being loaded on transporters
- For automatic filling: subsequent installation of **membrane float valve** (Order Ref. 131.0671) or **low pressure float valve** (order Ref. 131.0675)! In case of WT1500 also **MAXIFLOW float valve** (Order Ref. 131.0700) or **low pressure float valve Model 738** (Order Ref. 131.0738) possible.
- For detailed information about float valves see p. 66

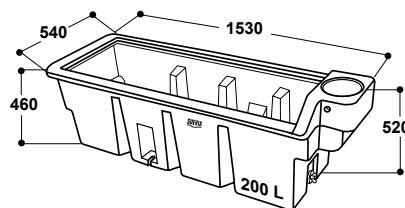
Available sizes:

Model	Order Ref.	Contents [l]	Dimensions approx. (l x w x h)	Accessories: Float Valves
WT 200	160.0103	200	153 x 54 x 46 cm	131.0671, 131.0674, 131.0675
WT 400	160.0104	400	125 x 82 x 63 cm	131.0671, 131.0674, 131.0675
WT 600	160.0100	600	140 x 100 x 63 cm	131.0671, 131.0674, 131.0675
WT 1000	160.0101	1000	180 x 120 x 63 cm	131.0671, 131.0674, 131.0675
WT 1500	160.0105	1500	220 x 160 x 65 cm	131.0671, 131.0674, 131.0675, 131.0700, 131.0738

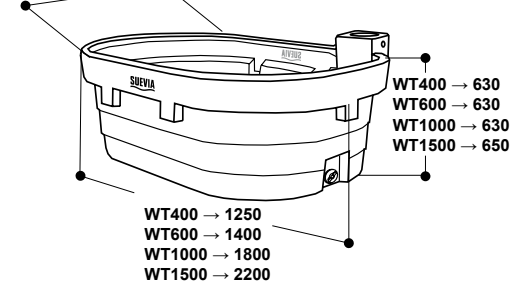
RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep, goats (WT200)

Order Ref.	Type	Packing Hints
160.0103	Pasture trough WT200	1 piece
160.0104	Pasture trough WT400	1 piece
160.0100	Pasture trough WT600	1 piece
160.0101	Pasture trough WT1000	1 piece
160.0105	Pasture trough WT1500	1 piece
131.0671	Membrane float valve Mod. 671	1 piece
131.0674	Float valve Mod. 674	1 piece
131.0675	Low pressure float valve Mod. 675	1 piece
131.0700	MAXIFLOW float valve Mod. 700	1 piece
131.0738	Low pressure float valve Mod. 738	1 piece



WT400 → 820
WT600 → 1000
WT1000 → 1200
WT1500 → 1600



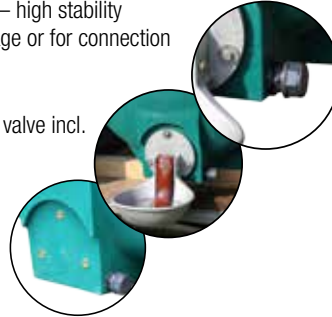


Water Tank 500 l Water Tank 1300 l

Order Ref. 160.0305

Order Ref. 160.0310

- Made of premium quality **UV-resistant polyethylene** – high stability
- With additional hole 1" male thread for complete drainage or for connection of a drinking bowl
- Charging hole \varnothing 300 mm with tiltable cover
- Cover with quick opening device, air valve and air relief valve incl.
- With guidance for tension belt for safer transportation
- At bottom side with four screw nuts M8-female thread enabling, for example, easy fixation on wooden bars
- Adapter flange with four integrated screw nuts M8-female thread
- For easy installation of SUEVIA Water Tank Drinking Bowls (see accessories)
- Contents 500 l: dimensions (h x w x d) 91 x 80 x 120 cm
- Contents 1300 l: dimensions (h x w x d) 131 x 120 x 130 cm



ACCESSORIES:

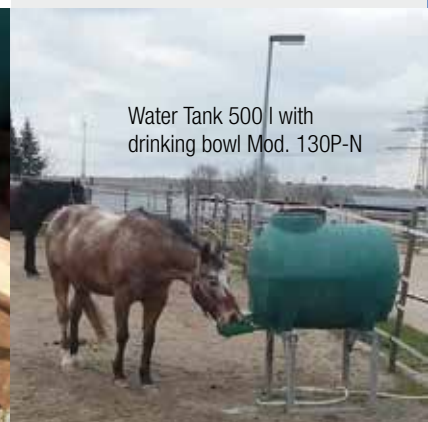
- **Drinking Bowl for water tank Mod. 130P-N** (Order Ref. 100.0131)
- **Drinking Bowl for water tank Mod. 98** (Order Ref. 100.0098)
- **Drinking Bowl for water tank Mod. 180P** (Order Ref. 100.0180)
- **Double Drinking Bowl for water tank FT80** (Order Ref. 160.0280)
- **Float Valve MAXIFLOW** (Order Ref. 131.0700) for automatic filling of the water tank

Order Ref.	Type	Packing Hints
160.0305	Water Tank 500 l	1 piece
160.0310	Water Tank 1300 l	1 piece



Water Tank 500 l with drinking bowl Mod. 98

Drinking bowl Mod. 130P-N connected to a Water Tank 500 l



Water Tank 500 l with drinking bowl Mod. 130P-N

Connection Kit for IBC Container

Order Ref. 103.2020

Kit for easy connection of SUEVIA drinking bowl to an IBC container consisting of: reduction piece S 60 x 6 reduced to 3/4" female thread, 70 cm 3/4" male/female armoured hose, reduction piece straight 3/4" male to 1/2" female.

We recommend to use the following SUEVIA Drinking Bowls for this purpose:

Cattle and horses	Water flow in case of low pressure l/min
Model 10 P (Order Ref. 100.0010)	approx. 2,6 l/min, regulation nozzle removed
Model 20 (Order Ref. 100.0020)	approx. 2,6 l/min, regulation nozzle removed
Model 8 (Order Ref. 100.0008)	approx. 5,4 l/min, regulation 100 % open

Calves, sheep and goats	Water flow in case of low pressure l/min
Model 130P-N (Order Ref. 100.0131)	approx. 1,7 l/min

Order Ref.	Type	Packing Hints
103.2020	Connection kit for IBC container	1 piece/bag





PASTURE PUMPS



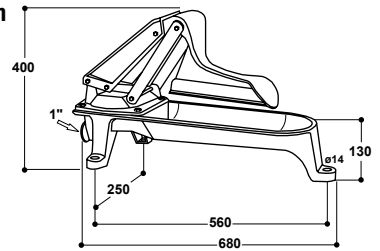
Diaphragm pasture pump with bowl in cast iron Model 541

Order Ref. 100.0541

- **Smoothly running pasture pump**, operation can quickly be learned by the animals
- The animals pump their own water from an existing well or surface water and are this way always provided with fresh water
- Bowl and operating lever made of **first-class cast iron**
- High-quality diaphragm for **suction down to 7 m**
- Stainless steel axles
- Special plastic bearings
- Sufficient for 15 – 20 animals

RECOMMENDED FOR:

Cattle, horses



Diaphragm pasture pumps with bowl in polyethylene

Model 545-STANDARD

Order Ref. 100.0545

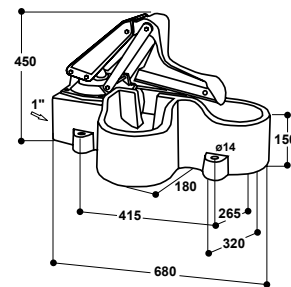
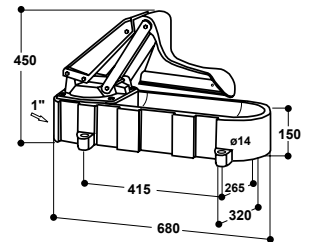
Model 546-JUNIOR

Order Ref. 100.0546

- **Smoothly running diaphragm pasture pump**, operation can quickly be learned by the animals
- The animals pump their own water from an existing well or surface water and are this way always provided with fresh water
- **Model 546-JUNIOR** with additional lateral drinking bowl for young stock, which are not able yet to activate the pasture pump. Young animals are provided with fresh water, which runs automatically from the main bowl into the lateral bowl, produced by the pumping action of the mother.
- Operating lever made of first-class cast iron, plastic-coated
- Bowl made of **solid UV-resistant polyethylene**
- High-performance diaphragm for **suction down to 7 m**
- Sufficient for 15 – 20 animals

RECOMMENDED FOR:

Cattle, calves, horses



100.0545 STANDARD



100.0546 JUNIOR

bowl for young animals

INSIDER TIP!

Thanks to the installation of SUEVIA pasture pumps you save time and money, because water transportation from place to place is not needed!



Order Ref.	Type	Packing Hints
100.0541	Diaphragm pasture pump Mod. 541	1 piece/box
100.0545	Diaphragm pasture pump Mod. 545 STANDARD	1 piece/box
100.0546	Diaphragm pasture pump Mod. 546 JUNIOR	1 piece/box
101.0542	Suction filter with non-return valve	1 piece
101.0543	Suction tube (ID=30mm), per m	cut/meter
101.0557	Suction tube set brass, 8 m	1 piece
101.0558	Suction tube set plastic, 7 m	1 piece





Frost-free diaphragm pasture pumps

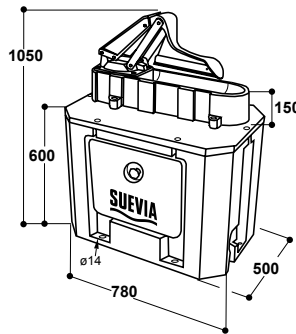
Model 552-WINTERPROOF

Model 553-WINTERPROOF-JUNIOR

Order Ref. 100.0552

Order Ref. 100.0553

- Diaphragm pasture pump **with double-walled and very well insulated mounting socle** ensuring a **frost-free water supply** on pasture
- For **heating of the bowl**, a **paraffin heating element**, available on demand (Order Ref. 101.0550) can be installed inside
- Large service aperture, which can be opened without use of tools, ensures an easy access to the paraffin heating element
- **Model 553-WINTERPROOF-JUNIOR** with additional lateral drinking bowl for young stock and mounting socle. Young animals are provided with fresh water, which runs automatically from the main bowl into the lateral bowl, produced by the pumping action of the mother.
- Platform of the insulated socle made of first-class stainless steel
- 6 fixation holes for ground mounting



ACCESSORIES:

- **Paraffin heating element** (Order Ref. 101.0550), capacity approx. 2,25 l, continuous burning up to 5 days

RECOMMENDED FOR:

Cattle, calves, horses

Order Ref.	Type	Packing Hints
100.0552	Diaphragm pasture pump Mod. 552 WINTERPROOF	1 piece/box
100.0553	Diaphragm pasture pump Mod. 553 WINTERPROOF-JUNIOR	1 piece/box
101.0542	Suction filter with non-return valve	1 piece
101.0543	Suction tube (ID=30mm), per m	cut/meter
101.0557	Suction tube set brass, 8 m	1 piece
101.0558	Suction tube set plastic, 7 m	1 piece
101.0550	Paraffin heating element	1 piece/box

ACCESSORIES FOR ALL PASTURE PUMPS:

- **Suction filter** with non-return valve (Order Ref. 101.0542)
- **Suction tube** (Order Ref. 101.0543), per meter
- **Suction tube set brass** (Order Ref. 101.0557). Scope of delivery: suction tube **8 m**, suction filter with non-return valve and connections in brass
- **Suction tube set plastic** (Order Ref. 101.0558). Scope of delivery: suction tube **7 m**, suction filter with non-return valve and connections in plastic



101.0557



101.0558



101.0542

Order Ref.	Type	Packing Hints
101.0542	Suction filter with non-return valve	1 piece
101.0543	Suction tube (ID=30mm), per m	cut/meter
101.0557	Suction tube set brass, 8 m	1 piece
101.0558	Suction tube set plastic, 7 m	1 piece

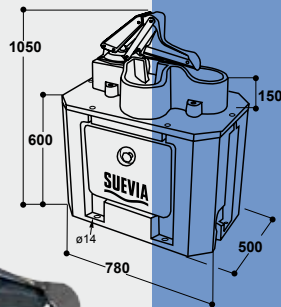
**FROST-FREE ON PASTURE
WITHOUT ELECTRICITY**



100.0552 WINTERPROOF



Paraffin heating element
(Order Ref. 101.0550)



100.0553
WINTERPROOF-JUNIOR





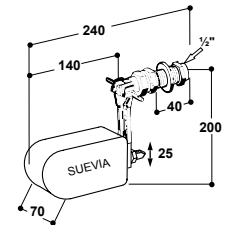
FLOAT VALVES



Membrane Float Valve Model 671

- For installation into troughs and tanks
- Water flow up to 25 l/min (7 gallons/min)
- 1/2" male connection
- For water pressure up to **max. 5 bar**
- Suited for all SUEVIA pasture troughs Model WT200 – WT1500

Order Ref. 131.0671



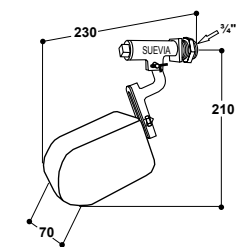
Float Valve

for high water pressure (1-4 bar): Model 674
for low water pressure (max. 1 bar): Model 675

- Suited for all SUEVIA pasture troughs Model WT200 – WT1500 and WT80
- 3/4" male connection
- 131.0674: for high water pressure **from 1 to max. 4 bar**
- 131.0675: for low water pressure **up to max. 1 bar**
- With stainless steel nozzle!

Order Ref. 131.0674

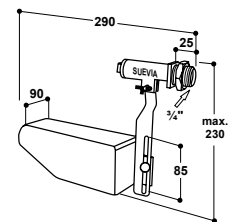
Order Ref. 131.0675



MAXIFLOW Float Valve Model 700

- High-performance float valve, water flow up to 40 l/min (11 gallons/min)
- For installation into troughs and tanks
- 3/4" male connection
- For water pressure up to **max. 5 bar**
- With stainless steel nozzle!

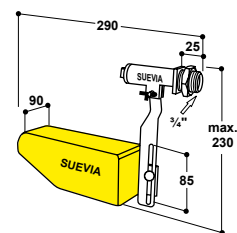
Order Ref. 131.0700



Low Pressure Float Valve Model 738

- For installation into troughs and tanks
- 3/4" male connection
- For water pressure up to **max. 1 bar** (yellow floater)
- With stainless steel nozzle!

Order Ref. 131.0738



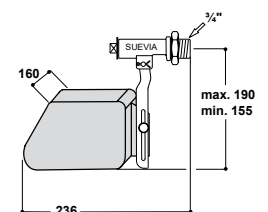
MASTERFLOW Float Valve

for high water pressure (1-5 bar): Model 723
for low water pressure (max. 1 bar): Model 739

- For installation into troughs and tanks
- 3/4" male connection
- High-capacity float valve **Model 723**, for water pressure up to 5 bar, water flow up to 40 l/min (11 gallons/min)
- Low pressure valve **Model 739 up to max. 1 bar**
- With stainless steel nozzle!

Order Ref. 131.0723

Order Ref. 131.0739



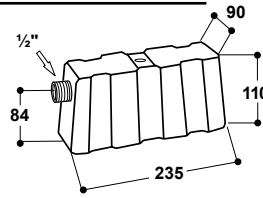
Order Ref.	Type	Packing Hints
131.0671	Membrane float valve Mod. 671	1 piece
131.0674	Float valve Mod. 674	1 piece
131.0675	Low pressure float valve Mod. 675	1 piece
131.0700	MAXIFLOW float valve Mod. 700	1 piece
131.0738	Low pressure float valve Mod. 738	1 piece
131.0723	MASTERFLOW float valve Mod. 723	1 piece
131.0739	MASTERFLOW float valve Mod. 739 for low pressure	1 piece



Float Valve Model 509

- For installation into troughs and tanks
- Float Valve with **plastic cage**
- Water flow up to 8 l/minute (2 gallons/min)
- ½" male connection
- If desired, fixing bracket (Order Ref. 131.0506) available on demand for fixation of float valve on the edge of the trough
- Not suited for low water pressure

Order Ref. 131.0509



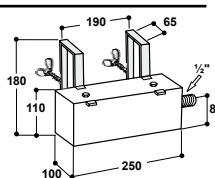
ACCESSORIES:

- Fixing bracket (Order Ref. 131.0506)

High-Performance Float Valve Model 513

- For installation into troughs and tanks
- **Stainless steel cover**
- ½" male connection from right hand or left hand side
- With 2 galvanized fixing brackets for fixation on the edge of the trough
- Water flow up to 25 l/min (7 gallons/min)

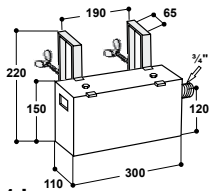
Order Ref. 131.0513



High-Performance MAXIFLOW Float Valve for high water pressure (1-5 bar): Model 874 for low water pressure (max. 1 bar): Model 475

- For installation into troughs and tanks
- **Stainless steel cover**
- ¾" male connection from right hand or left hand side
- With 2 galvanized fixing brackets for fixation on the edge of the trough
- Mod. 874: water flow up to **40 l/min (11 gallons/min)**
- Mod. 475 low pressure float valve: water pressure up to **max. 1 bar**

Order Ref. 131.0874
Order Ref. 131.0475



Filling Valve Model 717

Order Ref. 131.0717

- Foreseen to fill water tanks: guarantees a minimum water level at the tank's bottom
- SUEVIA Filling Valve Model 717 is used in those drinking systems, which provide water through a storage tank. In this tank a pre-warmed water from milk cooling is collected after milking, in order to give it to the animals to drink. After this pre-warmed water is consumed, the SUEVIA filling valve provides fresh water as intermediary solution to the drinking system. The height of the desired fresh water level in the tank is regulated by a "floating weight". This is connected with a rope to the valve, which is mounted above the tank. If the water level is sufficient, the weight floats on the water surface and the valve is closed. If water level decreases, the valve opens again.
- 3 m rope inclusive
- ¾" male connection
- Suited for water pressure from **1 to max. 4 bar**
- With stainless steel nozzle



Order Ref.	Type	Packing Hints	
131.0509	Float valve Mod. 509 , with plastic housing	1 piece	
131.0506	Fixing bracket	1 piece	
131.0513	High-performance float valve, Mod. 513	1 piece/box	
131.0874	High-performance MAXIFLOW float valve, Mod. 874	1 piece/box	
131.0475	Low pressure float valve Mod. 475	1 piece/box	
131.0717	Filling valve Mod. 717	1 piece/bag	



ACCESSORIES FOR DRINKING BOWLS

Circuit Pipe for Drinking Bowls

Order Ref. 103.2005

- Made of stainless steel
- Connections in 3/4" male
- Drinking bowls can be connected with this pipe to a 3/4" circuit. The water passes the valve on the top.
- For connection of following SUEVIA drinking bowls with 3/4" valve:
Mod. 25R-VA3/4" (Order Ref. 100.0259), Mod. 12P-VA3/4" (Order Ref. 100.0129 and 100.0128), Mod. 375-VA3/4" (Order Ref. 100.3759), Mod. 1200-VA3/4" (Order Ref. 100.1209), Mod. 18P-VA3/4" (Order Ref. 100.0189), Mod. 16P-VA3/4" (Order Ref. 100.0169), Mod. 19R-MS3/4" (Order Ref. 100.0198)
- Height x width: approx. 123,5 x 17,5 cm

Order Ref.	Type	Packing Hints
103.2005	Circuit pipe stainless steel 3/4", for drinking bowls	1 piece



103.2005



Circuit Pipes for Trough Drinkers

Order Ref. 103.2006

- Made of stainless steel
- 2 connections 3/4" male + 1 connection 3/4" female
- For connection of following SUEVIA troughs:
Mod. 500 (Order Ref. 130.0500), Mod. 520 (Order Ref. 130.0520),
Mod. 600 (Order Ref. 130.0600), Mod. 620 (Order Ref. 130.0620)
- Troughs can be connected with this pipe to a 3/4" circuit. The water passes the valve.
- Height x width: approx. 120 x 15,5 cm

Order Ref.	Type	Packing Hints
103.2006	Circuit pipe stainless steel 3/4", for troughs Mod. 500, 520, 600, 620	1 piece



**STAINLESS STEEL
CONNECTION PIPES P. 110**



FITTINGS P. 118





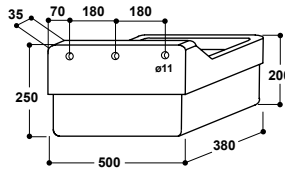
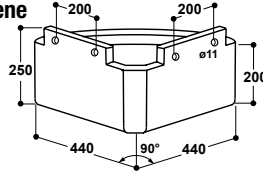
FEEDER AND CLEANING BATHS

Triangular Feeder Model 210 Rectangular Feeder Model 211

Order Ref. 160.0210

Order Ref. 160.0211

- Trough made of premium quality **UV-resistant polyethylene**
- Smoothly moulded edges – no risk of injury for the animal!
- Anti-waste rim prevents spillage
- Equipped with drainage plug for better cleaning
- Model 210 triangular feeder (Order Ref. 160.0210) contents 22 l
- Model 211 rectangular feeder (Order Ref. 160.0211) contents 26 l



RECOMMENDED FOR:

Calves, horses

Order Ref.	Type	Packing Hints
160.0210	Triangular feeder Mod. 210	1 piece
160.0211	Rectangular feeder Mod. 211	1 piece

Semicircle Feeder Model 212

Best.-Nr. 160.0212

- Ideal for mounting in horse boxes, e.g. on turnable feed doors!
- Dimensions approx. 62 x 19 x 31 cm
- Capacity 19 l

Order Ref.	Type	Packing Hints
160.0212	Semicircle feeder Mod. 212	1 piece

Disinfection Bath for Boots SD80

Order Ref. 160.1086

- To avoid transport of bacteria into stable all entrances should be equipped with a disinfection bath for boots
- Bath made of high-quality **polyethylene** plastic
- **Anti-slip ground profile**
- Commercially available disinfectants can be used
- Capacity 19 l (5 gallons), dimensions (w x h x d) approx. 80 x 60 x 11 cm

Order Ref.	Type	Packing Hints
160.1086	Disinfection bath for boots, SD80	1 piece

Cleaning Bath for Cattle

KB200, 2,0 m

Order Ref. 160.0160

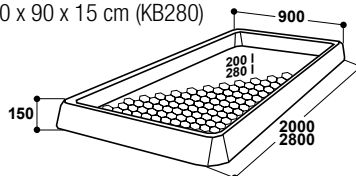
KB280, 2,8 m

Order Ref. 160.0161

- Made of high-density **UV-resistant polyethylene**
- The **honeycomb design** guarantees that the cows' hooves are spread when passing through thus enabling easy entry of disinfectant, secure stance of animals
- Dimensions approx. 200 x 90 x 15 cm (KB200) or 280 x 90 x 15 cm (KB280)
- Capacity 200 l (KB200) oder 280 l (KB280)

RECOMMENDED FOR:

Cattle, dairy cows, sheep



Order Ref.	Type	Packing Hints
160.0160	Cleaning bath for cattle KB200	1 piece
160.0161	Cleaning bath for cattle KB280	1 piece



160.0212



with drainage plug



with drainage plug

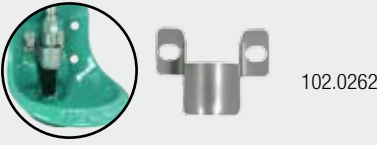
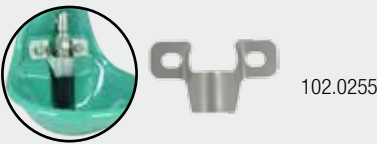
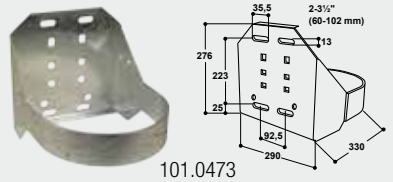
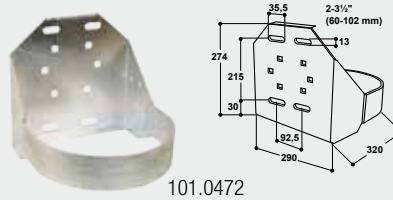
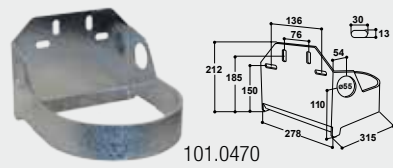
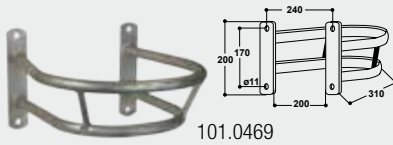
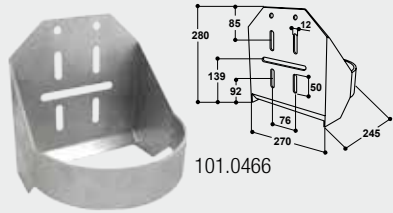


2,8 m





ACCESSORIES FOR DRINKING BOWLS



Protections for Drinking Bowls

- To protect the drinking bowl against blows and impacts from the animals, galvanized

Order Ref.	Suited for
101.0466	Model 10P and 20 for wall and pipe fixation 1½" – 2" (48 - 60mm)
101.0469	Model 10P, 20, 12P, 25R, 46, 115, 1100 and 1200 only for wall fixation. For horses.
101.0470	Model 130P, 340, RUB for wall and pipe fixation (1½" – 2")
101.0472	Model 12P and 25R for wall and pipe fixation 2" – 3½" (60 - 102 mm)
101.0473	Model 115 and 1200 for wall and pipe fixation 2" – 3½" (60 - 102 mm)
101.0474	Mod. 19R for wall and pipe fixation 2" – 3½" (60 - 102 mm)

Advantages of new protections Mod. 472, 473 und 474:

- Simplified installation: first the drinking bowl is mounted into the protection bracket, then the whole unit is mounted on the pipe with fixing brackets.
- Fixation on 2"-3½"-pipes (60-102 mm) possible
- Optimized form for the drinking bowl
- Reinforced construction, more robust
- During installation of a connection set for ¾" water circuits it can be secured by two screws (M10x35, to be provided on site). This prevents any leakage of the water circuit.

Pictures with accessories:

Mod. 25R



Mod. 19R



Order Ref.	Type	Packing Hints
101.0466	Protection bracket for Mod. 10P, 20	1 piece
101.0469	Protection bracket for Mod.10P, 20, 12P, 25R, 46, 115, 1100 und 1200	2 pieces/box
101.0470	Protection bracket for Mod. 130P, 340, RUB, RUC	1 piece
101.0472	Protection bracket for Mod. 12P, 25R	1 piece
101.0473	Protection bracket for Mod. 115, 1200	1 piece
101.0474	Protection bracket for Mod. 19R	1 piece
131.0169	Fixing bracket M12 1½" - 2", galvanized	1 piece/bag
101.1241	Bracket galv. for 2½" / 77 mm, with nuts and washers	1 piece/bag
101.1242	Bracket galv. for 3½" / 102 mm, with nuts and washers	1 piece/bag
102.0249	Valve protection, for Mod. 25R, 12P, 18P, 46, 375, 1200, 1200P	1 piece
102.0255	Valve Protection, for Mod. 20	1 piece
102.0262	Valve Protection, for Mod. 370	1 piece
101.1435	Valve Extension, for Mod. 25R, for cattle with nose-rings	1 piece
101.1436	Valve Extension, for Mod. 46, for cattle with nose-rings	1 piece



ACCESSORIES FOR CATTLE DRINKING BOWLS

Adapter Plate for 2½" – 3½" Pipes

- Adapter plate, galvanized, for fixation of SUEVIA drinking bowls on 2½" – 3½" pipes
- For Mod. 10P, 12P, 16P, 18P, 19R, 20, 25R, 46, 60, 115, 130P, 340, 350, 370, 375, 1100, 1200. 2 fixing brackets necessary

ACCESSORIES:

- **Fixing bracket** for 2½" pipes / 77 mm (Order Ref. 101.1241), galvanized, with nuts and washers
- **Fixing bracket** for 3½" pipes / 102 mm (Order Ref. 101.1242), galvanized, with nuts and washers

Order Ref.	Type	Packing Hints
101.1240	Adapter plate, for 2½" – 3½" pipes	1 piece
101.1241	Bracket galv. for 2½" / 77 mm, with nuts and washers	1 piece/bag
101.1242	Bracket galv. for 3½" / 102 mm, with nuts and washers	1 piece/bag



77 mm / 2½": 101.1241
102 mm / 3½": 101.1242

Mounting Brackets, galvanized

- **For fixation of SUEVIA Drinking Bowls on posts or on tubes** (e.g. for fixation of Models 10P, 12P, 16P, 18P, 19R, 20, 25R, 46, 115, 130, 340, 350, 1200)

Order Ref.	Type	Packing Hints
101.1486	Mounting Bracket for posts Ø 76 mm (2½")	1 piece/bag
101.1487	Mounting Bracket for posts Ø 102 mm (3½")	1 piece/bag
101.1488	Mounting Bracket for posts Ø 140 mm (5")	1 piece/bag



101.1486



101.1487



101.1488

Corner plate

- **For fixation of SUEVIA Drinking Bowls on a corner** (for fixation of Models 12P, 25R, 370, 375)

Order Ref.	Type	Packing Hints
101.1490	Corner plate	1 piece



101.1490

Lick Stone Holder, Stainless Steel

Order Ref. 101.0965

- Made of stainless steel
- For salt stones with 24 cm edges up to a weight of 25 kg

Order Ref.	Type	Packing Hints
101.0965	Lick stone holder, stainless steel	1 piece



Armoured Hose for Connection of Drinking Bowls ½", ¾" or 1"

- Flexible armoured hose for connection of drinking bowls
- With **stainless steel wire woven around**
- Versions in ½", ¾" or 1", available in different lengths
- Female union nut, male thread, depending on version
- Flat sealing inclusive

Order Ref.	Type	Packing Hints
101.1276	Armoured hose 300 mm f/m ½"	1 piece
101.1277	Armoured hose 500 mm f/m ½"	1 piece
101.1278	Armoured hose 300 mm f/m ¾"	1 piece
101.1279	Armoured hose 500 mm f/m ¾"	1 piece
132.1182	Armoured hose 700 mm f/m ¾"	1 piece
101.1280	Armoured hose 1000 mm f/f 1"	1 piece

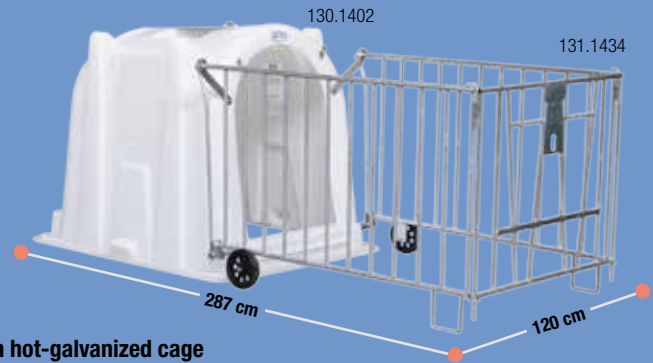
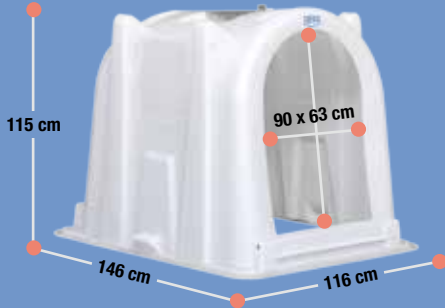




CALF HUTS

Calf Hut MINI

- The ideal hut for calves up to **6 weeks** of age

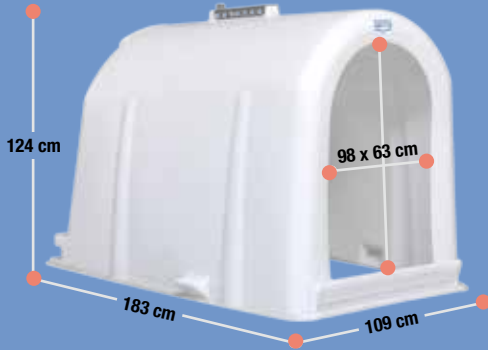


MINI with hot-galvanized cage

NEW!
OPAQUE

Calf Hut MIDI

- The ideal hut for calves up to **8 weeks** of age



MIDI with hot-galvanized cage

Calf Hut MAXI

- The ideal hut for calves up to **8 weeks** of age



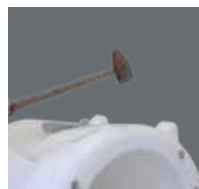
MAXI with hot-galvanized cage



Always fresh air for your calf: adjustable three-hole-ventilation in the rear wall



Additional fresh air: adjustable ventilation in the roof



Made of **premium quality polyethylene**, rotomoulded, thus being insusceptible to shocks, weatherproof and of course **UV-resistant**



For cleaning purposes the **calf hut can be put on end**. The hut can be cleaned with usual cleaning material



Cages MINI and MAXI are equipped **with two lugs** for ease of transportation.



Calf Huts MINI, MIDI and MAXI

In order to enable your calves a healthy start into life and to strengthen resistance it is ideal to offer them a highly clean and germ-free environment. This "double-climate" surrounding allows the calves to start earlier in eating concentrated feed and to better profit from the nourishment.

Calf huts MINI, MIDI and MAXI enable an optimal separation of the animals and help to prevent mutual infection. Proven robust performance of the calf huts and the functional cages offer the animals a healthy living space and ease of use for stockmen!

Cages for Calf Huts

- Easy to handle cages, hot galvanized, **length 145 cm**
- Cage for MINI / MIDI consists of two lateral parts and a front door with 2 openings: for 2 buckets/feeding bowls and 1 bucket with teat (supports for buckets are available as accessories, see p. 75)
- Cage for MAXI consists of two lateral parts and a front door with 2 openings: for 2 buckets/feeding bowls and 2 buckets with teat (supports for buckets are available as accessories, see p. 75)
- All cages with wheels, screws and connecting parts in scope of delivery



Easy handling, locking bolts are tightly fixed at the door (impossible to lose)



Cage can be pivoted upwards, for cleaning or for putting straw into the hut



In order to clean the park when the calf is inside the hut, the **calf can simply be blocked in the hut with the front side** of the fencing and the lateral parts of the fencing can be tilted upwards along the right and left hand side of the hut.



For despatch stackable!

Depending on truck or container size:

- Calf Hut MINI: max. 10 pieces/pallet
- Calf Hut MIDI: max. 8 pieces/pallet
- Calf Hut MAXI: max. 8 pieces/pallet

CAGE FRONT WITH 2 OPENINGS!



Calf Hut MIDI with accessories

Accessories see p. 75

- 131.1016
- 131.1015
- 300.0288
- 131.1418
- 300.0038
- 300.0013



Functional cage, large wheels provide easiness in transport! Wheels are in scope of delivery of all cages.

ACCESSORIES:

Front door, if calf is kept without cage for MINI / MIDI / MAXI



131.1416
Front door with 2 openings for 2 buckets, hot-galvanized



Order Ref.	Type	Packing Hints
NEW! 130.1402	Calf hut MINI, opaque	1 piece
NEW! 130.1502	Calf hut MIDI, opaque	1 piece
NEW! 130.1602	Calf hut MAXI, opaque	1 piece
131.1434	Cage for calf hut MINI and MIDI, hot-galvanized, incl. front side with two openings for 2 buckets, with wheels	1 piece
131.1633	Cage for calf hut MAXI, hot-galvanized, incl. front side with two openings for 2 buckets, with wheels	1 piece
131.1416	Front door for MINI / MIDI / MAXI, hot-galvanized, with two openings for 2 buckets	1 piece





CALF HUTS

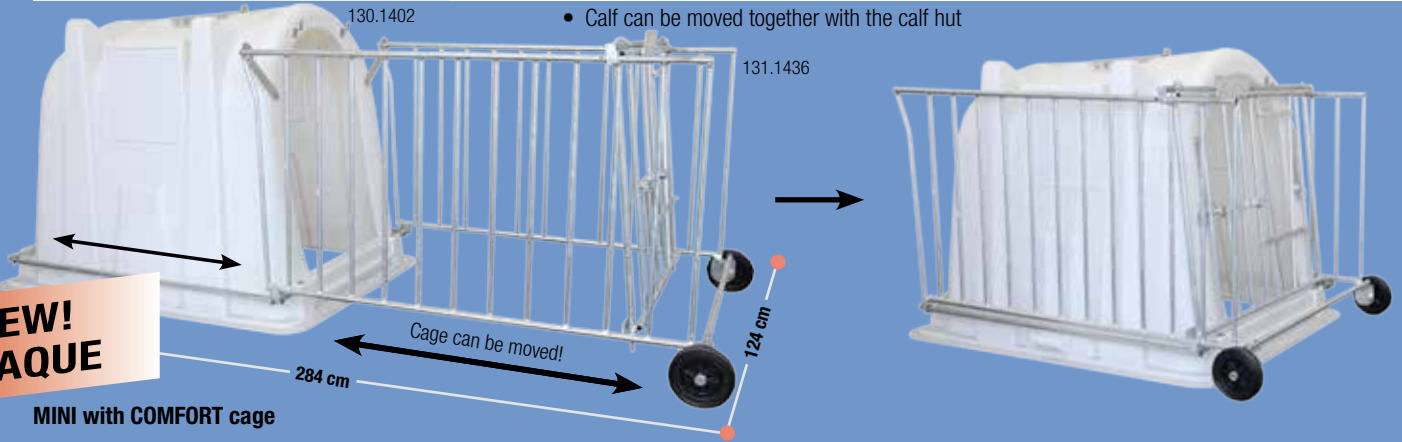


COMFORT Cage for Model MINI

Order Ref. 131.1436

- Calf can be moved together with the calf hut

**NEW!
OPAQUE**



MINI with COMFORT cage

1. The complete cage is moved backwards alongside the hut, in order to hold the calf back in the hut. The place in front of the hut can now be cleaned.
2. In order to renew the straw in a hut with a calf inside, the hut is lifted up slightly at the back side and moved forwards together with the walking calf inside the hut. The straw mat in the hut can now easily be taken away.

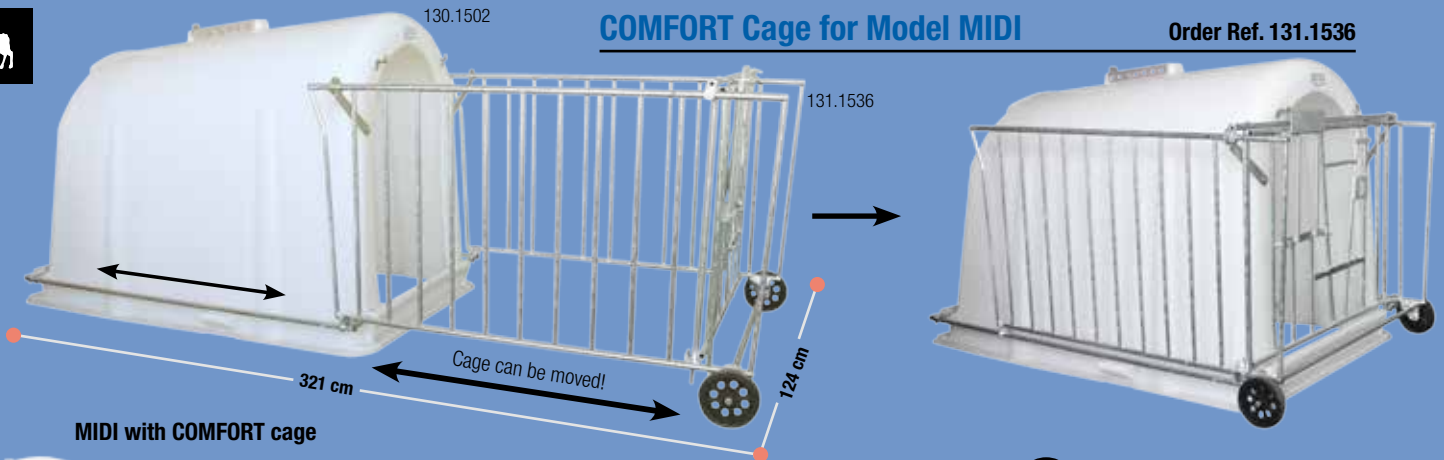


3. After having taken the calf out of the hut, the hut can be put on end for cleaning purposes. The big wheels permit an easy transport to the cleaning place!



COMFORT Cage for Model MIDI

Order Ref. 131.1536



MIDI with COMFORT cage

ACCESSORIES:

Container for hay and concentrates, in plastic, especially designed for COMFORT cage (Order Ref. 131.1419)

- Cage has been moved backwards. Due to movable front side towards left or right, you have the possibility to treat the calf.



Order Ref.	Type	PG 2	Packing Hints
NEW! 130.1402	Calf hut MINI, opaque		1 piece
131.1436	COMFORT cage, hot-galvanized, for calf hut MINI		1 piece
NEW! 130.1502	Calf hut MIDI, opaque		1 piece
131.1536	COMFORT cage, hot-galvanized, for calf hut MIDI		1 piece
131.1419	Container for hay and concentrates, for COMFORT cage		1 piece

- In order to renew the straw in a hut with a calf inside, the hut is lifted up slightly at the back side and moved forwards together with the walking calf inside the hut.

- **Robust grip for easy lifting,** incl. in scope of delivery for COMFORT Cage for calf hut MINI



Accessories for Calf Huts MINI, MIDI and MAXI

The SUEVIA huts offer a maximum of functionality which pays off during use or when cleaning them afterwards. **Numerous accessories** for indoor or outdoor feeding are available for both versions. They offer you the ideal way to care for your animals and can be combined according to the users' wishes: e.g. pellets which should be given to the calf as of the 8th day onwards, can be dispersed to the animals in the hay container, or water in sufficient quantity in the buckets fixed in the hut or in the cage's wall.

SUEVIA CALF HUTS
the healthy "Nursery"
for your calves!



Order Ref.	300.0013	300.0049	131.1015	300.0038	300.0288	131.1016
PG 2	Calf bucket drinker , with teat, flat side, 8 l	Lid for flattened calf bucket drinker 8 l	Holder for flattened calf bucket drinker, galvanized	Bucket in plastic , 12 l	Feeding bowl , 5 l	Bracket , galvanized, for 12 l bucket or feeding bowl 5 l

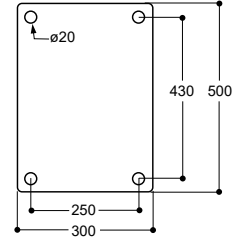


Order Ref.	131.1418	131.1420	300.0632
PG 2	Container for hay and concentrates for outdoor feeding (for cages 131.1434, 131.1633). In high-quality polyethylene, with galvanized cover easy to tilt. The upper part is used as a hay rack (bars in stainless steel), the lower part is used for familiarization of calves to concentrates (special version of container for COMFORT cage - see p. 74)	Container for concentrates , for Standard-cage	Calf Coat Standard , grey, back length 67 cm. Improves calf's immune system and supports his well-being in his first days and weeks after birth.





COW BRUSHES



SUEVIA Cow Brushes

Clean, healthy and safe!

Cows want to rub and to scrape. They clean themselves this way and get rid of external impurities. Moreover the brushing stimulates the blood circulation. The use of SUEVIA's cow brush is an essential contribution to a **maximum comfort level for the cow** and basic for a high milk production. The animals are calmed down, their well-being is increased. Time-consuming **cleaning by hand is reduced to a minimum!**

Brush TWISTER

- Free vertically swinging brush, without electrical gear.
- Offers animals a possibility to rub and to scrub themselves
- Ideal for use as an activity or an anti-stress toy
- Due to pendular hanging suited for animals of different size, no height adjustment necessary
- Anatomically formed brush, 75 cm long
- Resistant bristles made of premium-quality plastic
- Easy mounting
- According to building height, it is possible to fix the brush to the ceiling or to the rafter, connecting it with the plastic-coated mounting bar (75 cm long, Ref. 131.4151). For higher buildings it is possible to mount additional mounting bars. As alternative a solid hot galvanized suspension arm (overhang 1,20 m, Ref. 131.4152) is available for fixation on a wall or a post. Suspension arm and mounting bar must be ordered separately.
- For the installation inside or outside the stable
- Suited for cattle, calves, goats and horses

PG
2

Order Ref.	Type	Packing Hints
131.4153	Brush TWISTER	10 pieces/pallet
131.4151	Mounting bar with welded shackles	1 piece
131.4152	Suspension arm, hot galvanized	10 pieces/pallet





Pat.

Cow Brush EASYCLEANER Cow Brush EASYCLEANER MINI

Best.-Nr. 130.5011

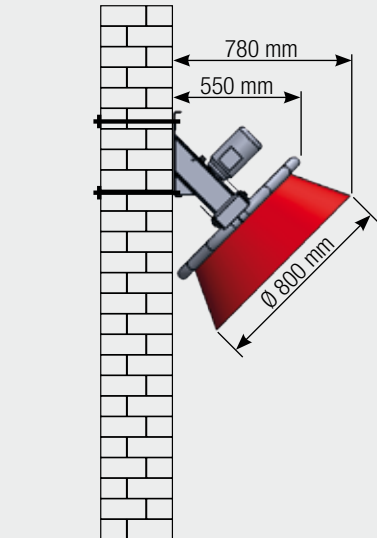
Best.-Nr. 130.5015

- Brush disc is placed in an inclined position. The extensive brushing surface and the rotating brushing movement provide a steady massage of the head and back section as well as big parts of the flanks and offer the cows a maximum cow comfort
- Suitable for animals of different size due to inclined mounting, no height adjustment necessary
- Bristles made of a very solid and special plastic
- Solid, space-saving construction
- Actuation via maintenance-free and heavy-duty gear with gear wheels made of hardened steel
- Easy start of actuation by touching the brush
- Change of direction of rotation of bristles each time when the brush is operated, ensuring an even use of bristles. Operating time approx. 2 min.
- **Resistance reverse mechanism adjustable.** In case of an overload situation e.g. wound up tail, the EASYCLEANER stops automatically and changes direction of rotation
- For indoor use. Easy installation on a wall or on a post
- **EASYCLEANER for cows, EASYCLEANER MINI for calves.**

Technical Data:

Order Ref.	130.5015	130.5011
Electric motor	230 V, 50 Hz	230 V, 50 Hz
Motor capacity	370 W	370 W
Revolutions of bristle	34 rpm/min	34 rpm/min
Dimensions h x w x d	900 x 600 x 700	960 x 830 x 780
Weight	approx. 65 kg	approx. 67 kg

compact design,
also for narrow spaces!
graphic shows EASYCLEANER



NEW!

PG 2

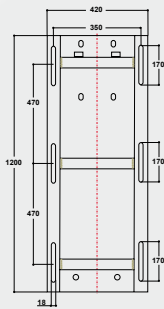
Order Ref.	Type	Packing Hints
130.5011	Cow brush EASYCLEANER, 230 V, 50 Hz	4 pieces/pallet
130.5015	Cow brush EASYCLEANER MINI, 230 V, 50 Hz	4 pieces/pallet

NEW!





COW BRUSHES



SUEVIA Cow Brushes

Clean, healthy and safe!

Cows want to rub and to scrape. They clean themselves this way and get rid of external impurities. Moreover the brushing stimulates the blood circulation. The use of SUEVIA's cow brush is an essential contribution to a **maximum comfort level for the cow** and basic for a high milk production. The animals are calmed down, their well-being is increased. Time-consuming **cleaning by hand is reduced to a minimum!**

Technical Data:

Order Ref.	130.5000
Electric motor	230 V, 50 Hz
Motor capacity	370 W
Rev. of bristle	34 rpm/min
Dimensions	h 1200 mm, w 650 mm, d 850 mm
Weight	approx. 90 kg

Cow Brush PROFICOW-ONE 230 V, 50 Hz



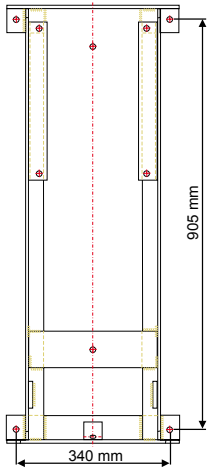
Order Ref. 130.5000

- Anatomically formed brush
- Bristles made of a very solid and special plastic
- Actuation via maintenance-free and heavy-duty gear with gear wheels made of hardened steel
- Suitable for animals of different size due to inclined mounting, no height adjustment necessary
- The brush starts to turn when animals press against it from the side
- Change of direction of rotation of bristles each time when PROFICOW-ONE is operated, ensuring an even use of bristles. Operating time approx. 2 min.
- **Resistance reverse mechanism adjustable.** In case of an overload situation e.g. wound up tail, cow brush stops automatically and changes direction of rotation.
- Easy installation on a wall or on a post inside the stable

PG
2

Order Ref.	Type	Packing Hints
130.5000	Cow brush PROFICOW-ONE, 230 V, 50 Hz	2 pieces/pallet





Technical Data:

Order Ref.	130.5002
Electric motor	230 V, 50 Hz
Motor capacity	370 W
Revolutions of bristle	60 rpm/min
Dimensions	h 1150 mm, w 400 mm, d 1085 mm
Weight	approx. 130 kg



Cow Brush KRAZZMAXX 230 V, 50 Hz

Order Ref. 130.5002

- Anatomically formed brush
- Bristles made of a very solid and special plastic
- Actuation via maintenance-free and heavy-duty gear with gear wheels made of hardened steel
- Splash-water-protected and dust-proof motor
- **Brush ready-for-connection**
- Suitable for animals of different size due to pendulum mounting (height range approx. 250 mm)
- The brush starts to turn by being lifted up by the animals and turns permanently as long as lifted.
- **Running time lag after brushing: approx. 20 sec.**
- **Resistance reverse mechanism adjustable.** In case of an overload situation e.g. wound up tail, the KRAZZMAXX stops automatically and changes direction of rotation
- For indoor and outdoor use
- Easy installation on a wall or on a post



Order Ref.	Type	Packing Hints
130.5002	Cow brush KRAZZMAXX, 230 V, 50 Hz	2 pieces/pallet



DRINKING BOWLS FOR SHEEP AND GOATS

Drinking Bowls for Sheep and Goats

The following gives you a summary of the SUEVIA drinking bowl range for sheep and goats. In this category you will find drinking bowls which are made of high-quality **cast iron, plastic or polyethylene**. For free stalls we can offer you a range of heated and frost-protected troughs. Also for pasture animals you will find a selection of various water supply systems.

Our cast iron drinking bowls are equipped with a high-quality enamel coating, which guarantees a long-lasting, optimal and hygienic surface protection. Also the plastic we use is carefully chosen for uses that involve animal keeping and is constantly quality controlled.

When using our drinking bowls for sheep and goats, we would draw special attention to our drinking bowl **Model 370 and Model 375 with drink inducer**. In order to guarantee that young stock is brought up in a healthy manner, it is necessary that they learn to drink enough water independently at an early stage. Therefore on Model 370 and Model 375 we have located a small **enticement basin** behind the tube valve. Young animals, which have not yet learnt how to activate the valve can lap up the remaining water out of the enticement basin. With time they will drink water from this bowl and automatically learn how to use the easy to activate tube valve. An early, independent and sufficient water supply is guaranteed this way.

Alternatively **drinking bowls with float valve**, offering constant water level to the animals, such as drinking bowls in special plastic **AQUATHAN Model 130P**, or in cast iron and enamelled **Model 340 or Model 350** are used. In all of these cases the animal does not need to operate a mechanism to access water. In this case you can also choose between a plastic bowl Model 130P Model 130P-N (for low pressure) or the enameled, cast iron drinking bowls Model 340 and Model 350 as drinking bowls with float valve.

We also supply solutions for free stalls which guarantee reliable water supply even in extremely cold (minus) temperatures. You can choose from a selection of **heated drinking bowls** Model 43A, Model 46, Model 130P-H and **ISO-Drinker** Model 6620 (each with installed heating), or **Thermo Source Drinkers, which do not require electricity**.

For frost protection of the pipes and connections above ground we offer a large range of **frost protection heating cables** and **heating units** for water circuits.

	Milk production in liter	Water intake in liter /animal /day	Mounting height of drinking bowls
Sheep	—	1,5 – 4	30 – 40
Goats	—	2 – 4	30 – 40
Goats	2	6 – 7	30 – 40

The mounting heights indicated in this list are standard values. It has, however, to be taken care to the individual type of animal and the intended use of the drinker on the spot. Water intake always depends on local ambient temperature.





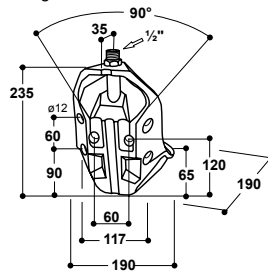
DRINKING BOWLS FOR SHEEP AND GOATS

Drinking Bowl with Drink Inducer Model 370 with 1/2" brass valve Model 370 with 1/2" stainless steel valve

Order Ref. 100.0370

Order Ref. 100.0379

- Bowl made of **cast iron, completely enamelled**, easy to clean
- **Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- With **enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- 1/2" female connection from the top
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



ACCESSORIES:

- **1 fixing bracket** (Order Ref. 131.0152)
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR: Sheep, goats, calves, dogs

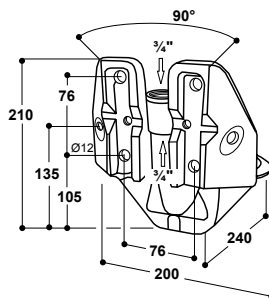
Order Ref.	Type	Packing Hints
100.0370	Drinking bowl Mod. 370-MS1/2", brass valve	1 piece/box
100.0379	Drinking bowl Mod. 370-VA1/2", stainless steel valve	1 piece/box
131.0152	Fixing bracket M10 1" – 1 1/2", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece

Drinking Bowl with Drink Inducer Model 375 with 3/4" brass valve Model 375 with 3/4" stainless steel valve

Order Ref. 100.3753

Order Ref. 100.3759

- Bowl made of **cast iron, completely enamelled**, easy to clean
- **Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- With **enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- 3/4" female connection from from top and bottom: **suited for installation into water circuits!**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169), for fixation on 1" – 1 1/2" pipes
- **Connection set for 3/4" water circuits** (Order Ref. 103.1983), made of stainless steel, for easy installation into water circuits
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR:

Calves, sheep, goats, dogs

Order Ref.	Type	Packing Hints
100.3753	Drinking bowl Mod. 375-MS3/4"	1 piece/box
100.3759	Drinking bowl Mod. 375-VA3/4"	1 piece/box
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
103.1983	Connection set for 3/4" water circuits	1 piece/bag



Enticement basin



131.0152



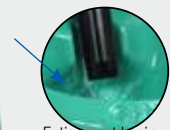
INSIDER TIP!

Drinking bowl with drink inducer for sheep, goats, calves and dogs

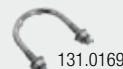
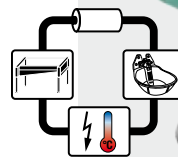
In order to guarantee that young stock is brought up in a healthy manner, it is necessary that they learn to drink enough water independently at an early stage. Therefore on Model 370 and 375 we have located a small **enticement basin** behind the tube valve. Young stock, which have not yet learnt how to activate the valve can lap up the remaining water out of the enticement basin. With time they will to drink water from this bowl and automatically learn how to use the easy to activate tube valve. An early, independent and sufficient water supply is guaranteed this way.



SUITED FOR WATER CIRCUITS!



Enticement basin



131.0169



131.0169

102.1127 103.1983



INSIDER TIP!

Ideal for installation into water circuits in combination with SUEVIA heating unit! (see pages 28 – 31)





DRINKING BOWLS FOR SHEEP AND GOATS



102.0352

with drainage plug

Drinking Bowl with Float Valve Model 125 (aluminium, plastic-coated)

Order Ref. 100.1250

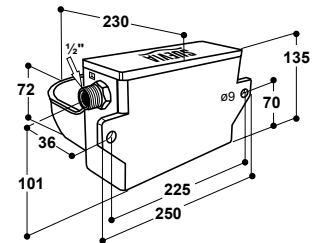
- Bowl made of **aluminium, plastic-coated**
- With float valve - constant water level
- Removable cover in polyethylene
- No sharp edges, no risk of injury!
- Constant water level – simple adjustment
- With **plug** for quick drainage
- ½" male connection, from right or left hand side

ACCESSORIES:

- **Elbow union ½" x ½" f/f** (Order Ref. 102.0352) for connection of water line from top or bottom

RECOMMENDED FOR:

Sheep, goats, dogs, calves, domestic animals



Order Ref.	Type	Packing Hints
100.1250	Drinking bowl Mod. 125	1 piece/box
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag



102.0352

with drainage plug

Drinking Bowls with Float Valve Model 130P (plastic) for max. 5 bar Model 130P-N (plastic) for max. 1 bar

Order Ref. 100.0130

Order Ref. 100.0131

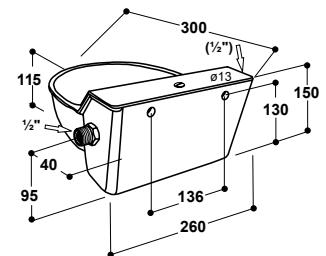
- Large bowl made of **high-quality plastic**
- Float valve allowing quick water flow
- Removable cover in stainless steel
- No sharp edges, no risk of injury!
- Constant water level – simple adjustment
- With **plug** for quick drainage
- ½" male connection, from right or left hand side
- **Mod. 130P-N: for low pressure, max. 1 bar**

ACCESSORIES:

- **Elbow union ½" x ½" f/f** (Order Ref. 102.0352) for connection of water line from top or bottom
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR:

Sheep, calves, horses, dogs



Order Ref.	Type	Packing Hints
100.0130	Drinking bowl Mod. 130 P	1 piece
100.0131	Drinking bowl Mod. 130 P-N	1 piece
101.0433	Height regulation without tools, in stainless steel	1 piece
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag



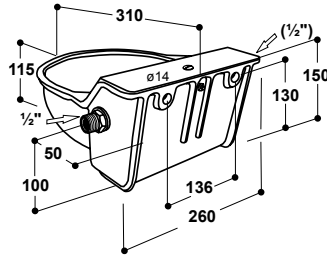


DRINKING BOWLS FOR SHEEP AND GOATS

Drinking Bowl with Float Valve

Model 340 (cast iron, enamelled) for max. 5 bar Order Ref. 100.0340

- Large bowl made of **cast iron, black enamelled**
- Float valve allowing quick water flow
- Removable cover in stainless steel
- No sharp edges, no risk of injury!
- Constant water level – simple adjustment
- ½" male connection, from left or right hand side



102.0352

ACCESSORIES:

- **Elbow union ½" x ½" f/f** (Order Ref. 102.0352) for connection of water line from top or bottom
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

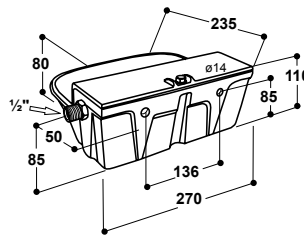
RECOMMENDED FOR:

Sheep, goats, dogs, deer, horses, calves, cattle (with anti-suction ring), bulls (with nose ring)

Drinking Bowl with Float Valve

Model 350 (cast iron, enamelled inside) 5 bar Order Ref. 100.0350

- Large bowl made of **cast iron, white enamelled inside**
- Float valve allowing quick water flow
- Removable cover
- No sharp edges, no risk of injury!
- Constant water level – simple adjustment
- ½" male connection, from right hand side



102.0352

ACCESSORIES:

- **Elbow union ½" x ½" f/f** (Order Ref. 102.0352) for connection of water line from top or bottom
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR:

Sheep, goats, dogs

Order Ref.	Type	Packing Hints
100.0340	Drinking bowl Mod. 340	1 piece/box
100.0350	Drinking bowl Mod. 350	1 piece
101.0433	Height regulation without tools, in stainless steel	1 piece
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag

Height regulation without tools in stainless steel

Order Ref. 101.0433

- **Completely made of stainless steel**
- Length 75 cm, adjustable height range 50 cm, in 10 cm-steps
- Enables to adjust the height of drinking bowls **without tools**
- For drinking bowls Model 130P, 130P-N, 340, 350, 370, 375
- Connection to water line by means of a flexible tube



Height regulation with e.g. Model 130P

101.0433

Order Ref.	Type	Packing Hints
101.0433	Height regulation without tools, in stainless steel	1 piece





DRINKING BOWLS FOR SHEEP AND GOATS



Troughs for Pasture

Model WT200

Order Ref. 160.0103

p. 62



Brush TWISTER for goats

- Free vertically swinging brush. delivered in single parts: brush, mounting bar and suspension arm
- Technical data see **p. 76**



Model WT80

Order Ref. 160.0102

Model WT80-N

Order Ref. 160.0106

p. 59



Model WT30

Order Ref. 160.0030

Model WT30-N

Order Ref. 160.0031

p. 59



Water Tank 500 l Order Ref. 160.0305

Water Tank 1300 l Order Ref. 160.0310

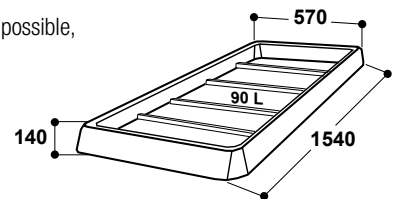
- Contents 500 l : dimensions (h x w x d) 91x80x120 cm
- Contents 1300 l : dimensions (h x w x d) 131x120x130 cm
- Technical data and accessories see **p. 63**



Cleaning Bath for Sheep KB150

Order Ref. 160.0150

- Made of high-density **UV-resistant polyethylene**
- Due to compact construction an easy transportation possible, ideal for mobile shepherds
- With rigged floor for secure stance
- Dimensions 154 x 57 x 14 cm (61" x 23" x 6")
- Capacity 90 l (24 gallons)



RECOMMENDED FOR:

Sheep

Order Ref.	Type	Packing Hints
160.0150	Cleaning bath for sheep KB150	1 piece

INSIDER TIP!

In order to avoid that sheep spring over the cleaning bath and to increase efficiency, practice shows that it is highly recommended to place two cleaning baths for sheep lengthwise one after the other!





DRINKING BOWLS FOR SHEEP AND GOATS

Heated Drinkers

Model 46 with brass valve 1/2" Order Ref. 100.0046
Model 46 with stainless steel valve 3/4" Order Ref. 100.1469

- Particularly recommended for mother sheep / ewe
- **Frost-free down to -15°C. Remaining water in the bowl will not freeze!**
- Due to subsequent installation of valve heating (24 V, 5 W, Order Ref. 101.1405) **frost-free down to -35°C**
- One drinking bowl sufficient for 20 – 30 mother sheep / ewe
- Technical data and accessories see **p. 21**



p. 21



Valve Heating 24 V, 5 W
101.1405

Model 43A (80 W heating element) Order Ref. 100.0043
Model 43A-SIBIRIA (180 W heating element) Order Ref. 100.1043

- Ideal for use with sheep, goats, deer, calves, horses, and other small domestic animals with sensitive noses!
- **Frost-free down to -20°C**
- One drinking bowl sufficient for 30 – 40 sheep or goats
- Technical data and accessories see **p. 23**



p. 23



Drinking Bowl with installed heating
Model 130P-H Order Ref. 100.1305



p. 17

- Due to installed heating element (24 V, 20 W), the drinker is **frost-free** down to **-10°C**
- Technical data and accessories see **p. 17**

Thermo Tube 400 mm
 Order Ref. 101.0344

- For installation of heated drinking bowl Mod. 43A
- Details see **p. 23**



**TRANSFORMERS, HEATING UNITS,
 FROST PROTECTION HEATING CABLES
 AND FURTHER ACCESSORIES » p. 25 – 31**



p. 28 – 31



p. 25

Frost-Protected Drinkers

Thermo Source Drinker
Model 850 with one drinking place Order Ref. 130.0850
Model 860 with two drinking places Order Ref. 130.0860

- Frost-protected down to **-10°C, without electricity!** **p. 33**



- for 35 – 50 sheep / goats
- for 75 – 100 sheep / goats

ISO-Drinker with Float Valve, Two Drinking Places
Model 6620 (180 W, frost-free down to -20°C) Order Ref. 130.6620
Model 6620-SIBIRIA (380 W, down to -30°C) Order Ref. 130.6621

- Frost-free down to **-20°C** with heating 180 W
- **Model 6620-SIBIRIA** with heating 380 W down to **-30°C** frost-free!

p. 51



Valve cover can be opened without use of tools

Drainage plug in the bowl's bottom

Incl. armoured tube and frost protection heating cable 24 V





DRINKING BOWLS FOR SHEEP AND GOATS

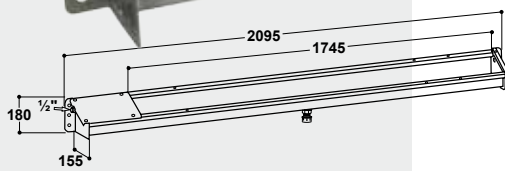


Trough in Stainless Steel for sheep and goats

- Trough for wall fixation
- Completely made of **stainless steel**
- For 50 – 80 sheep / goats
- **With float valve - constant water level**
- According to water pressure, water flow up to 5 l/min
- ½" lateral male connection, possible from left or right
- Integrated drainage hole for quick evacuation
- Contents 7/13 l (2/3,5 gallons)

ACCESSORIES:

- **Heating element** with fixation for 130.6155, 24 V, 180 W
- **Height regulation without tools in stainless steel** (Order Ref. 101.0433, 2x) adjustable height range 50 cm, in 10 cm-steps



Order Ref.	Type	Packing Hints
130.6153	Trough in stainless steel 1,2 m, for sheep and goats	1 piece
130.6155	Trough in stainless steel 2,1 m, for sheep and goats	1 piece
101.0433	Height regulation without tools, in stainless steel	1 piece
131.6057	Heating element with fixation for 130.6155 + 130.6153, 24 V, 180 W	1 piece

Trough for geese

- For geese, completely made of **stainless steel**
- **With float valve - constant water level**, water flow up to 40 l/min
- Float valve cover can be pivoted upwards without use of tools
- ¾" lateral male connection
- For wall and ground fixation
- Integrated drainage hole Ø 100 mm for quick evacuation
- 20 cm water width, water depth 10 cm, external dimensions: 1,2 m/2,35 m, Content 23/44 l

RECOMMENDED FOR:

Geese



130.6163

130.6165

Order Ref.	Type	Packing Hints
130.6163	Trough for geese 1,2 m	1 St.
130.6165	Trough for geese 2,35 m	1 St.
131.0524	Heating element Mod. 524, 24 V, 80 W	1 St.



TABLE OF CONTENTS AND SYMBOL EXPLANATION

90 Drinking Bowls for Piglets



96 Drinking Bowls for Fattening Pigs



97 Drinking Bowls for Sows and Boars



98 Drinking Bowls for Sow with Piglets



102 Troughs for Sows in Groups



104 Nipple Drinkers for Piglets



105 Nipple Drinkers for Fattening Pigs



106 Nipple Drinkers for Sows and Boars



107 Spraying Nipples



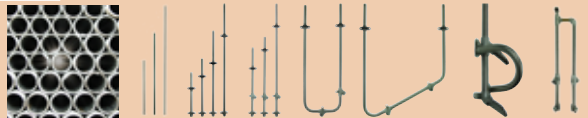
108 Pin Valves



109 Wall Angles



110 Stainless Steel Connection Pipes



114 Accessories for Installation



118 Fittings



All prices are valid for industrial, commercial and trade enquiries as well as for other individuals. All offers are subject to change; they become binding by our order confirmation and in case that parts are ex-stock upon delivery. Subject to availability we reserve the right to modify products resulting from further development, changes in model or type and cannot be held responsible for any printing errors. Due to the printing constraints the colors of products may sometimes differ to those shown in the catalogue. All prices in earlier catalogues or in price lists are superseded by those in this catalogue edition. Prices are to be understood ex works, packing excluded. Our general delivery conditions are valid, which we gladly send you upon request. Our contact address can be found on the rear.

Suited for:



Cattle,
Dairy Cows

Calves

Horses

Sheep

Goats

Pigs

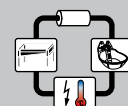
Piglets

Dogs

Symbols explanation:



Package unit:
2 pieces in blister



suited for installation into
a water circuit



Price group 2
Special conditions
are valid



Drinking Bowls for Pigs

The following describes our range of SUEVIA drinking bowls for pigs.

In this category you find drinking bowls, which are either made of high-quality cast iron, stainless steel or special plastic. We also offer a large range of nipple drinkers, spraying nipples and various pin valves. Our troughs have been developed on the basis of our long-term experience and cooperation with leading research institutions.

Enamelled cast iron drinking bowls produced by SUEVIA have been in use for the pig keeping for decades and are well known for their

- **robustness**
- **long life**
- **stain-resistance**
- **hygienic surface texture.**

Over the last few years the program has been extended with different stainless steel models.

We place special emphasis in designs that protect the drinking bowls against soiling. By using tube or pin valves dirt traps are eliminated. The service and the cleaning of drinking bowls can be done quickly and simply. The activation of the valves is easy and quickly grasped by the animals.





Especially for fattening pigs apart from proper drinking bowls, nipple drinkers are popular and are liked to be used in addition to the drinking bowls. The installation height of the nipple drinkers should be approx. 5 – 10 cm above the back height of the animals, so the pig's neck is stretched upwards when drinking.

Water flow can easily be regulated and adjusted in an optimal way to meet the needs of the animals on both the SUEVIA drinking bowls and SUEVIA Nipple drinkers by means of the regulation screw actuated from outside or by nozzles in the valves. Despite good adjustment possibilities nipple drinkers show a significantly higher water loss potential due to the animal's tendency to play with the valves. This in turn results in more slurry.

An optimal water supply is an important foundation for a healthy animal and lays the cornerstone for a successful venture.

Choose now the type of drinking facility yourself, which will best suit your needs!
The following table gives indications on the animal's water consumption, recommended flow rate and installation heights.

	Animal's weight	Ø Average water intake in liter /animal /day	Recommended water flow rate in l/min	Mounting height of drinking bowls in cm <small>(from the floor up to lower edge of bowl)</small>	Mounting height nipple drinker in cm <small>(from the floor up to lower edge of nipple)</small>
Piglets <small>(experienced: per weaned piglet approx. 1 l/10 kg of body weight)</small>	5	0,7	0,5	5 – 7	15
	10	1,0	0,5	8 – 12	30 – 50
	20	2,0	0,5 – 0,8	8 – 12	30 – 50
Fattening pigs <small>(Experienced: approx. 2,5 – 3 l of water/ kg feed intake)</small>	20 – 30	3 – 4	0,5 – 0,8	15 – 20	40 – 55
	30 – 80	4 – 8	0,8 – 1,2	15 – 20	60 – 75
	80 – 110	8 – 10	0,8 – 1,2	15 – 20	65 – 80
Sows	empty and in pig	8 – 12	1,2 – 1,8	25 – 35	90
	heavy in pig	10 – 15	1,2 – 1,8	25 – 35	90
	suckling with piglets	15 + 1,5 each piglet	2 – 4	–	90
Boars	–	10 – 15	1,2 – 1,8	30 – 40	90

Mentioning these installation heights it is the question of approximate values.
An individual adjustment has to be done according to the type of animal and intended use of drinkers.



DRINKING BOWLS FOR PIGLETS



Drinking Bowl Model 90

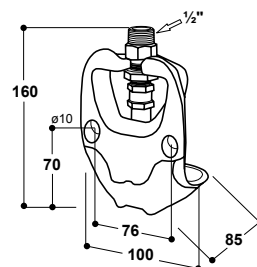
with brass valve

Order Ref. 100.0090

with stainless steel valve

Order Ref. 100.0909

- For suckling piglets up to 15 kg (33 lbs)
- Bowl made of **cast iron, completely enamelled**
- Smoothly running pin valve with **drip screw to attract newborn piglets to drink** (only in the version with brass valve)
- Water flow regulation by enlarging the nozzle boring
- ½" male connection from the top



RECOMMENDED FOR:

Piglets from birth up to 15 kg

Order Ref.	Type	Packing Hints
100.0090	Drinking bowl Mod. 90-MS, brass valve	5 pieces/box
100.0909	Drinking bowl Mod. 90-VA, stainless steel valve	5 pieces/box

INSIDER TIP!

Drinking the water very early on their own is very important for the piglet's growth!

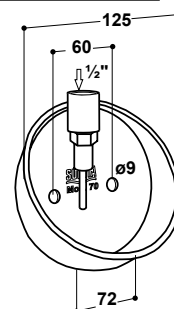
In order to reach this SUEVIA equipped the valve of Model 90 (with brass valve) **with a drip screw**. After birth the drip screw is loosened slightly. Some water drops run down alongside the valve and drip into the bowl, which **attracts the animals to drink** and to start very early **to drink water on their own** from the bowl.



Drinking Bowl Model 70

Order Ref. 100.0709

- For piglets from birth up to 15 kg
- Completely made of **first-class stainless steel**
- Smoothly running pin valve made of stainless steel with **5 water flow adjustment possibilities**, which enables a quick and exact adjustment of water flow
- ½" female connection from the top



RECOMMENDED FOR:

Piglets from birth up to 15 kg

Order Ref.	Type	Packing Hints
100.0709	Drinking bowl, Mod. 70, stainless steel	5 pieces/box





DRINKING BOWLS FOR PIGLETS



Drinking Bowl Model 140P

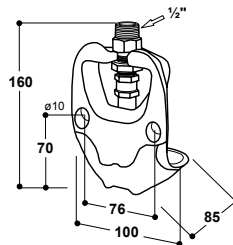
with brass valve

Order Ref. 100.0140

with stainless steel valve

Order Ref. 100.0149

- For piglets from birth up to 15 kg
- Bowl made of robust **AQUATHAN plastic**
- Smoothly running pin valve with **drip screw to attract newborn piglets to drink** (only in the version with brass valve)
- Water flow regulation by enlarging the nozzle boring
- ½" male connection from the top



RECOMMENDED FOR:

Piglets from birth up to 15 kg

Order Ref.	Type	Packing Hints
100.0140	Drinking Bowl Mod. 140P-MS, brass valve	5 pieces/box
100.0149	Drinking Bowl Mod. 140P-VA, stainless steel valve	5 pieces/box



INSIDER TIP!

When medicine is administered via the drinking water, respectively when aggressive water conditions are given, we recommend the use of SUEVIA drinking bowls made of cast iron and equipped with stainless steel valves.

Medicator Model 99

Order Ref. 100.0099

- Ideal for **administration of soluble medicine** to piglets in farrowing pens
- 10 l (2,5 gal) container with installed piglet drinking bowl Mod. 90
- Drinking bowl made of cast iron, completely enamelled
- With smoothly running **low pressure brass valve** with drip screw
- After fixation of the wall bracket (one inclusive in the scope of delivery) the medicator can easily be hooked at the separation wall of a farrowing pen
- For use in several pens additional wall brackets (Order Ref. 101.0333) can be ordered!

ACCESSORIES:

- **Wall bracket** for Model 99 (Order Ref. 101.0333)

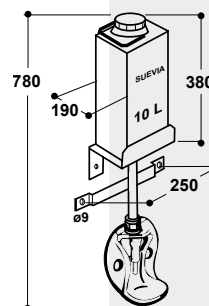
RECOMMENDED FOR:

Piglets from birth up to 15 kg

Order Ref.	Type	Packing Hints
100.0099	Medicator Mod. 99	2 pieces/box
101.0333	Wall bracket for Mod. 99	1 piece



101.0333
Wall bracket





DRINKING BOWLS FOR PIGLETS

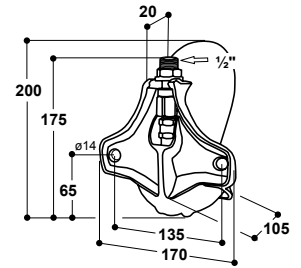


Drinking Bowl Model 92R

with stainless steel valve

Order Ref. 100.0929

- For piglets up to 35 kg
- Bowl made of **cast iron, completely enamelled**
- Smoothly running pin valve
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Hooded bowl design avoids fouling
- ½" male connection from the top



RECOMMENDED FOR:

Piglets

Order Ref.	Type	Packing Hints
100.0929	Drinking bowl Mod. 92R-VA, stainless steel valve	2 pieces/box

INSIDER TIP!

When medicine is administered via the drinking water, respectively when aggressive water conditions are given, we recommend the use of SUEVIA drinking bowls made of cast iron and equipped with stainless steel valves.



Drinking Bowl Model 72

Order Ref. 100.0728

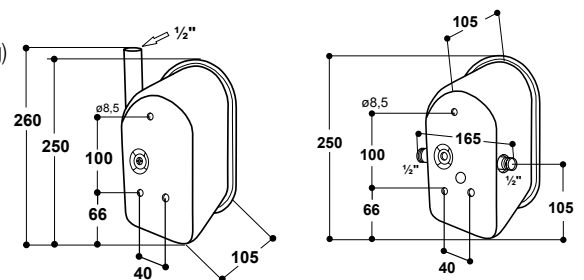
Drinking Bowl Model 72U

Order Ref. 100.0727

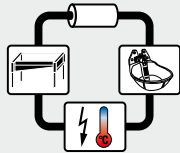
- For piglets up to 45 kg
- Made of **first-class stainless steel**
- Deep bowl and offset valve reduce water wastage to a minimum
- Hooded bowl design avoids fouling
- Smoothly running pin valve made of stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow
- Mod. 72: ½" female connection from the top
- Mod. 72U: Horizontal stainless steel pipe with ½" male connection for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312

RECOMMENDED FOR:

Weaners (piglets up to 45 kg)



Order Ref.	Type	Packing Hints
100.0728	Drinking bowl Mod. 72, stainless steel	1 piece/bag
100.0727	Drinking bowl Mod. 72U, stainless steel	1 piece/bag



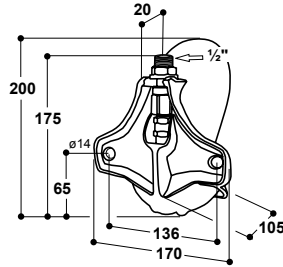


Drinking Bowl Model 170P

with stainless steel valve

Order Ref. 100.0179

- For piglets up to 25 kg
- Bowl made of robust **AQUATHAN plastic**
- Smoothly running pin valve
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Hooded bowl design avoids fouling
- ½" male connection from the top



RECOMMENDED FOR:

Piglets

Order Ref.	Type	Packing Hints
100.0179	Drinking Bowl Mod. 170P-VA, stainless steel valve	2 pieces/box

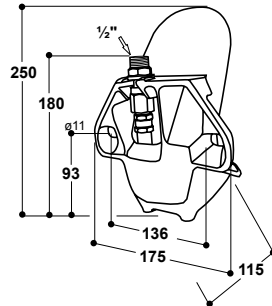


Drinking Bowl Model 93

with stainless steel valve

Order Ref. 100.0939

- For weaners from 7 to 45 kg
- Large drinking bowl made of **cast iron, completely enamelled**
- Smoothly running and offset pin valve reduce water wastage to a minimum
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Hooded bowl design avoids fouling
- ½" male connection from the top



RECOMMENDED FOR:

Weaners (piglets up to 45 kg)

Order Ref.	Type	Packing Hints
100.0939	Drinking bowl Mod. 93-VA, stainless steel valve	2 pieces/box



INSIDER TIP!

The offset valve prevents from playing with the valve and water wastage is reduced to a minimum!





TIP-OVER TROUGH FOR PIGLETS



Tip-Over Trough for Piglets

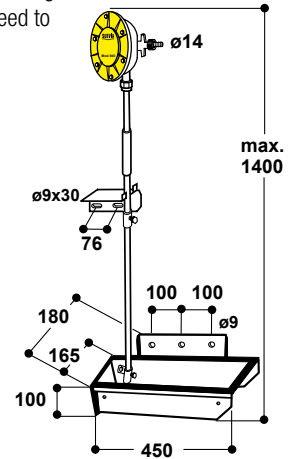
Model 899 with stainless steel trough

Order Ref. 130.0899

- Ideal for weaned piglets up to 35 kg
- Sufficient for 20 –30 animals. When used in bigger groups we recommend this trough in addition to SUEVIA Drinking Bowls or SUEVIA Nipple Drinkers
- Inclusive SUEVIA Vacuum Valve Model 940 and trough, which can be tipped over
- Lifting up the trough, dirt particles are flushed out of the trough by running water from the vacuum valve
- After weaning the **young piglets can drink immediately**, finding a bowl filled with water at their free disposal – they do not need to push the valve!
- Hose connection 14 mm with integrated quick shut-off-valve
- **Simple and easy cleaning due to tip-over-action**
- Water level continuously adjustable
- For water pressure from 1 – 5 bar
- Easy wall mounting
- Contents approx. 2,7 l

RECOMMENDED FOR:

Weaned piglets up to 35 kg



Order Ref.	Type	Packing Hints
130.0899	Tip-over trough for piglets Mod. 899, stainless steel trough	1 piece



INSIDER TIP!

With this simple drinking place even the weakest piglets have a chance to get some water to drink!





FEEDING PLATES FOR PIGLETS

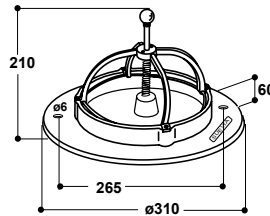
Feeding Plate Model 240

Order Ref. 160.0240

- For **feeding of suckling piglets** in the first 6 weeks of life in farrowing pen
- Can be used as additional drinking place in the first days
- Made of premium quality plastic
- Stainless steel ring prevents feed wastage
- Reliable fixation on all slats due to snap fixing device
- Contents 1,5 l

RECOMMENDED FOR:

Piglets from birth up to 15 kg in farrowing pen



Order Ref.	Type	Packing Hints
160.0240	Feeding plate Mod. 240	1 piece/bag

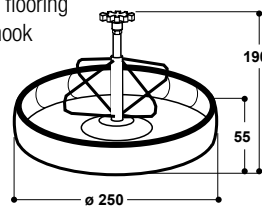
Feeding Plate Model 290

Order Ref. 130.0290

- For **feeding of suckling piglets** in the first 6 weeks of life in farrowing pen
- Made of **first-class stainless steel**
- With spring locking device for fixation on slats / slatted flooring
- An arrow on locking grip shows orientation of locking hook
- Contents 2 l

RECOMMENDED FOR:

Piglets from birth up to 15 kg in farrowing pen

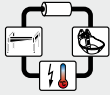


Order Ref.	Type	Packing Hints
130.0290	Feeding plate Model 290, stainless steel	6 pieces/box





DRINKING BOWLS FOR FATTENING PIGS



INSIDER TIP!

When **aggressive water conditions** are given, we recommend the use of SUEVIA drinking bowls, made of cast iron equipped with **stainless steel valves**.

Drinking Bowl Model 95S

with stainless steel valve

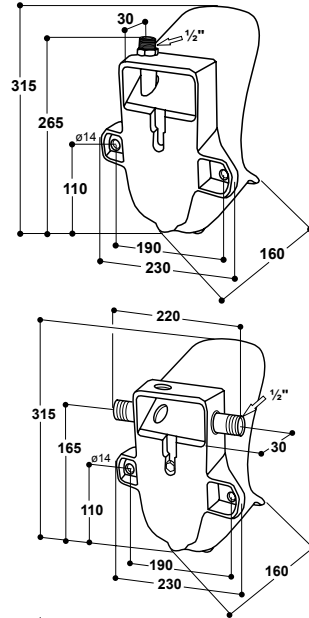
Order Ref. 100.1959

Drinking Bowl Model 95U

with stainless steel valve

Order Ref. 100.2959

- For fattening pigs from 20 kg (45 lbs)
- Large bowl made of **cast iron, completely enamelled** offers maximum possible stability, **robust quality and hygienic surface!**
- Offset tube-valve and deep bowl reduce water wastage to a minimum
- Animal friendly, hooded bowl design avoids fouling
- Mod. 95S: Water flow continuously adjustable from outside by means of a regulation screw; ½" male connection from the top
- Mod. 95U: ½" male stainless steel horizontal connection pipe for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312. Pin valve in stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow



RECOMMENDED FOR:

Fattening pigs

Order Ref.	Type	Packing Hints
100.1959	Drinking bowl Mod. 95S-VA, stainless steel valve	1 piece/box
100.2959	Drinking bowl Mod. 95U-VA, stainless steel valve	1 piece/box

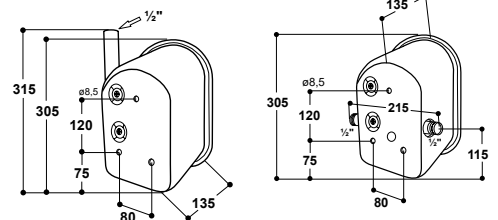
Drinking Bowl Model 74

Order Ref. 100.0748

Drinking Bowl Model 74U

Order Ref. 100.0747

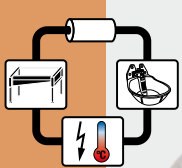
- For **fattening pigs from 20 kg (45 lbs)**
- Drinking bowl made of **first-class stainless steel**
- Deep bowl and offset pin valve reduce water wastage to a minimum
- **Hooded bowl design avoids fouling**
- Smoothly running pin valve in stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow
- Mod. 74: ½" female connection from the top
- Mod. 74U: Horizontal stainless steel pipe with ½" male connection for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312



RECOMMENDED FOR:

Fattening pigs

Order Ref.	Type	Packing Hints
100.0748	Drinking bowl Mod. 74, stainless steel	1 piece/bag
100.0747	Drinking bowl Mod. 74U, stainless steel	1 piece/bag





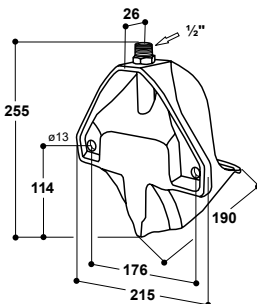
DRINKING BOWLS FOR SOWS AND BOARS



Drinking Bowl Model 96 with stainless steel valve

Order Ref. 100.0969

- For sows and boars
- Large drinking bowl made of **cast iron, completely enamelled, robust quality and hygienic surface!**
- Solid tube valve in stainless steel
- **Water flow continuously adjustable** from outside by means of a regulation screw
- ½" male connection from the top



RECOMMENDED FOR:

Sows, boars



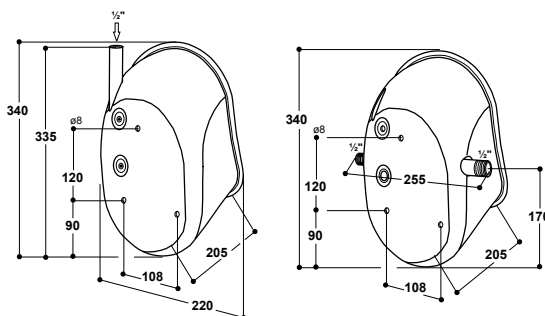
Order Ref.	Type	Packing Hints
100.0969	Drinking bowl Mod. 96-VA, stainless steel valve	1 piece/box

Drinking Bowl Model 76 Drinking Bowl Model 76U

Order Ref. 100.0768

Order Ref. 100.0767

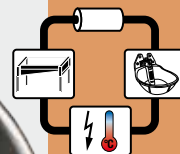
- For **sows and boars** (or weaned piglets till fattening)
- Drinking bowl made of **first-class stainless steel**
- Deep bowl and offset pin valve reduce water wastage to a minimum
- **Hooded bowl design avoids fouling**
- Smoothly running pin valve in stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow
- Mod. 76: ½" female connection from the top
- Mod. 76U: ½" male stainless steel horizontal connection pipe for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312



RECOMMENDED FOR:

Sows, boars

Order Ref.	Type	Packing Hints
100.0768	Drinking bowl Mod. 76, stainless steel	1 piece/bag
100.0767	Drinking bowl Mod. 76U, stainless steel	1 piece/bag





DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN



Drinking Bowl

Model 20 with stainless steel valve

Order Ref. 100.0209

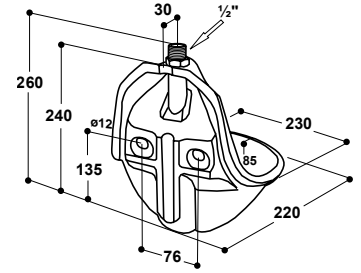
- Bowl made of **cast iron, completely enamelled**
- Smoothly running stainless steel tube valve with 1/2" male connection from the top
- Calm water flow through tube valve
- **Water flow continuously adjustable from outside** by means of a regulation screw
- When used in farrowing pens as drinking bowl for the sow and piglets : floor installation next to the feeder. Additional Installation of **valve protection** (Order Ref. 102.0255) is highly recommended!

ACCESSORIES:

- **1 fixing bracket** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes
- **1 valve protection bracket** for Model 20 (Order Ref. 102.0255)

RECOMMENDED FOR:

Sow with piglets in farrowing pen, sows, boars



Order Ref.	Type	Packing Hints
100.0209	Drinking bowl Mod. 20-VA 1/2", stainless steel valve	1 piece/box
131.0169	Fixing bracket M12 1 1/2"-2", galvanized	1 piece/bag
102.0255	Valve protection bracket	1 piece



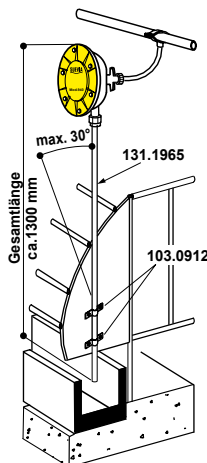


DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN

Vacuum Valve Model 940

Order Ref. 130.0940

- **Water flow starts automatically** when animals drink out of the trough
- Designed to fill troughs with max. length of 15 m (49') and provide constant water level
- Flexible pipe equipped (13 mm hose connection) with **installed ½" quick shut-off-valve**: water flow stops as soon as the hose connection is loosened from the vacuum valve by means of half turn. It is not necessary to install an additional ball cock!
- For water pressure 1 – 5 bar
- Connection of the stainless steel pipe with the vacuum valve by a simple plug-in connection into the cage of the vacuum valve: no further threading necessary!
- Made of first-class plastic
- ½" stainless steel feed pipe (Order Ref. 131.1965), 1100 mm long, available on demand!!



ACCESSORIES:

- ½" stainless steel pipe (Order Ref. 131.1965) 1100 mm (43") long

RECOMMENDED FOR:

Pigs

Order Ref.	Type	Packing Hints
130.0940	Vacuum valve Mod. 940	1 piece/bag
131.1965	Stainless steel pipe ½" 1,1 m, for vacuum valve	1 piece

Bowl Model 20

ready for installation of a SUEVIA Vacuum Valve

Order Ref. 100.0208

- Bowl made of **cast iron, completely enamelled**
- For installation into farrowing pen
- Stainless steel attachment screw inclusive for fixation of vacuum valve

ACCESSORIES:

- **Vacuum valve** (Order Ref. 130.0940), enables automatic water flow into the bowl when water is drunk away
- ½" stainless steel pipe (Order Ref. 131.1965)
- **1 fixing bracket** (Order Ref. 131.0169) for fixation on 1½" – 2" pipes

RECOMMENDED FOR:

Sow with piglets in farrowing pen, sows, boars

Order Ref.	Type	Packing Hints
100.0208	Bowl Mod. 20	1 piece/box
130.0940	Vacuum valve Mod. 940	1 piece/bag
131.1965	Stainless steel pipe ½" 1,1 m, for vacuum valve	1 piece
131.0169	Fixing bracket M12 1½" - 2", galvanized	1 piece/bag



View on quick shut-off-valve



130.0940



131.1965

100.0208



INSIDER TIP!

By the use of a vacuum valve in a Mod. 20 bowl water losses are reduced to a minimum





DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN



EDELSTAHL
**Rost
frei**
STAINLESS STEEL



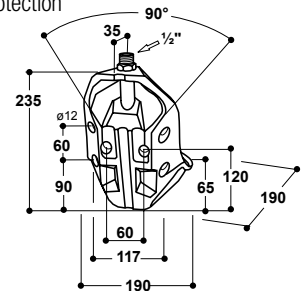
102.0262

131.0152

Drinking Bowl with Drink Inducer Model 370 with stainless steel valve

Order Ref. 100.0379

- Bowl made of **cast iron, completely enamelled**, easy to clean
- Smoothly running stainless steel tube valve even at high water pressure of max. 6 bar
- **With enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- **Water flow continuously adjustable from outside** by means of a regulation screw
- When used in farrowing pens as drinking bowl for the sow and piglets : floor installation next to the feeder. Additional Installation of valve protection (Order Ref. 102.0262) is highly recommended!



ACCESSORIES:

- **1 fixing bracket** (Order Ref. 131.0152), for fixation on 1" – 1½" pipes
- **1 protection bracket** for Model 370 (Order Ref. 102.0262)

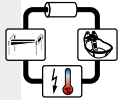
RECOMMENDED FOR:

Sow with piglets in farrowing pen, sows

Order Ref.	Type	Packing Hints
100.0379	Drinking bowl Mod. 370 -VA½", stainless steel valve	1 piece/box
131.0152	Fixing bracket M10 1"-1½", galvanized	1 piece
102.0262	Valve protection bracket	1 piece



EDELSTAHL
**Rost
frei**
STAINLESS STEEL

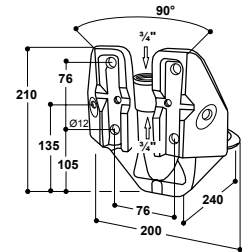


100.3759

NEW! Drinking Bowl with Drink Inducer Model 375 with ¾" stainless steel valve

Order Ref. 100.3759

- Bowl made of **cast iron, completely enamelled**, easy to clean
- **Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- With **enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- ¾" female connection from top and bottom: **suited for installation into water circuits!**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169), for fixation on 1" – 1½" pipes
- **Connection set for ¾" water circuits** (Order Ref. 103.1983), made of stainless steel

RECOMMENDED FOR: Sow with piglets in farrowing pen, sows

Order Ref.	Type	Packing Hints
100.3759	Drinking bowl Mod. 375-VA¾", stainless steel valve	1 piece/box
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag
102.0249	Valve protection, for Mod. 25R, 12P, 18P, 46, 375, 1200, 1200P	1 piece



103.1983



131.0169



131.0169



102.1127



102.0249





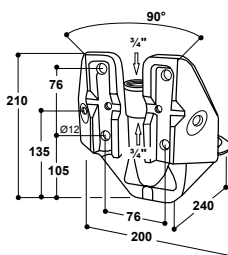
DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN

NEW! Heated Drinking Bowl with Drink Inducer

Model 375-H with 3/4" stainless steel valve

Order Ref. 100.3758

- Bowl is **frost-protected** with an integrated bowl heating 24 V, 40 W. Valve will be frost-protected with the circuit pipe and integrated into a water circuit. Thermostat must be used for automatic switch on/off of transformer. Cables must be protected against bites on site.
- Bowl made of **cast iron, completely enamelled**, easy to clean
- **Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- With **enticement basin** behind the tube valve, which encourages the animals to drink on their own
- Calm water flow through tube valve
- 3/4" female connection from top and bottom: **suited for installation into water circuits!**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169), for fixation on 1" – 1½" pipes
- **Connection set for 3/4" water circuits** (Order Ref. 103.1983), made of stainless steel
- **Mounting support** for Mod. 375-H (Order Ref. 102.1713), made of stainless steel (recommendation: mounting of the drinker with 4 stainless steel bolts VA M10x35 or M12x35. If you use locking nuts, than the bolts must be 5 mm longer.)

RECOMMENDED FOR: Sow with piglets in farrowing pen, sows

Order Ref.	Type	Packing Hints
NEW! 100.3758	Drinking bowl Mod. 375-H-VA¾", stainless steel valve	1 piece/box
NEW! 102.1713	Mounting support for Mod. 375-H	1 piece
101.0322	Transformer 230/24 V, 50 W	1 piece/box
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag
102.0249	Valve protection, for Mod. 25R, 12P, 18P, 46, 375, 1200, 1200P	1 piece



NEW!





TROUGH DRINKERS FOR SOWS IN GROUPS

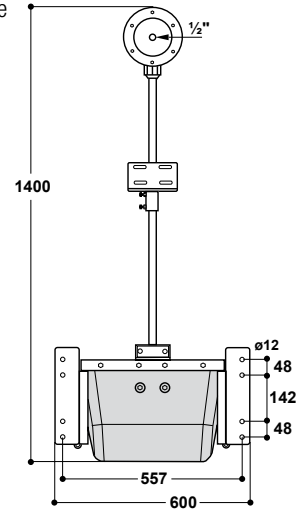


Tip-Over Trough for Sows Model 910

Order Ref. 130.9100

- Bowl made of **premium quality plastic** with **bite protection rim in stainless steel**
- Due to very **solid galvanized steel frame** the trough is protected in an ideal way from lateral impacts or blows by the animals and can easily be mounted on the wall.
- SUEVIA **vacuum valve** Model 940 and ½" stainless steel pipe **inclusive**
- **Quick and easy cleaning** by tipping the bowl, the running water coming from the vacuum valve flushes the trough in addition
- Suited for 10 – 20 animals
- 13 mm hose connection with integrated quick shut-off valve
- Water level adjustable
- For water pressure 1 – 5 bar
- Easy wall fixation
- Contents up to 14 l

RECOMMENDED FOR:
Sows in groups



Order Ref.	Type	Packing Hints	
130.9100	Tip-over trough for sows Mod. 910, with vacuum valve	1 piece	
130.9101	Tip-over trough for sows Mod. 910, without vacuum valve	1 piece	



INSIDER TIP!

Quick and easy cleaning by tipping the bowl!
Fodder remnants, which are carried into the trough by the animals, can easily be flushed by tipping the bowl.

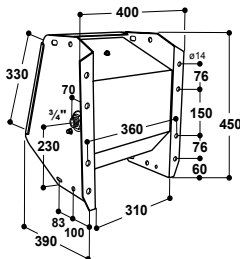


Valve Trough Drinker for Sows Model 502

Order Ref. 130.5020



- Ideal for sows in groups – **space-saving, easy cleaning design!**
- Completely made of **stainless steel**
- Water flow of up to **30 l/min** permits a continual and efficient watering of the animals
- Valve operation via broad and smoothly running valve flap
- Weight-loaded valve, adjustable for high and low water pressure
- **Always fresh and clean water for your animals:** due to water flow and special design of the bowl: feed rests are flushed by the running water and drunk by the animals at the same time
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or pipe mounting
- **3/4" male connection from right or left side** is possible by changing the valve from right to left or vice versa
- Subsequent installation of a heating element possible (Order Ref. 131.0523)



RECOMMENDED FOR:

Sows in groups

Frost protection by heating element

If frost protection in case of Model 502 is desired, a **heating element** (24 V) is fixed under the trough. In order to ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) is wrapped around the feed pipe and connected to the heating element in parallel to the power supply cable, coming from the transformer. The heating cable and the water line have to be insulated, however, additionally and protected against biting. For power supply a **SUEVIA Transformer** 230/24 V is necessary (for correct choice of transformer see p. 25). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed.

- **For Model 502:** Heating element Model 523 (Order Ref. 131.0523), 24 V, 80 W, to maintain the water frost-protected in the trough
- **For extremely cold areas a subsequent installation of valve heating Model 527** (24 V, 7 W, Order Ref. 131.527) is recommended for increased frost protection (suited for both troughs).

Frost-free feed pipe

To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the feed pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer. If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).

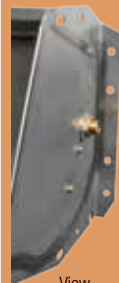
Integration into a water circuit line

- In combination with a SUEVIA **connection set for 3/4" water circuits** (Order Ref. 103.1984) an easy integration of the trough into a water -circuit is possible! For connection to a water circuit we recommend SUEVIA **heating units** Model 300/303 (Order Ref. 101.0300/101.0303), Model 311 (Order Ref. 101.0311) or Model 312 (Order Ref. 101.0312).
- In order to prevent water in the bowl from freezing, use additionally, as described above, heating element Model 523 or the valve heating Model 527. Transformer necessary!

Order Ref.	Type	Packing Hints
130.5020	Valve trough drinker for sows, Mod. 502	1 piece
131.0523	Heating element Mod. 523, 24 V, 80 W	1 piece
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1984	Connection set for 3/4" water circuits	1 piece/bag



with extension as protection against blows of animals



View from right side



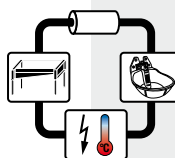
131.0523



101.1099



Valve heating (Ref. 131.0527)



103.1984



2 m: 101.0861
3 m: 101.1863



INSIDER TIP!

Always fresh and clean water for your animals!

Due to water flow and special design of the bowl, feed rests are flushed by the running water and drunk by the animals at the same time.



NIPPLE DRINKERS FOR PIGLETS

ALL NIPPLE DRINKERS ARE AVAILABLE AS BLISTER

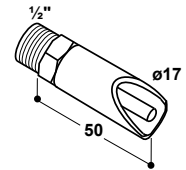


180.0304-2

Nipple Drinker for Piglets Model 304

Order Ref. 180.0304

- Mouthpiece made of stainless steel (Ø 17 mm)
- Water flow regulation by enlarging the nozzle boring
- 1/2" male connection



Order Ref.	Type	Packing Hints
180.0304	Nipple drinker for piglets, Mod. 304	1 piece
180.0304-2	Nipple drinker for piglets, Mod. 304 (2 pieces in blister)	

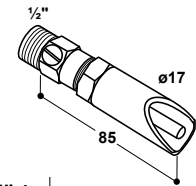


180.0323-2

Nipple Drinker for Piglets Model 323

Order Ref. 180.0323

- Mouthpiece made of stainless steel (Ø 17 mm)
- **Water flow continuously adjustable** from outside by means of a regulation screw
- 1/2" male connection



Order Ref.	Type	Packing Hints
180.0323	Nipple drinker for piglets, Mod. 323	1 piece
180.0323-2	Nipple drinker for piglets, Mod. 323 (2 pieces in blister)	

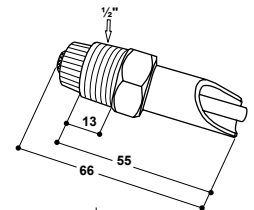


180.1290-3

Nipple Drinker for Piglets Model 1290

Order Ref. 180.1290

- Completely made of stainless steel
- Mouthpiece (Ø 16 mm)
- With filter and 3 water flow adjustment possibilities
- 1/2" male connection



Order Ref.	Type	Packing Hints
180.1290	Nipple drinker for piglets, Mod. 1290	20 pieces/box
180.1290-2	Nipple drinker for piglets, Mod. 1290 (3 pieces in blister)	



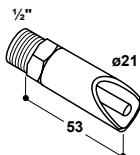


NIPPLE DRINKERS FOR FATTENING PIGS

Nipple Drinker for Fattening Pigs Model 305

Order Ref. 180.0305

- Mouthpiece made of stainless steel (Ø 21 mm)
- Water flow regulation by enlarging the nozzle boring
- ½" male connection



Order Ref.	Type	Packing Hints
180.0305	Nipple drinker for fattening pigs, Mod. 305	1 piece
180.0305-2	Nipple drinker for fattening pigs, Mod. 305 (2 pieces in blister)	



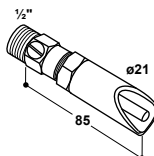
180.0305-2



Nipple Drinker for Fattening Pigs Model 324

Order Ref. 180.0324

- Mouthpiece made of stainless steel (Ø 22 mm)
- **Water flow continuously adjustable** from outside by means of a regulation screw
- ½" male connection



Order Ref.	Type	Packing Hints
180.0324	Nipple drinker for fattening pigs, Mod. 324	1 piece
180.0324-2	Nipple drinker for fattening pigs, Mod. 324 (2 pieces in blister)	



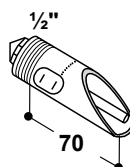
180.0324-2



Nipple Drinker for Fattening Pigs Model 293

Order Ref. 180.0293

- Mouthpiece (Ø 21 mm)
- Completely made of **first-class stainless steel**
- With red regulation cap for 5 water flow adjustment possibilities
- ½" male connection



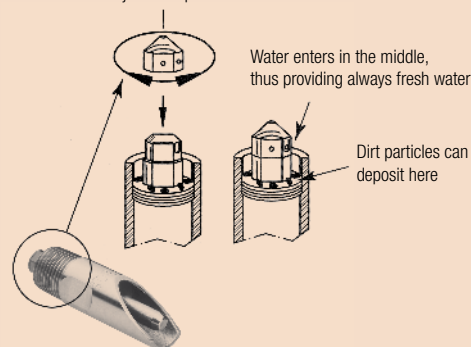
Order Ref.	Type	Packing Hints
180.0293	Nipple drinker for fattening pigs, Mod. 293	1 piece
180.0293-2	Nipple drinker for fattening pigs, Mod. 293 (2 pieces in blister)	



180.0293-2



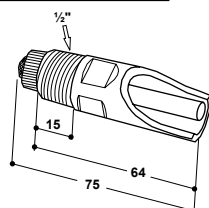
5 adjustment possibilities



Nipple Drinker for Fattening Pigs Model 1292

Order Ref. 180.1292

- Completely made of stainless steel
- Mouthpiece (Ø 21 mm)
- With filter and 3 water flow adjustment possibilities
- ½" male connection



Order Ref.	Type	Packing Hints
180.1292	Nipple drinker for fattening pigs, Mod. 1292	20 pieces/box
180.1292-3	Nipple drinker for fattening pigs, Mod. 1292 (3 pieces in blister)	



180.1292-3





NIPPLE DRINKERS FOR SOWS AND BOARS

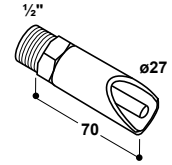


180.0306-2

Nipple Drinker for Sows and Boars Model 306

Order Ref. 180.0306

- Mouthpiece made of stainless steel (Ø 27 mm)
- Water flow regulation by enlarging the nozzle boring
- ½" male connection



Order Ref.	Type	Packing Hints
180.0306	Nipple drinker for sows and boars, Mod. 306	1 piece
180.0306-2	Nipple drinker for sows and boars, Mod. 306 (2 pieces in blister)	



180.0329-1

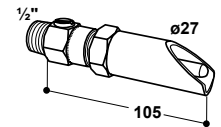


180.0326-1

Nipple Drinker for Sows and Boars Model 329

Order Ref. 180.0329

- Mouthpiece made of stainless steel (Ø 27 mm)
- **Water flow continuously adjustable** from outside by means of a regulation screw
- ½" male connection



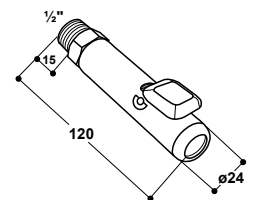
Order Ref.	Type	Packing Hints
180.0329	Nipple drinker for sows and boars, Mod. 329	1 piece
180.0329-1	Nipple drinker for sows and boars, Mod. 329 (1 piece in blister)	



180.0326-1

Nipple Drinker for Sows and Boars Model 326

- Robust mouthpiece **made of stainless steel**
 - Easy adjustment of water quantity to the existing water pressure by exchanging the enclosed nozzles
 - ½" male connection
- 180.0326-1 Connection in brass
180.0330-1 Connection in stainless steel



Order Ref.	Type	Packing Hints
180.0326-1	Nipple drinker for sows and boars Mod. 326-MS½" (1 piece in blister)	
180.0330-1	Nipple drinker for sows and boars Mod. 326-VA½" (1 piece in blister)	

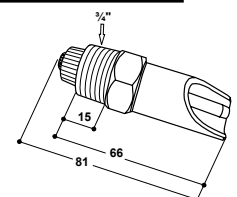


180.0330-1

Nipple Drinker for Sows and Boars ¾" Model 1295

Order Ref. 180.1295

- Completely made of stainless steel
- Mouthpiece (Ø 24 mm)
- With filter and 3 water flow adjustment possibilities
- ¾" male connection



Order Ref.	Type	Packing Hints
180.1295	Nipple drinker for sows and boars ¾" Mod. 1295	1 piece
180.1295-2	Nipple drinker for sows and boars ¾" Mod. 1295 (2 pieces in blister)	

180.1295



180.1295-2

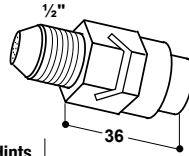




Spraying Nipple for Pigs Model 530

Order Ref. 180.0530

- For installation above the feeding trough
- Made of brass, with slot
- ½" male connection



Order Ref.	Type	Packing Hints
180.0530	Spraying nipple Mod. 530	1 piece
180.0530-2	Spraying nipple Mod. 530 (2 pieces in blister)	2

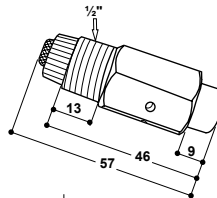


180.0530-2

Spraying Nipple for Pigs, Sows and Boars Model 1294

Order Ref. 180.1294

- For installation above the feeding trough
- **Completely made of stainless steel**
- With filter and 3 water flow adjustment possibilities
- ½" male connection



Order Ref.	Type	Packing Hints
180.1294	Spraying nipple Mod. 1294	20 pieces/box
180.1294-3	Spraying nipple Mod. 1294 (3 pieces in blister)	3



180.1294-3

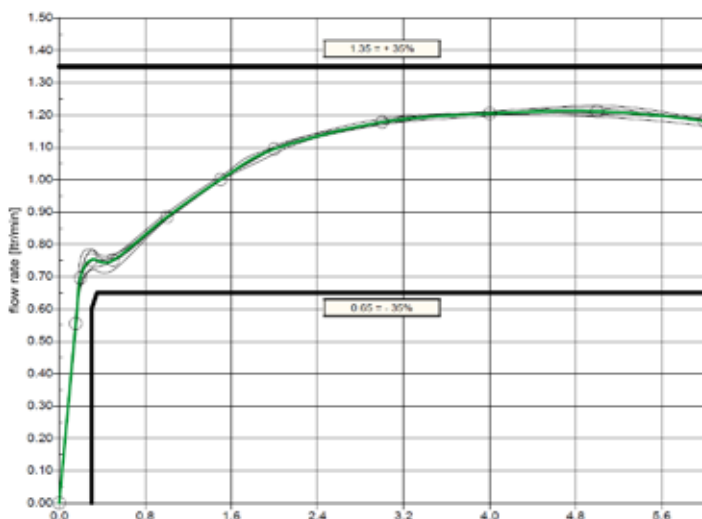
Flow rate regulators

- The flow rate regulator controls the amount of water automatically, independent from the pressure of a constant flow rate.
- For installation in Nipple drinker 180.1177, 180.1290, 180.1292, by exchange with the nozzle

Order Ref.	Type	Packing Hints
181.1102	Flow rate regulator 0,25 l/min. white, piglets	1 piece
181.1105	Flow rate regulator 0,5 l/min. yellow, piglets and weaned piglets	1 piece
181.1110	Flow rate regulator 1,0 l/min. pink, fattening pigs, boars and sows (empty and full)	1 piece
181.1125	Flow rate regulator 2,5 l/min. green, full sows	1 piece



Flow-rate chart for 181.1110: Flow-rate regulator 1,0 l/min





PIN VALVES



180.0550-2 180.0559-2



Pin Valve for Pigs

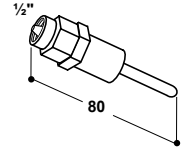
Model 550 in brass

Order Ref. 180.0550

Model 559 in stainless steel

Order Ref. 180.0559

- For installation above the feeding trough or into automatic feeders
- 1/2" female connection, inclusive sealing
- Water flow regulation by enlarging the nozzle boring



Order Ref.	Type	Packing Hints
180.0550	Pin valve Mod. 550, brass	1 piece
180.0550-2	Pin valve Mod. 550, brass (2 pieces in blister)	
180.0559	Pin valve Mod. 559, stainless steel	1 piece
180.0559-2	Pin valve Mod. 559, stainless steel (2 pieces in blister)	



180.0895-2

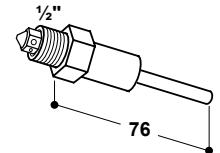


Pin Valve for Piglets

Model 895

Order Ref. 180.0895

- Completely made of **stainless steel**
- For installation above the feeding trough or into automatic feeders
- 1/2" male connection
- With red regulation cap for 5 possibilities of easy adjustment of water flow quantity



Order Ref.	Type	Packing Hints
180.0895	Pin valve Mod. 895, stainless steel	1 piece
180.0895-2	Pin valve Mod. 895, stainless steel (2 pieces in blister)	



180.0890-2

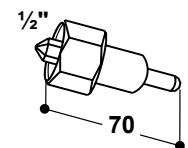


Pin Valve for Fattening Pigs

Model 890

Order Ref. 180.0890

- Completely made of **stainless steel**
- For installation above the feeding trough or into automatic feeders
- 1/2" female connection, inclusive sealing
- With red regulation cap for 5 water flow adjustment possibilities



Order Ref.	Type	Packing Hints
180.0890	Pin valve Mod. 890, stainless steel	1 piece
180.0890-2	Pin valve Mod. 890, stainless steel (2 pieces in blister)	



180.1177-3

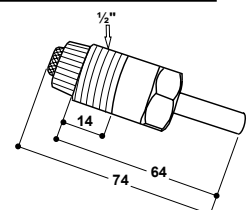


Pin Valve for Pigs, Sows and Boars

Model 1177

Order Ref. 180.1177

- Suited for Mod. 72, 74, 76, 72U, 74U and 76U
- Completely made of **stainless steel**
- With filter and 3 water flow adjustment possibilities
- 1/2" male connection



Order Ref.	Type	Packing Hints
180.1177	Pin valve Mod. 1177, stainless steel	1 piece
180.1177-3	Pin valve Mod. 1177, stainless steel (3 pieces in blister)	



Double Wall Angle Model 314

Order Ref. 101.0314

- Made of first-class **cast iron**, painted, with two fixation lugs
- 1/2" female connection thread from the top
- Two 1/2" female exits, inclination 15°

Order Ref.	Type	Packing Hints
101.0314	Double wall angle, Mod. 314, Exit 2x 1/2", 15°	1 piece

Wall Angle Model 315

Order Ref. 101.0315

- Made of first-class **cast iron**, painted, with two fixation lugs
- 1/2" female connection thread from the top
- 1/2" female exit, inclination 25°

Order Ref.	Type	Packing Hints
101.0315	Wall angle Mod. 315, Exit 1x 1/2", 25°	1 piece

Wall Angle Inclination 15° Inclination 30°

Order Ref. 101.0325

Order Ref. 101.1964

- Made of **stainless steel**, with two fixation lugs
- 1/2" female connection thread from the top
- 1/2" female exit, inclination 15° or 30°

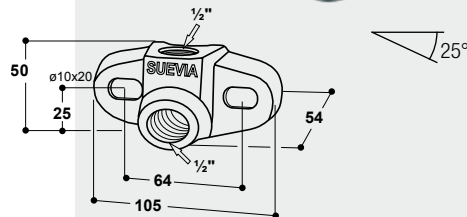
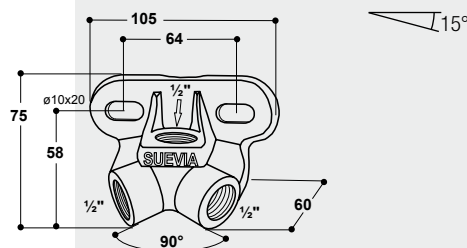
Order Ref.	Type	Packing Hints
101.0325	Wall angle Mod. 325, Exit 1x 1/2", 15°, stainless steel	1 piece
101.1964	Wall angle Mod. 1964, Exit 1x 1/2", 30°, stainless steel	1 piece

Wall Angle Model 328

Order Ref. 101.0328

- Made of first-class **cast iron**, painted, with two fixation lugs
- 1/2" female connection thread
- Connection from top and bottom, **suited for water circuits**
- 1/2" female exit, inclination 10°

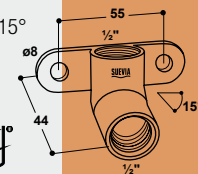
Order Ref.	Type	Packing Hints
101.0328	Wall angle Mod. 328, Exit 1x 1/2", 10°	1 piece



101.0325



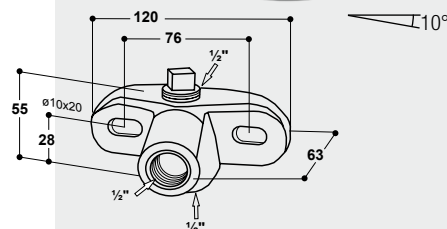
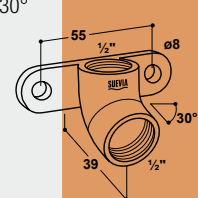
15°



101.1964



30°





STAINLESS STEEL CONNECTION PIPES

**SPECIAL LENGTHS
UPON REQUEST**



Stainless Steel Connection Pipes 1/2" m/m

- Straight pipe made of stainless steel
- 1/2" male/male connection

Order Ref.	Type	Packing Hints
103.1938	Connection pipe stainless steel 1/2", 10 cm, straight, m, m	1 piece
103.1939	Connection pipe stainless steel 1/2", 15 cm, straight, m, m	1 piece
102.1255	Connection pipe stainless steel 1/2", 19 cm, straight, m, m	1 piece
103.1934	Connection pipe stainless steel 1/2", 25 cm, straight, m, m	1 piece
103.1935	Connection pipe stainless steel 1/2", 35 cm, straight, m, m	1 piece
103.1941	Connection pipe stainless steel 1/2", 50 cm, straight, m, m	1 piece
103.1942	Connection pipe stainless steel 1/2", 75 cm, straight, m, m	1 piece
103.1943	Connection pipe stainless steel 1/2", 100 cm, straight, m, m	1 piece
103.1948	Connection pipe stainless steel 1/2", 125 cm, straight, m, m	1 piece
103.1949	Connection pipe stainless steel 1/2", 150 cm, straight, m, m	1 piece

Stainless Steel Connection Pipes 1/2" f/m

- Straight pipe made of stainless steel
- 1/2" female/male connection

Order Ref.	Type	Packing Hints
103.1931	Connection pipe stainless steel 1/2", 50 cm, straight, f, m	1 piece
103.1932	Connection pipe stainless steel 1/2", 75 cm, straight, f, m	1 piece
103.1933	Connection pipe stainless steel 1/2", 100 cm, straight, f, m	1 piece

Stainless Steel Connection Pipes 3/4" m/m

- Straight pipe made of stainless steel
- 3/4" male/male connection

Order Ref.	Type	Packing Hints
103.1993	Connection pipe stainless steel 3/4", 10 cm, straight, m, m	1 piece
103.1994	Connection pipe stainless steel 3/4", 15 cm, straight, m, m	1 piece
102.1127	Connection pipe stainless steel 3/4", 19 cm, straight, m, m	1 piece
132.1256	Connection pipe stainless steel 3/4", 22 cm, straight, m, m	1 piece
103.1995	Connection pipe stainless steel 3/4", 50 cm, straight, m, m	1 piece
103.1996	Connection pipe stainless steel 3/4", 75 cm, straight, m, m	1 piece
103.1997	Connection pipe stainless steel 3/4", 100 cm, straight, m, m	1 piece
103.1998	Connection pipe stainless steel 3/4", 125 cm, straight, m, m	1 piece
103.1999	Connection pipe stainless steel 3/4", 150 cm, straight, m, m	1 piece

Hose Nipple in Stainless Steel 1/2"

- Depending on hose nipple type, with 1/2" male or 1/2" female thread

Order Ref.	Type	Packing Hints
103.1971	Hose nipple, stainless steel, 1/2" male	1 piece
103.1972	Hose nipple, stainless steel, 1/2" female, with sealing	1 piece



STAINLESS STEEL CONNECTION PIPES

Stainless Steel Connection Pipes

one exit

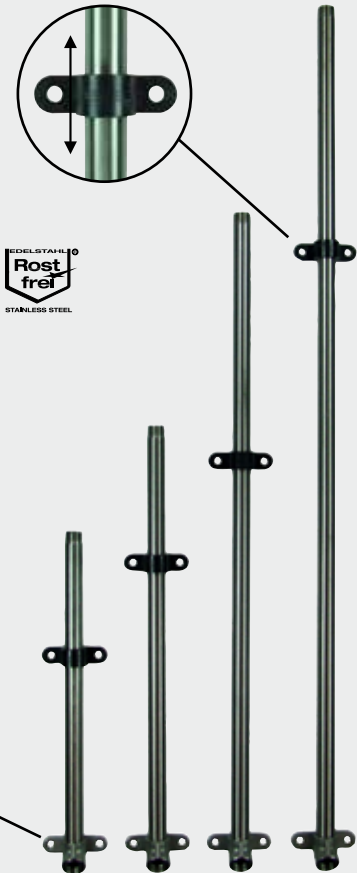
- With one exit ½" female thread, inclination 30°
- ½" male connection
- With fixing clips
- **Movable upper clip** ensures safe fixation on all different types of separating walls!

Order Ref.	Length approx. [cm]	Fixing Clips
103.1905	38	1 + 1 movable
103.1906	50	1 + 1 movable
103.1907	75	1 + 1 movable
103.1908	100	1 + 1 movable

Order Ref.	Type	Packing Hints
103.1905	Connection pipe stainless steel ½", 1x f exit 30°, m connection, 38 cm	1 piece
103.1906	Connection pipe stainless steel ½", 1x f exit 30°, m connection, 50 cm	1 piece
103.1907	Connection pipe stainless steel ½", 1x f exit 30°, m connection, 75 cm	1 piece
103.1908	Connection pipe stainless steel ½", 1x f exit 30°, m connection, 100 cm	1 piece



Reduced risk of injuries due to smaller distance to the wall



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Stainless Steel Connection Pipes

two exits

- With two exits: ½" female thread, inclination 30°
- ½" male connection
- With fixing clips
- **Movable upper clip** ensures safe fixation on all different types of separating walls!

Order Ref.	Length approx. [cm]	Fixing clips
103.1914	60	2 + 1 movable
103.1915	70	2 + 1 movable
103.1916	100	2 + 1 movable

Order Ref.	Type	Packing Hints
103.1914	Connection pipe stainless steel ½", 2x f exits 30°, m connection, 60 cm	1 piece
103.1915	Connection pipe stainless steel ½", 2x f exits 30°, m connection, 70 cm	1 piece
103.1916	Connection pipe stainless steel ½", 2x f exits 30°, m connection, 100 cm	1 piece

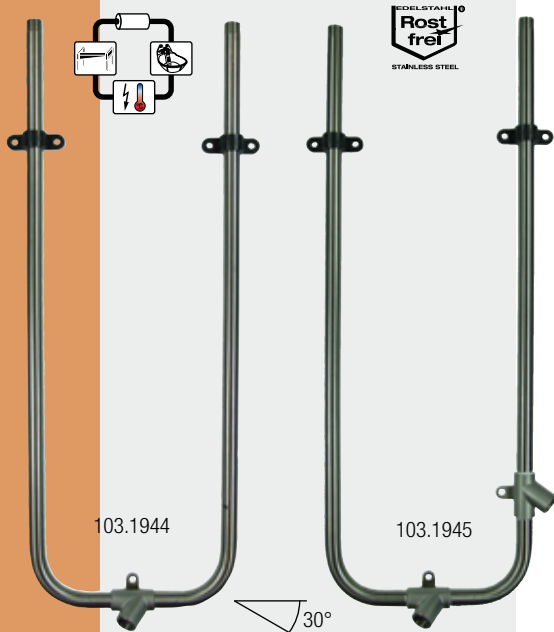
Nipple drinker installation
with protection bracket
103.1953,
see page 113



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STAINLESS STEEL



STAINLESS STEEL CONNECTION PIPES



Circuit Pipe

1 horizontal exit

Order Ref. 103.1944

- Made of stainless steel, with one exit: ½" female
- ½" male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 26 cm

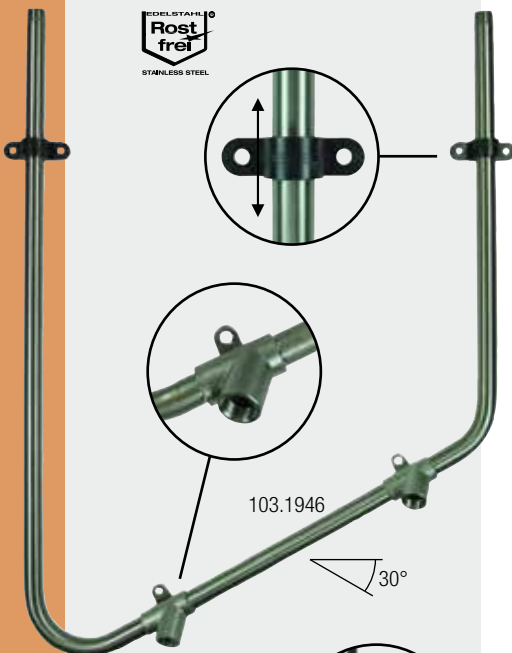
Circuit Pipe

1 horizontal and 1 vertical exit

Order Ref. 103.1945

- Made of stainless steel, with 2 exits: ½" female
- ½" male connection
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 26 cm

Order Ref.	Type	Packing Hints
103.1944	Circuit pipe stainless steel ½", 1 horizontal female exit	1 piece
103.1945	Circuit pipe stainless steel ½", 1 horiz. + 1 vertical exit	1 piece



Circuit Pipe

2 inclined exits

Order Ref. 103.1946

- Made of stainless steel, with 2 exits: ½" female
- ½" male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 50 cm

Order Ref.	Type	Packing Hints
103.1946	Circuit pipe stainless steel ½", 2 inclined female exits	1 piece

Circuit Pipe

2 horizontal exits

Order Ref. 103.1947

- Made of stainless steel, with 2 exits: ½" female
- ½" male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 50 cm

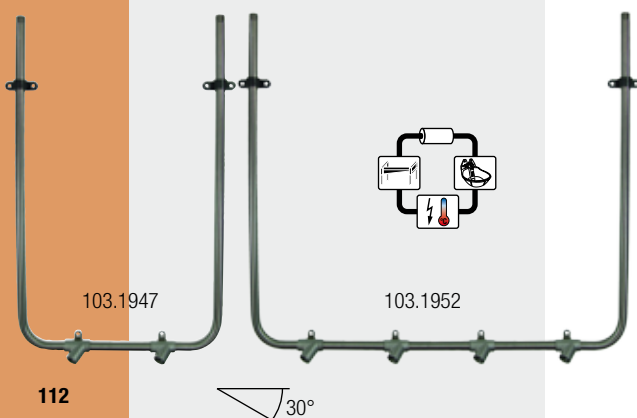
Circuit Pipe

4 horizontal exits

Order Ref. 103.1952

- Made of stainless steel, with 4 exits: ½" female
- ½" male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 92 cm

Order Ref.	Type	Packing Hints
103.1947	Circuit pipe stainless steel ½", 2 horizontal female exits	1 piece
103.1952	Circuit pipe stainless steel ½", 4 horizontal female exits	1 piece



Reduced risk of injuries through smaller distance to the wall



Protection Bracket

Order Ref. 103.1953

- Protects the animals from injuries on nipple drinker
- Height x width: approx. 14 x 14 cm
- Suited for 103.1914, 103.1915, 103.1916, 103.1954

Order Ref.	Type	Packing Hints
103.1953	Protection bracket stainless steel	1 piece

Stainless Steel Pipe for Separating Walls

for nipple drinkers

Order Ref. 103.1954

- **With 4 exits:** ½" female, for nipple drinkers
- ½" female connection to the water line
- **Movable width** ensures safe fixation on all different types of separating walls!
- Pipe length approx. 42 cm. Suited for separating walls from 30 to 40 mm wide

Stainless Steel Pipe for Separating Walls

for drinking bowls

Order Ref. 103.1955

- **With 2 exits:** ½" male, for drinking bowls
- ½" female connection to the water line
- **Movable width** ensures safe fixation on all different types of separating walls!
- Pipe length approx. 42 cm. Suited for separating walls from 30 to 40 mm wide

Order Ref.	Type	Packing Hints
103.1954	Pipe for separating walls, stainless steel, for nipple drinkers, 4 f exits	1 piece
103.1955	Pipe for separating walls, stainless steel, for drinking bowls, 2 m exits	1 piece



103.1953

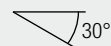


Width can be varied



103.1954

103.1955

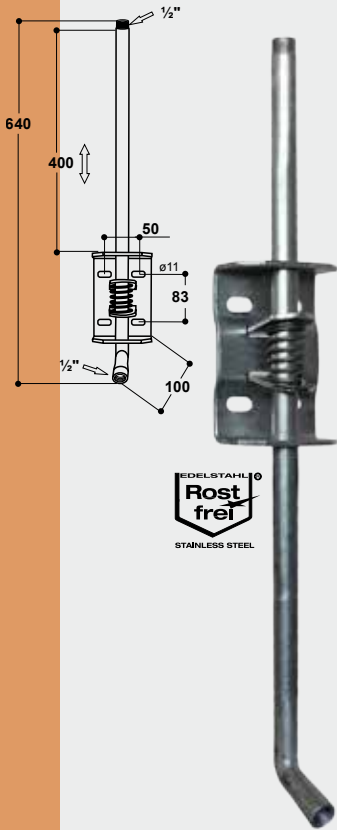


Mounting examples





ACCESSORIES FOR INSTALLATION



101.0349

Quick Height Adjusting Device without Use of Tools Model 349

Order Ref. 101.0349

- 1/2" female exit for nipple drinker
- 1/2" connection
- Stainless steel pipe
- **Regulation range 400 mm**

Order Ref.	Type	Packing Hints
101.0349	Quick height adjusting device, Mod. 349, 1/2", stainless steel pipe	1 piece



Boring Bracket Model 529

Order Ref. 101.0529

- For pipes 3/4" and 1"
- Made of **stainless steel**
- 1/2" female exit
- With sealing, stainless steel bracket, screw nuts and washers

Order Ref.	Type	Packing Hints
101.0529	Boring bracket Mod. 529, for pipes 3/4" - 1", stainless steel	1 piece

Boring Bracket Model 535

Order Ref. 101.0535

- For 1 1/2", 1 1/4" and 2" pipes
- Made of **cast iron**
- 1/2" female exit
- With sealing, galvanized bracket, screw nuts and washers

Order Ref.	Type	Packing Hints
101.0535	Boring bracket Mod. 535, for pipes 1 1/4"-2", cast iron	1 piece

Boring Bracket Model 563 Model 564

Order Ref. 101.0563

Order Ref. 101.0564

- Model 563: for 3/4" pipes or plastic pipes of type DN 25
- Model 564: for 1" pipes or plastic pipes of type DN 32
- Made of **high-quality plastic**
- Hose nipple connection inclusive
- **Installed quick shut-off-valve:** water flow stops as soon as the hose connection is loosened from the boring bracket by means of half turn. It is not necessary to install an additional ball cock!
- With sealing, with broad plastic bracket and stainless steel screw nuts

Order Ref.	Type	Packing Hints
101.0563	Boring bracket Mod. 563, for 3/4"/DN25, with shut-off valve	1 piece
101.0564	Boring bracket Mod. 564, for 1"/DN32, with shut-off valve	1 piece

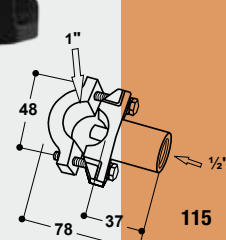
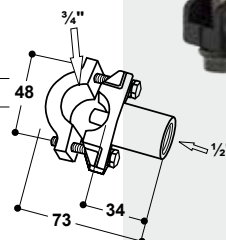
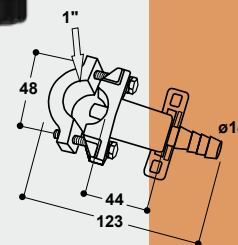
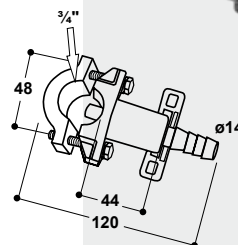
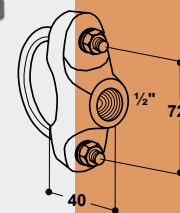
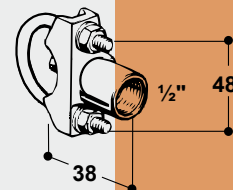
Boring Bracket Model 594 Model 595

Order Ref. 101.0594

Order Ref. 101.0595

- Model 594: for 3/4" pipes or plastic pipes of type DN 25
- Model 595: for 1" pipes or plastic pipes of type DN 32
- Made of **high-quality plastic**
- 1/2" female exit
- With sealing, with broad plastic bracket and stainless steel screw nuts

Order Ref.	Type	Packing Hints
101.0594	Boring bracket Mod. 594, for 3/4"/DN25	1 piece
101.0595	Boring bracket Mod. 595, for 1"/DN32	1 piece





ACCESSORIES FOR INSTALLATION



Regulating Piece Model 657

Order Ref. 102.0657

- Made of **stainless steel**, for installation into the drinkers with a valve without regulation possibility
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- ½" female thread x ½" male connection thread

Order Ref.	Type	Packing Hints
102.0657	Regulating piece Mod. 657, ½" male x ½" female	1 piece

Pipe Holder

Order Ref. 103.1975

- Made of **stainless steel**
- For fixation of ½" water pipes on the wall

Order Ref.	Type	Packing Hints
103.1975	Pipe holder, stainless steel	1 piece

Bracket

Order Ref. 103.1976

- Made of **stainless steel**
- For fixation of ½" water pipes on 1" horizontal pipes

Order Ref.	Type	Packing Hints
103.1976	Bracket, stainless steel	1 piece

Fixing Clips in Stainless Steel

- For fixation of plastic pipes

Order Ref.	Type	Packing Hints
103.0912	Stainless steel fixing clip ½"	1 piece
103.0934	Stainless steel fixing clip ¾"	1 piece
103.0910	Stainless steel fixing clip 1"	1 piece

Blue Pipe

- Blue plastic pipe for cold water lines up to 6 bar of pressure
- **Thick-walled polypropylene – no rust!**
- The ideal solution to place cold water tubes on plaster in your stable
- **Easy to handle:** at the tube's ends you can cut the thread with a threading die usual in trade
- Sealing can be done with hemp, teflon or with SUEVIA sealing material (Order Ref. 102.0358)
- Large range of SUEVIA plastic or stainless steel fittings available (see p. 118)!

Order Ref.	Ø	Wall Thickness [mm]
103.0891	½"	3,7
103.0892	¾"	4,8
103.0893	1"	5,4

Order Ref.	Type	Packing Hints
103.0891	½" blue pipe, PP, per m	4 m/bar
103.0892	¾" blue pipe, PP, per m	4 m/bar
103.0893	1" blue pipe, PP, per m	4 m/bar
102.0358	Sealing material for plastic fittings, 90 g	90 g/tube



DISINFECTION BATH FOR BOOTS / CARCASS COVER

Disinfection Bath for Boots SD80

Order Ref. 160.1086

- To avoid transport of bacteria into stable all entrances should be equipped with a disinfection bath for boots
- Bath made of high-quality **polyethylene**
- **Anti-slip ground profile**
- All disinfectants usual in trade can be used
- Capacity 19 l (5 gallons), dimensions (l x w x h): approx. 80 x 60 x 11 cm

Order Ref.	Type	Packing Hints
160.1086	Disinfection bath for boots SD80	1 piece



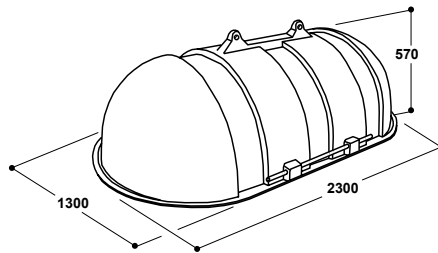
Carcass Cover

Order Ref. 160.0200

- Covers dead animals
- According to hygienic rules for pig breeding, dead animals have to be covered, so that no other domestic animals, birds, or rats etc. can reach the dead body
- Made of high-performance **UV-resistant polyethylene**
- With loops at the top and two hooks in stainless steel for better transportation
- Dimensions (l x w x h): 230 x 130 x 57 cm (7,6" x 4,3" x 2")

RECOMMENDED FOR:

Piglets, pigs, calves



Order Ref.	Type	Packing Hints
160.0200	Carcass cover	1 piece



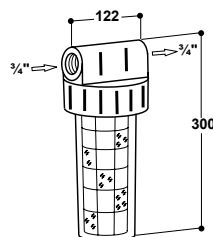
INSIDER TIP!

The carcass cover should be placed away from the yard in order for collection vehicles to avoid the main driveways of the farm. Ideal is a cool place with shadow at the access street with a concrete surface as ground. At the same time it should be taken care that the place, where this carcass cover is placed, can not be directly seen by joggers or pedestrians. Running liquids should be channeled underground. After collection the place should at least be cleaned with water or disinfectant.

Water Filter 80 Micro, Model 487

Order Ref. 101.0487

- 3/4" female connection
- With filter easy to clean
- 80 Micro, 6 m³/h (1588 gal/h)



Order Ref.	Type	Packing Hints
101.0487	Water filter Mod. 487, 80 µm	1 piece/box





FITTINGS

Fittings made of plastic



Order Ref.	Type		Packing Hints
103.0012	Elbow 90°	½"	10 pieces/bag
103.0034	Elbow 90°	¾"	10 pieces/bag
103.0010	Elbow 90°	1"	10 pieces/bag
103.0112	T-Piece 90°	½"	10 pieces/bag
103.0134	T-Piece 90°	¾"	10 pieces/bag
103.0110	T-Piece 90°	1"	10 pieces/bag
103.0234	T-Reducer	¾" x ½" x ¾"	10 pieces/bag
103.0334	Reducer	¾" x ½"	10 pieces/bag
103.0335	Reducer	1" x ½"	10 pieces/bag
103.0336	Reducer	1" x ¾"	10 pieces/bag
103.0412	Coupling	½"	10 pieces/bag
103.0434	Coupling	¾"	10 pieces/bag
103.0410	Coupling	1"	10 pieces/bag
103.0512	Cap	½"	10 pieces/bag
103.0534	Cap	¾"	10 pieces/bag
103.0510	Cap	1"	10 pieces/bag
103.0712	Union	½"	10 pieces/bag
103.0734	Union	¾"	10 pieces/bag
103.0710	Union	1"	10 pieces/bag
103.0812	Double Nipple	½"	10 pieces/bag
103.0834	Double Nipple	¾"	10 pieces/bag
103.0810	Double Nipple	1"	10 pieces/bag
103.1612	Pipe clip	½"	10 pieces/bag
103.1634	Pipe clip	¾"	10 pieces/bag
103.1610	Pipe clip	1"	10 pieces/bag

Fittings made of stainless steel



NEW!

Order Ref	Type		Packing Hints
103.2012	Elbow 90°, female/female	½"	1 piece
103.2034	Elbow 90°, female/female	¾"	1 piece
103.2010	Elbow 90°, female/female	1"	1 piece
103.2037	Elbow 90°, male/female	½"	1 piece
103.2035	Elbow 90°, male/female	¾"	1 piece
103.2036	Elbow 90°, male/female	1"	1 piece
103.2112	T-Piece 90°	½"	1 piece
103.2134	T-Piece 90°	¾"	1 piece
103.2110	T-Piece 90°	1"	1 piece
103.2116	T-Piece 90°	1" x ¾" x 1"	1 piece
103.2334	Reducer	¾ x ½"	1 piece
103.2335	Reducer	1" x ½"	1 piece
103.2336	Reducer	1" x ¾"	1 piece
103.2919	Reducing Coupling	¾" x ½"	1 piece
103.2920	Reducing Coupling	1" x ¾"	1 piece
103.2412	Coupling	½"	1 piece
103.2434	Coupling	¾"	1 piece
103.2410	Coupling	1"	1 piece
103.2512	Cap	½"	1 piece
103.2534	Cap	¾"	1 piece
103.2510	Cap	1"	1 piece
103.2712	Union	½"	1 piece
103.2734	Union	¾"	1 piece
103.2710	Union	1"	1 piece
103.2812	Double Nipple	½"	1 piece
103.2834	Double Nipple	¾"	1 piece
103.2810	Double Nipple	1"	1 piece



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