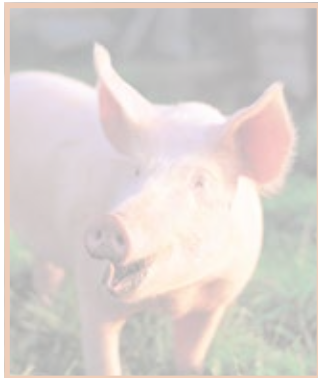
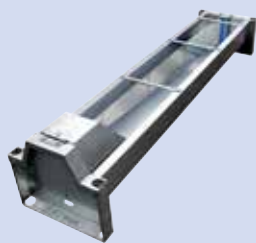


# SUEVIA



## CATALOGUE 2014 - 2015



**CATTLE**  
**HORSES**  
**SHEEP**  
**GOATS**



## INTERESTING FACTS ABOUT SUEVIA



### SUEVIA HAIGES GmbH

Founded in 1923 the company is now in the hands of the 3<sup>rd</sup> 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.

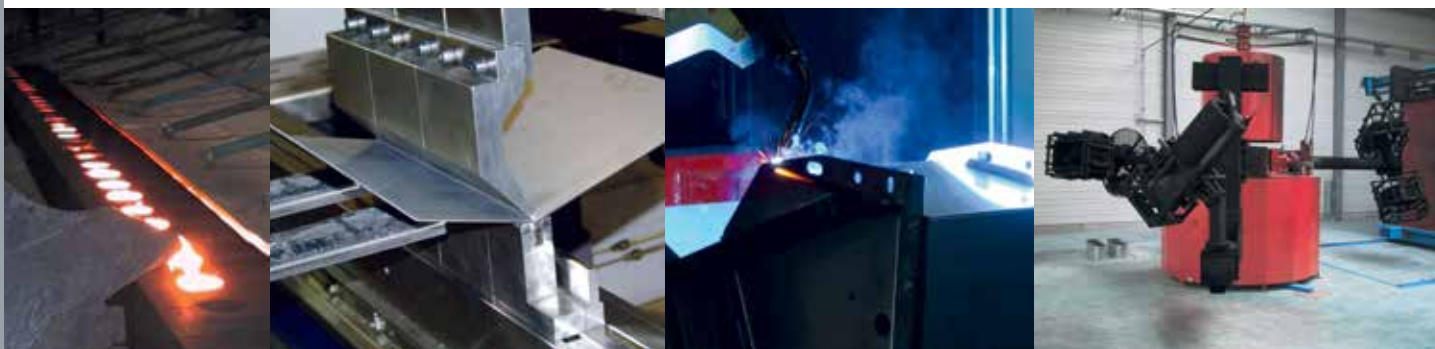
We remain abreast of market requirements continually improving our products and extending the range by taking part at all of the major worldwide agricultural fairs and through maintaining close contact to advance research establishments and of course to our customers, the farming community. Inhouse moulding 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!**





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Suited for:



Cattle, Dairy Cows    Calves    Horses    Sheep    Goats    Pigs    Piglets    Dogs

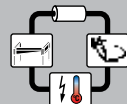
#### Symbol explanation



Package unit:  
2 pieces in blister



Price group 2  
For all products marked with this symbol special conditions are valid. (kindly ask for conditions).



All SUEVIA drinkers being suited for installation into a water circuit in combination with a SUEVIA Heating Unit, you will recognize at this symbol!



## 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.

**Two types of SUEVIA tube valves are available:**

#### **¾" Stainless Steel Tube Valves**

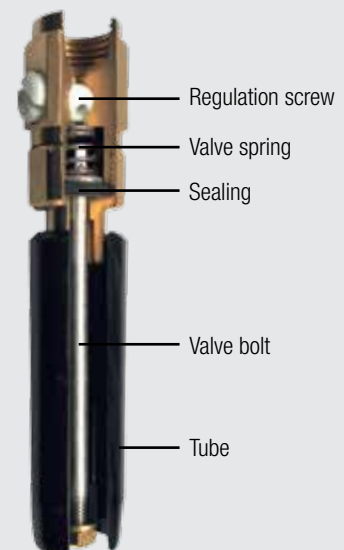
with ¾" connection in stainless steel, from top and bottom

#### **½" Brass Tube Valves**

with ½" connection in brass, from top and bottom



**Cross section of a valve tube with a regulation screw**





## DRINKING BOWLS FOR CALVES

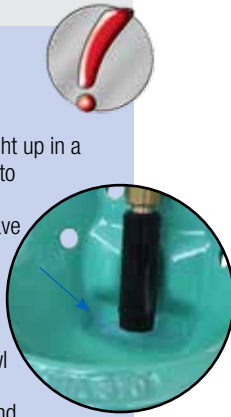


131.0152

### 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.



## SUITED FOR WATER CIRCUITS



131.0169

131.0169



103.1983

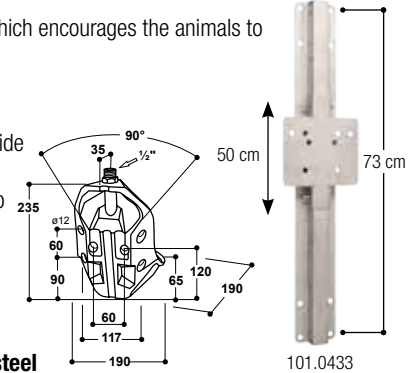


### Drinking Bowl with Drink Inducer

#### Model 370 with 1/2" brass valve

Order Ref. 100.0370

- 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

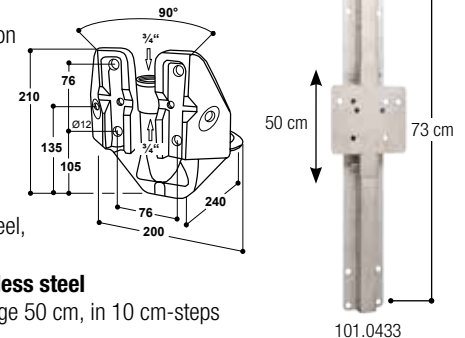
Order Ref.	Type	Packing Hints	
100.0370	Drinking bowl Mod. 370-MS1/2", brass valve	1 piece/box	
131.0152	Fixing bracket M10 1" – 1 1/2", galvanized	1 piece/bag	
101.0433	Height regulation without tools, in stainless steel	1 piece	

### Drinking Bowl with Drink Inducer

#### Model 375 with 3/4" 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 from top and bottom: **suiting 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	
100.3759	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	
103.1983	Connection set for 3/4" water circuits	1 piece/bag	



## DRINKING BOWLS FOR CALVES



### Drinking Bowl Model 10P

Order Ref. 100.0010

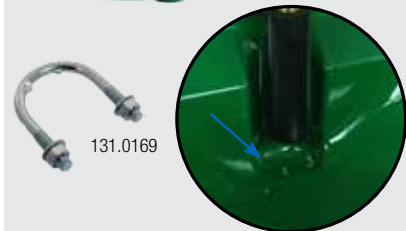
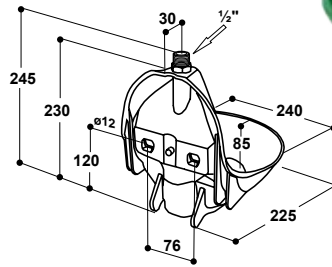
- Bowl made of **top quality AQUATHAN plastic**
- Extremely flexible, flexes on impacts, shock-resistant
- **No sharp edges, no risk of injury**
- Smoothly running brass tube valve with 1/2" male connection from the top
- Calm water flow through tube valve, **with enticement basin**
- Water flow regulation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



with enticement basin

Order Ref.	Type	Packing Hints		
100.0010	Drinking bowl Mod. 10P	10 pieces/box		
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag		

### Drinking Bowl Model 12P with 1/2" brass valve Model 12P with 3/4" stainless steel valve

Order Ref. 100.0120

Order Ref. 100.0129

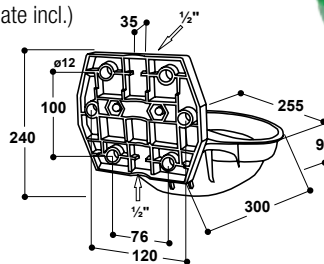
- Bowl made of **top quality AQUATHAN plastic**
- Extremely flexible, flexes on impacts, shock-resistant
- **No sharp edges, no risk of injury**
- Smoothly running tube valve in **1/2" brass or 3/4" stainless steel**
- **Female connection from top and bottom**
- Water flow **continuously adjustable** from outside by means of a **regulation screw**
- Calm water flow through tube valve

#### ACCESSORIES:

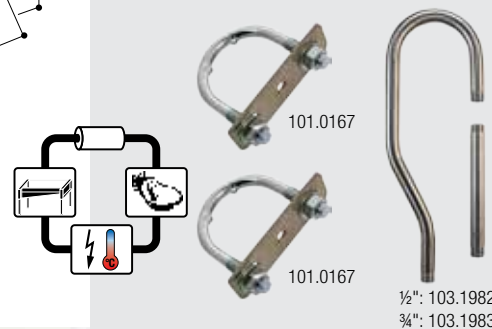
- **2 fixing brackets** (Order Ref. 101.0167, reinforcing plate incl.) for fixation on 1 1/2" – 2" pipes
- **Connection sets for 1/2" or 3/4" water circuits** (Order Ref. 103.1982 and 103.1983) in stainless steel, for easy installation into water circuits

#### RECOMMENDED FOR:

Calves, horses



also with 3/4" stainless steel valve



1/2": 103.1982  
3/4": 103.1983

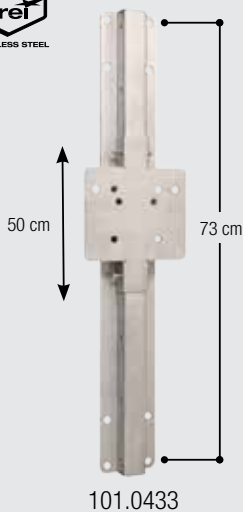
Order Ref.	Type	Packing Hints		
100.0120	Drinking bowl Mod. 12P-MS1/2"	5 pieces/box		
100.0129	Drinking bowl Mod. 12P-VA3/4"	5 pieces/box		
101.0167	Fixing bracket 1 1/2" – 2", with plate	1 piece		
103.1982	Connection set for 1/2" water circuits	1 piece/bag		
103.1983	Connection set for 3/4" water circuits	1 piece/bag		



**EXTREMELY FLEXIBLE!**



## DRINKING BOWLS FOR CALVES



### Drinking Bowl with Float Valve

**Model 130P (plastic) for max. 5 bar**

Order Ref. 100.0130

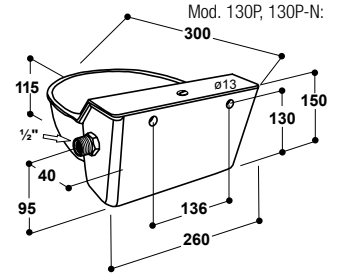
**Model 130P-N (plastic) for max. 1 bar**

Order Ref. 100.0131

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

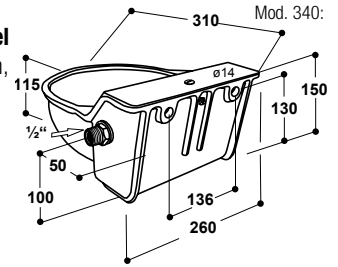
Order Ref. 100.0340

- 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
- Mod. 130P + 130P-N: ½" male connection, from right or left hand side
- Mod. 130P-N: for low pressure up to 1 bar
- Mod. 340: ½" male connection, from right hand side



#### 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





# SUEVIA

## NIPPLE DRINKER FOR CALVES

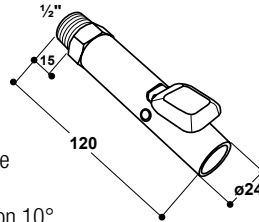
### SUEVIA Nipple Drinker for Calves and Bulls Model 326

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

#### 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

Order Ref.	Type	Packing Hints	
180.0326-1	Nipple drinker Mod. 326 (1 piece in blister)		
181.0327	Protection bracket, galvanized, incl. wall angle	1 piece	
101.0179	Double bracket 1¼" – 2"	1 piece/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 for 2 nipple drinkers

¾"

Order Ref. 103.2007

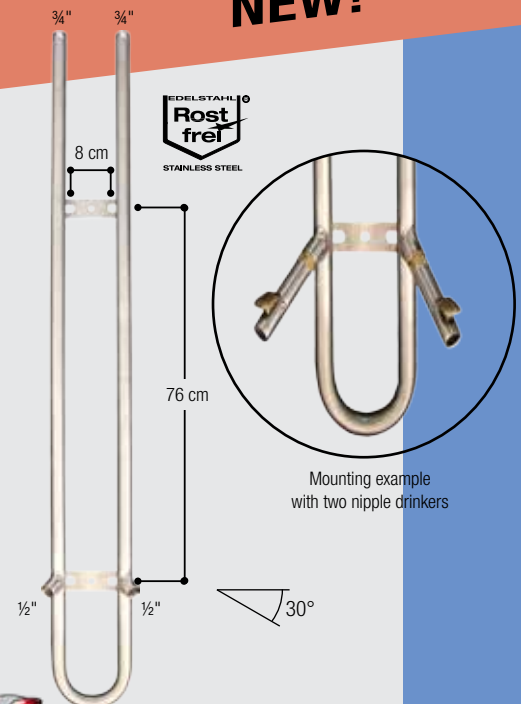
- **Circuit pipe in stainless steel ¾", with 2 female exits ½"**
- 2 male connections ¾" (on the top)
- For connection of two nipple drinkers Mod. 326 (Order Ref. 180.0326-1) to the circuit and in combination with a SUEVIA heating unit (see page 26)
- With two fixing plates
- H x w: approx. 120 x 15,5 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)		



**NEW!**  
AVAILABLE IN  
BLISTER PACKAGE

**NEW!**



#### 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 FOR CATTLE



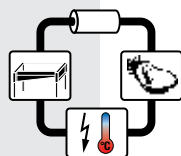
101.0169



101.0169



101.0169



### Drinking Bowl

#### Model 20 with brass valve

Order Ref. 100.0020

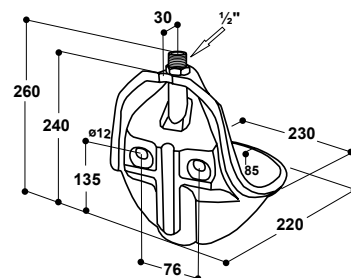
- Bowl made of **cast iron, completely enamelled**
- Smoothly running brass tube valve with **1/2" male connection** from the top
- Calm water flow through tube valve, no water spillage
- Water flow regulation by enlarging the nozzle boring

#### ACCESSORIES:

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

#### RECOMMENDED FOR:

Cattle, horses



Order Ref.	Type	Packing Hints		
100.0020	Drinking bowl Mod. 20-MS 1/2", brass 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

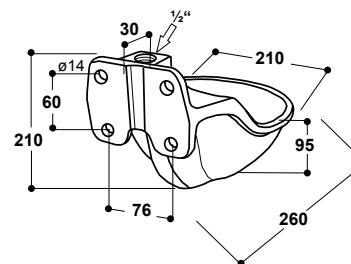
- Bowl made of **cast iron, completely enamelled**
- Smoothly running brass tube valve
- **1/2" female connection** from top and bottom
- Calm water flow through tube valve, no water spillage
- With 4-hole-fixation

#### 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		
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag		





## DRINKING BOWLS FOR CATTLE

### Drinking Bowl

**Model 25R with 1/2" brass valve**

Order Ref. 100.0250

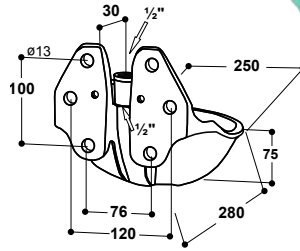
**Model 25R with 3/4" stainless steel valve**

Order Ref. 100.0259

- Large drinking bowl made of **cast iron, completely enamelled**
- Smoothly running tube valve in **1/2" 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 1/2" or 3/4" water circuits** (Order Ref. 103.1982 and 103.1983) in stainless steel, for easy connection into water circuits

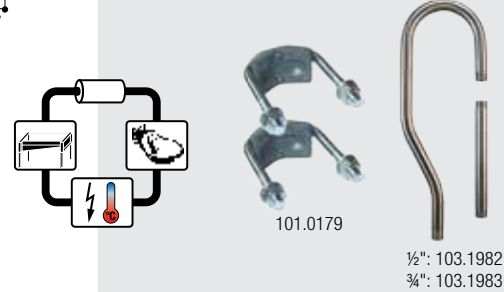


also with 3/4" stainless steel valve

#### RECOMMENDED FOR:

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

Order Ref.	Type	Packing Hints		
100.0250	Drinking bowl Mod. 25R-MS1/2", brass valve	1 piece/box		
100.0259	Drinking bowl Mod. 25R-MS3/4", st. steel valve	1 piece/box		
101.0179	Double bracket 1 1/4" – 2"	1 piece/bag		
103.1982	Connection set for 1/2" water circuits	1 piece/bag		
103.1983	Connection set for 3/4" water circuits	1 piece/bag		



### Drinking Bowl

**Model 115**

Order Ref. 100.0115

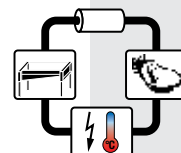
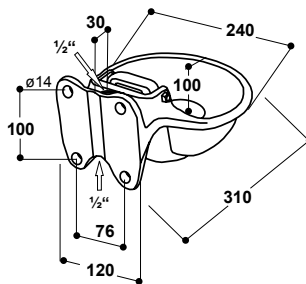
- Large drinking bowl made of **cast iron, completely enamelled**
- High water flow of 14 l/min given 5 bar (73psi)
- Quick water flow regulation possibility under the tongue without any use of tools: for adjustment lift up the tongue and turn at the regulation screw. This way the desired water flow can even be stopped completely
- **1/2" male connection from top and bottom**

#### ACCESSORIES:

- **1 double bracket** (Order Ref. 101.0179), for fixation on 1 1/4" – 2" pipes

#### RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses



Order Ref.	Type	Packing Hints		
100.0115	Drinking bowl Mod. 115	1 piece/box		
101.0179	Double bracket 1 1/4" – 2"	1 piece/bag		





## DRINKING BOWLS FOR CATTLE



### Drinking Bowl Model 1100

Order Ref. 100.1100

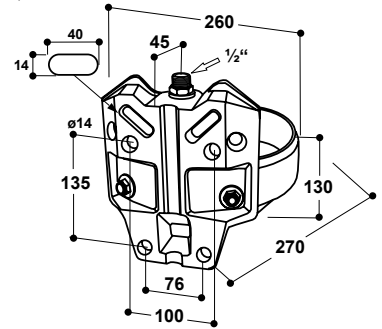
- Large deep bowl in **stainless steel**, robust, secure against fracture
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- Smoothly running tube valve
- **Very high water flow** up to **20 l/min** (5,5 gallons)
- ½" male connection from the top
- Thanks to special 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 1½" – 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 1½" – 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.





## DRINKING BOWLS FOR CATTLE

### Drinking Bowl

**Model 1200 with 1/2" brass valve**

Order Ref. 100.1200

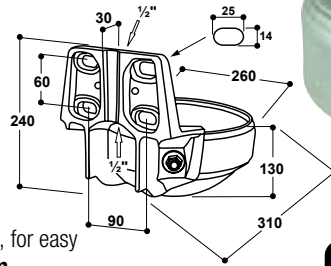
**Model 1200 with 3/4" stainless steel valve**

Order Ref. 100.1209

- Large deep bowl in **stainless steel**, robust, secure against fracture
- Smoothly running tube valve in **1/2" 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)

#### ACCESSORIES:

- **2 fixing brackets** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes
- **Connection sets for 1/2" or 3/4" water circuits** (Order Ref. 103.1982 and 103.1983) in stainless steel, for easy installation into water circuits coming **from the bottom**



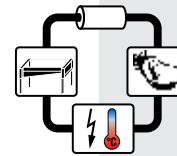
also with 3/4" stainless steel valve



#### RECOMMENDED FOR:

Cattle, dairy cows

Order Ref.	Type	Packing Hints	
100.1200	Drinking bowl Mod. 1200-MS1/2", 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	
103.1982	Connection set for 1/2" water circuits	1 piece/bag	
103.1983	Connection set for 3/4" water circuits	1 piece/bag	



1/2": 103.1982  
3/4": 103.1983



#### INSIDER TIP!

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

### Drinking Bowl

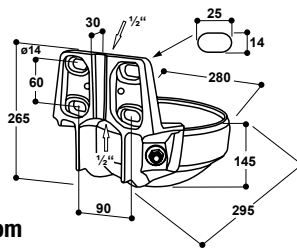
**Model 1200P with 1/2" brass valve**

Order Ref. 100.1210

- 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 1/2" brass tube valve
- 1/2" female connection from **top and bottom**
- **Very high water flow up to 20 l/min** (5,5 gallons)

#### ACCESSORIES:

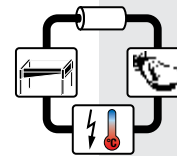
- **2 fixing brackets** (Order Ref. 131.0169) for fixation on 1 1/2" – 2" pipes
- **Connection sets for 1/2" water circuits** (Order Ref. 103.1982) in stainless steel, for easy installation into water circuits coming **from the bottom**



#### RECOMMENDED FOR:

Cattle, dairy cows

Order Ref.	Type	Packing Hints	
100.1210	Drinking bowl Mod. 1200P-MS1/2", brass valve	1 piece/box	
131.0169	Fixing bracket M12 1 1/2" – 2", galvanized	1 piece/bag	
103.1982	Connection set for 1/2" water circuits	1 piece/bag	



with drainage plug in the bowl's bottom



1/2": 103.1982





## DRINKING BOWLS FOR CATTLE

**NEW FROM MAI 2014:**  
**3/4" -VERSION**



also with 3/4" brass valve



1/2": 103.1986  
3/4": 103.1987  
Connection from top and bottom

101.0179



102.0039

### Drinking Bowl

**Model 19R with 1/2" brass valve**

Order Ref. 100.0190

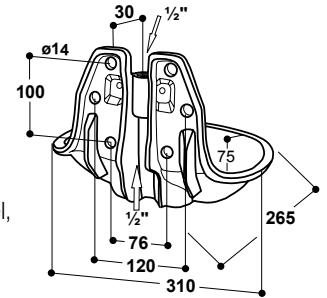
**Model 19R with 3/4" brass valve**

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 1/2" (Order Ref. 100.0190) or 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 1/2" or 3/4" water circuits** (Order Ref. 103.1986 and 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		
100.0190	Drinking bowl Mod. 19R-MS1/2", 1/2" brass valve	1 piece/box		
100.0198	Drinking bowl Mod. 19R-MS3/4", 3/4" brass valve	1 piece/box		
103.1986	Connection set for 1/2" water circuits	1 piece/bag		
103.1987	Connection set for 3/4" water circuits	1 piece/bag		
101.0179	Double bracket 1 1/4" – 2"	1 piece/bag		

### Drinking Bowl

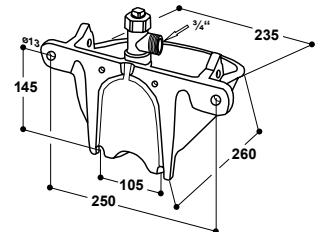
**Model 8**

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,
- **3/4" 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 (3/4" female coupling, 1/2" 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, 3/4" female x 1/2" male	1 piece/bag		





## DRINKING BOWLS FOR CATTLE

### Drinking Bowl

**Model 18P with 1/2" brass valve**

Order Ref. 100.0018

**Model 18P with 3/4" stainless steel valve**

Order Ref. 100.0189

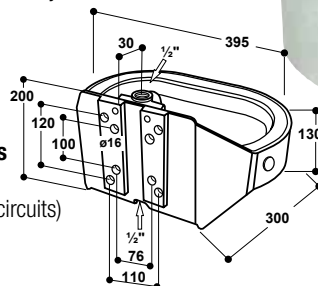
- Extra large drinking bowl made of premium **UV-resistant polyethylene**
- Anti-spillage rim curved inside prevents water losses
- Installed drainage plug for easier cleaning
- **Integrated galvanized protection bracket**
- Smoothly running tube valve in **1/2" brass or 3/4" stainless steel** with female 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 1/2" or 3/4" water circuits** (Order Ref. 103.1986 and 103.1987) in stainless steel, for easy installation into water circuits)

#### RECOMMENDED FOR:

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



also with 3/4" stainless steel valve



101.0179



1/2": 103.1986  
3/4": 103.1987  
Connection from top and bottom

### Drinking Bowl

**Model 16P with 1/2" brass valve**

Order Ref. 100.0160

**Model 16P with 3/4" stainless steel valve**

Order Ref. 100.0169

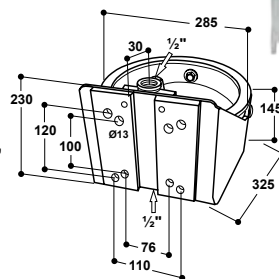
- Drinking bowl made of premium **UV-resistant polyethylene**
- Anti-spillage rim curved inside prevents water losses
- Installed drainage plug for easier cleaning
- **Integrated galvanized protection bracket**
- Smoothly running tube valve in **1/2" brass or 3/4" stainless steel** with female connection 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 1/2" or 3/4" water circuits** (Order Ref. 103.1986 and 103.1987) in stainless steel, for easy installation into water circuits)

#### RECOMMENDED FOR:

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



also with 3/4" stainless steel valve

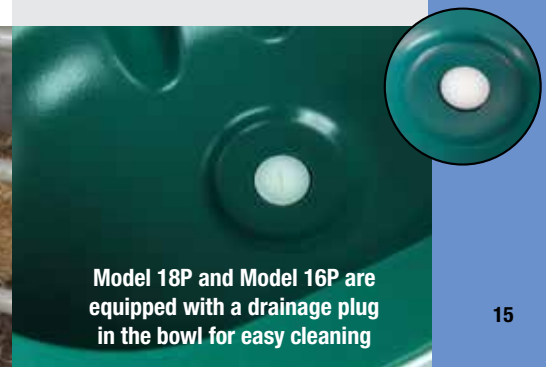


101.0179



1/2": 103.1986  
3/4": 103.1987  
Connection from top and bottom

Order Ref.	Type	Packing Hints	
100.0018	Drinking bowl Mod. 18P-MS1/2", brass valve	1 piece	
100.0189	Drinking bowl Mod. 18P-VA3/4", st. steel valve	1 piece	
100.0160	Drinking bowl Mod. 16P-MS1/2", brass valve	1 piece	
100.0169	Drinking bowl Mod. 16P-VA3/4", st. steel valve	1 piece	
101.0179	Double bracket 1 1/4" – 2"	1 piece/bag	
103.1986	Connection set for 1/2" water circuits	1 piece/bag	
103.1987	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



## 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

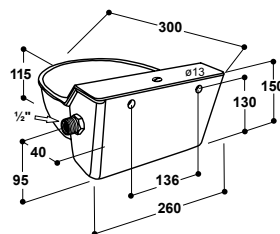
### Float Valve Drinking Bowl with installed heating Model 130P-H

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 page 23)
- 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 page 23).
- 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**

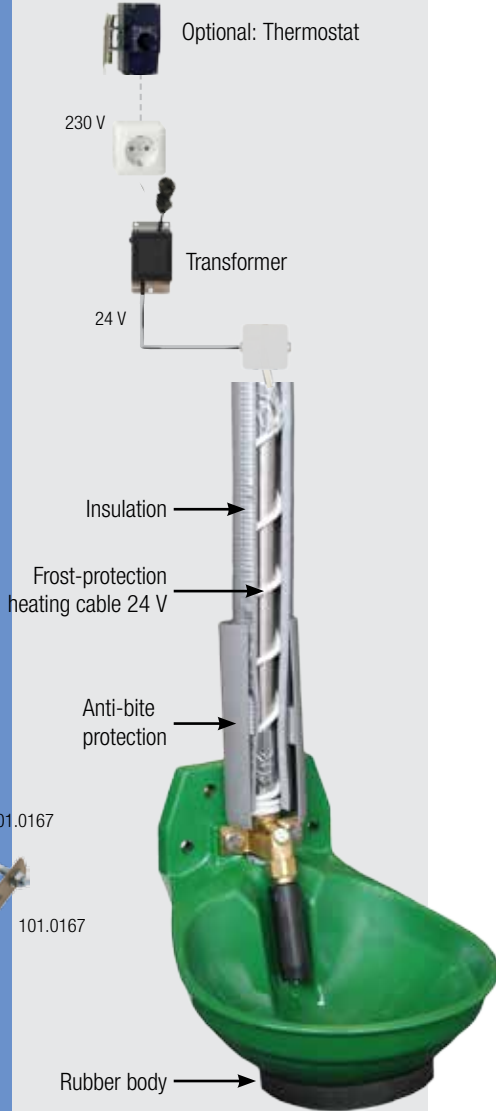
Order Ref.	Type	Packing Hints		
100.1305	Drinking bowl Mod. 130P-H, with valve heating	1 piece/box		
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag		
101.0322	Transformer 230/24 V, 50 W	1 piece/box		
101.0380	Transformer 230/24 V, 100 W	1 piece/box		
101.0390	Transformer 230/24 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		



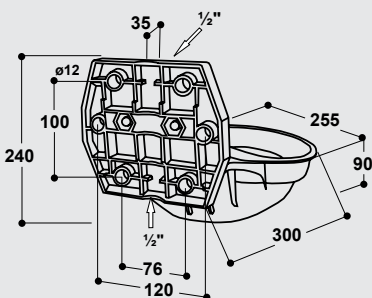


## HEATED DRINKING BOWLS FOR CALVES AND HORSES

**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 brass valve 1/2"**

**Order Ref. 100.0121**

- 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, 20 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
- **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 (1/2")
- 1/2" 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		
100.0121	Heated Drinking Bowl Mod. 12P-HK-MS1/2"	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		
101.0444	Resettable Water Meter RW1	1 piece/box		



**Rubber body with heating cable**



**View from beneath**



## HEATED DRINKING BOWLS FOR CATTLE

### Heated Drinking Bowl

**Model 46 with 1/2" brass valve**

Order Ref. 100.0046

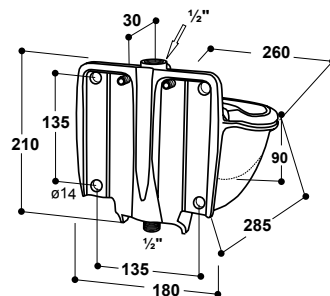
**Model 46 with 3/4" stainless steel valve**

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 **1/2" 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 page 23)
- 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).

#### ACCESSORIES:

- **2 fixing brackets** (2x Order Ref. 101.0180), for fixation on 2" – 3" pipes
- **SUEVIA Transformers 230/24 V:**
  - 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, can be optionally installed on demand
- **Valve heating** (Order Ref. 101.1405), to ensure frost protection down to -35°C!

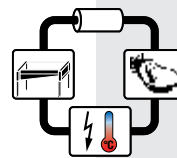


#### RECOMMENDED FOR:

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

Order Ref.	Type	Packing Hints	
100.0046	Heated drinking bowl Mod. 46-MS1/2", 24 V, 80 W	1 piece/box	
100.1469	Heated drinking bowl Mod. 46-VA3/4", 24 V, 80 W	1 piece/box	
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!**



Valve Heating 24 V, 5 W  
101.1405

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

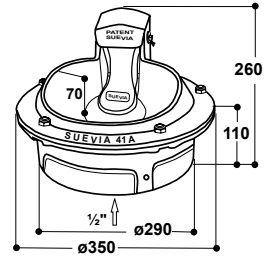
**Model 41A-SIBIRIA (180 W heating element)**

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 page 23)

### ACCESSORIES

- For power supply a SUEVIA **Transformer 230/24 V** is necessary (for correct choice of transformer see page 23)
- For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see page 23).
- Installation on a SUEVIA **Thermo Tube** (see page 21) or on a concrete tube with an internal diameter of 30 cm



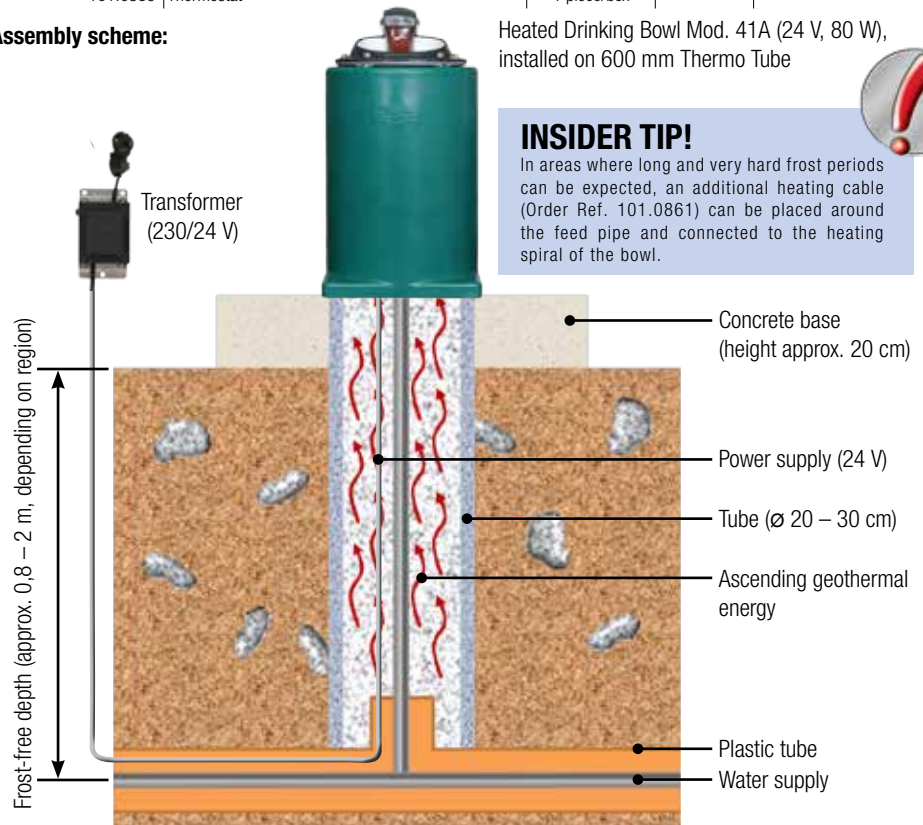
### RECOMMENDED FOR:

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

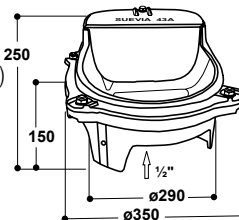
**Model 43A-SIBIRIA (180 W heating element)**

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 page 23)

### 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 page 23)
- For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see page 23).
- Installation on a SUEVIA **Thermo Tube** or on a concrete tube with an internal diameter of 30 cm (see below)



101.1068  
Anti-Schleckrand



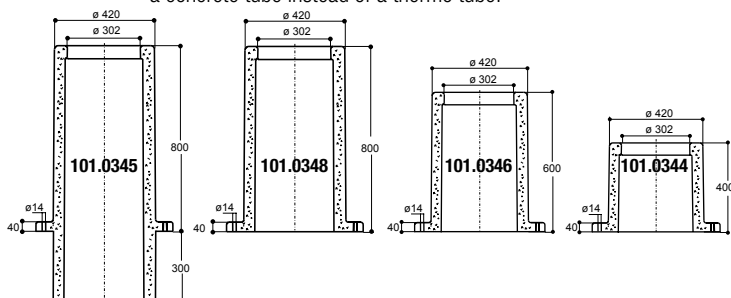
### RECOMMENDED FOR:

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



double-walled + insulated



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		

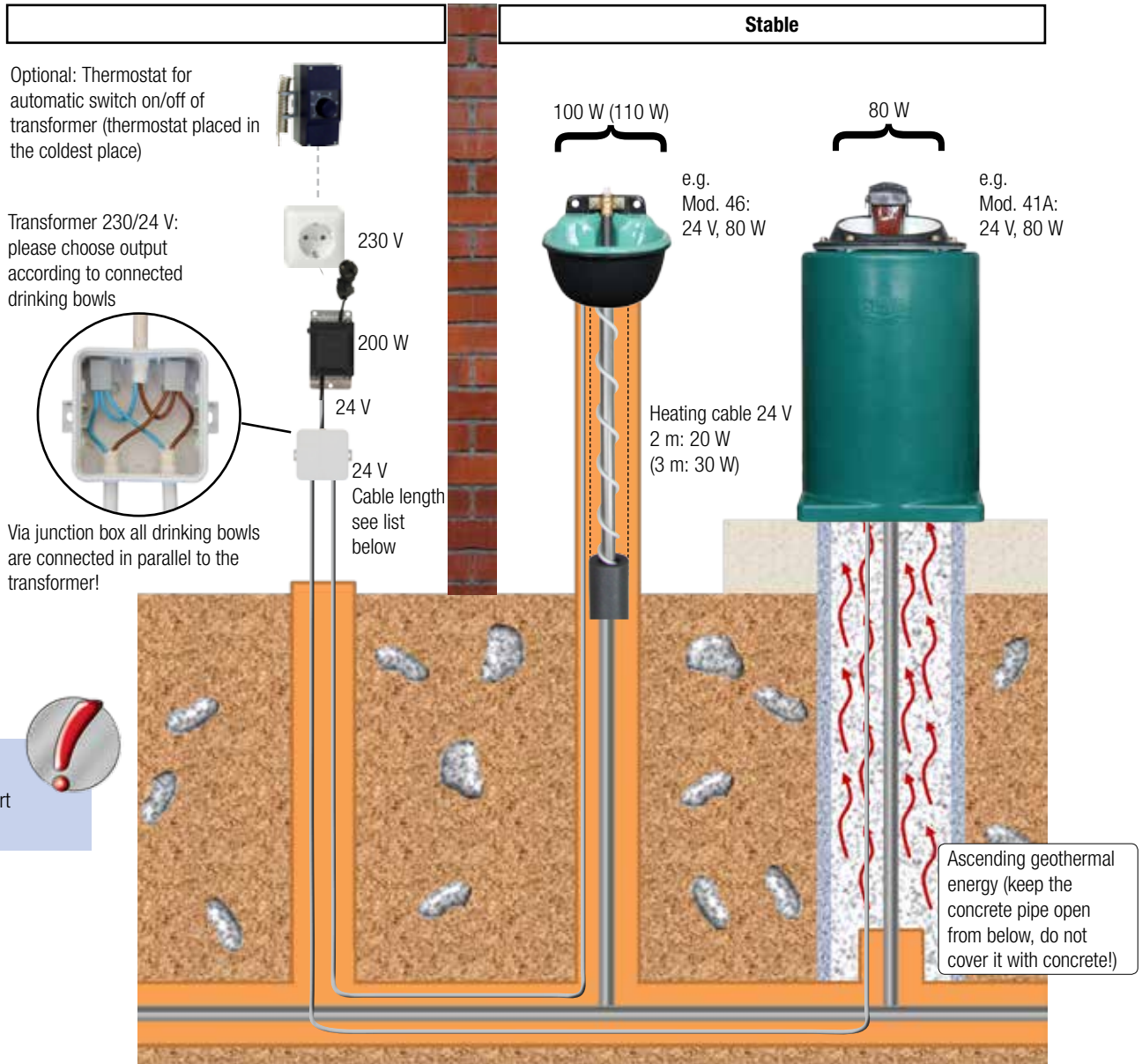




## HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

### Installation scheme for heated drinking bowls

#### Frost-free connection of water line in the ground



#### INSIDER TIP!

Keep 24 V cables as short as possible!

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

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 <sup>2</sup>	83 m	42 m	28 m	21 m	
4,0 mm <sup>2</sup>	132 m	66 m	44 m	33 m	
6,0 mm <sup>2</sup>	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 AC plug 230 V.
- SUEVIA Transformers are always factory-mounted on a plate with air space which enables to fix the transformer also on wooden walls, without any further substructure.
- 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
<b>Total power</b>	<b>300 W</b>

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 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. Plastic pipes must first be wrapped with an aluminium adhesive tape (see above)

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

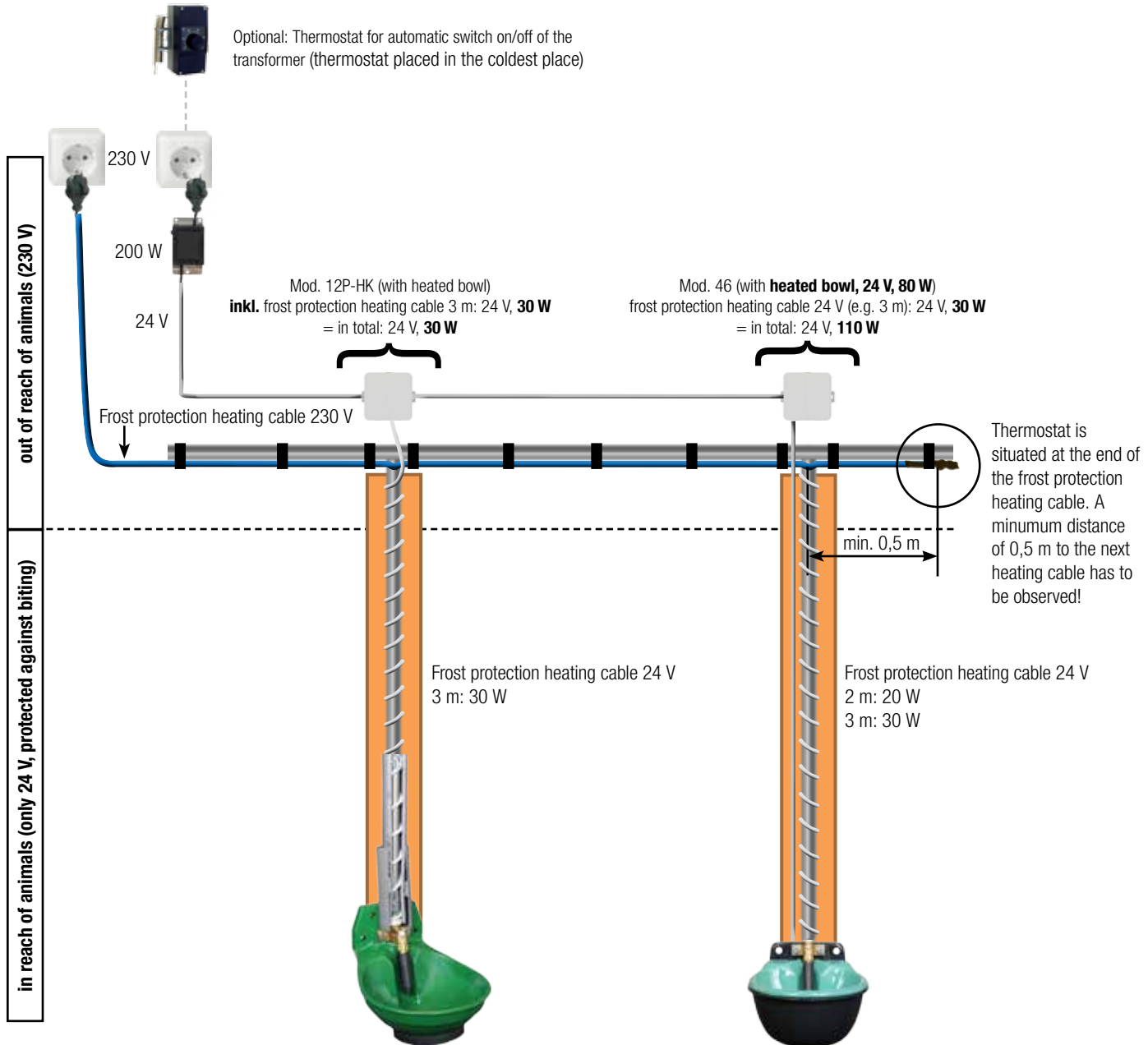




## HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

### 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!

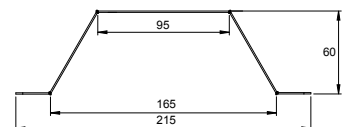


Protection plate with Mod. 25R-MS½"

### 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		
103.1958	Protection plate, stainless steel, length 1 m	1 piece		





### 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 +3°C (38°F) and **off** when temperature is higher than +10°C (50°F). The water line pipes have to be insulated. Attention should be paid that also the thermostat is 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)

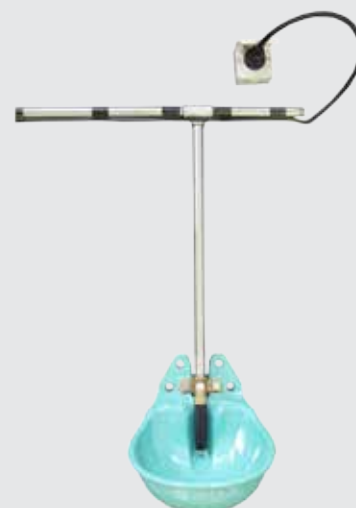
Order Ref.	Type	Packing Hints		
101.1102	Frost protection heating cable, 230 V, 20 W, 2 m	1 p./bag		
101.1104	Frost protection heating cable, 230 V, 40 W, 4 m	1 p./bag		
101.1108	Frost protection heating cable, 230 V, 80 W, 8 m	1 p./bag		
101.1112	Frost protection heating cable, 230 V, 120 W, 12 m	1 p./bag		
101.1118	Frost protection heating cable, 230 V, 180 W, 18 m	1 p./bag		
101.1124	Frost protection heating cable, 230 V, 240 W, 24 m	1 p./bag		
101.1136	Frost protection heating cable, 230 V, 360 W, 36 m	1 p./bag		
101.1148	Frost protection heating cable, 230 V, 480 W, 48 m	1 p./bag		
101.1160	Frost protection heating cable, 230 V, 600 W, 60 m	1 p./bag		
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll		



### Self-Regulating Heating Cable 230 V Order Ref. 101.1060

- Provides **frost protection for water pipes and drinking bowls**. Consists of two parallel bus wires. With increase in temperature, the synthetic material expands, at the same time the connection between the carbon particles diminishes, reducing the load and diminishing the heating power. In case of cooling down the process is inverted. By this the heating cable adapts itself in each place to the individually required heat.
- Can be supplied **in each desired length up to max. 100 m** length of heating cable
- Connection of a plug or to a junction box is done by means of a **connection set** (Order Ref. 101.1061), which is easy to install at the cable's end.
- The cable has to be protected against bites of animals or damages. Nominal voltage 230 Volt – a residual-current device must be installed by the customer
- If the self-regulating heating cable is installed on plastic pipes, examine first whether the pipe is suited for warm and cold water. For better heat distribution we recommend to wrap the plastic pipe first with an aluminium tape (Order Ref. 101.1099).

Order Ref.	Type	Packing Hints		
101.1060	Self-regulating heating cable, 230 V, per m	cut/meter		
101.1061	Connection set	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. Plastic pipes must first be wrapped with an aluminium adhesive tape (see p. 23)

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		



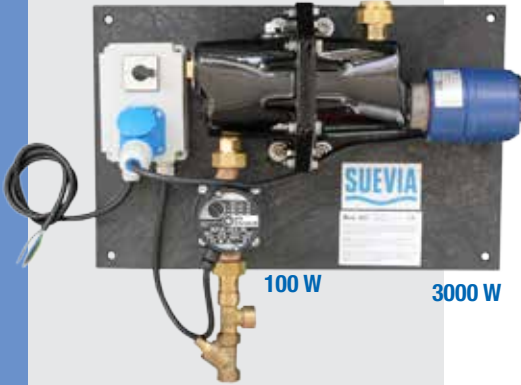
2 m: 101.0861  
3 m: 101.1863



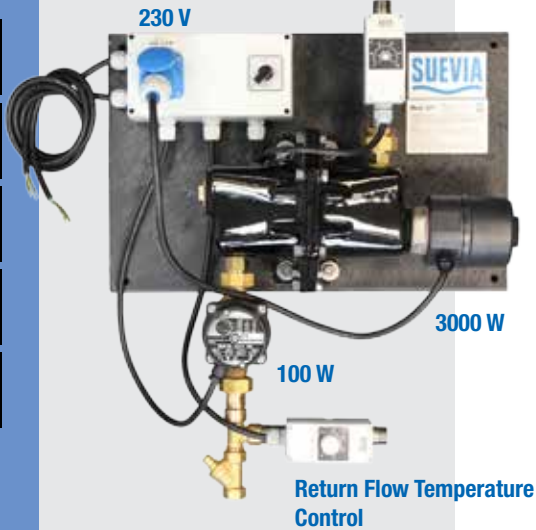
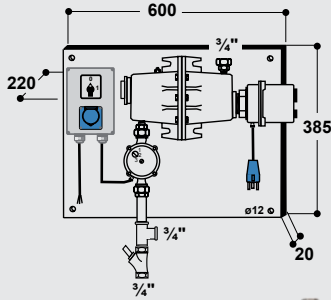


## HEATING UNITS

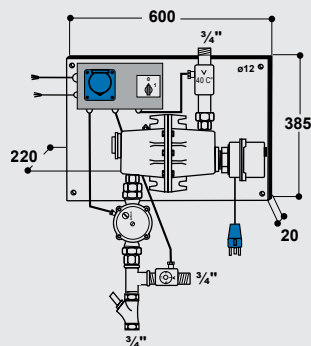
400 V 230 V  
101.0300 101.0303



included in scope of delivery:



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 unit Model 300 and Model 303 are equipped each **with one 3000 W heating element** and a **circulation pump (230 V, 100 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.

#### RECOMMENDED FOR:

Cattle, calves, horses, sheep, goats

Order Ref.	Type	Packing Hints	
101.0300	Heating unit Mod. 300, 400 V, 3000 W, pump 100 W	1 piece/box	
101.0303	Heating unit Mod. 303, 230 V, 3000 W, pump 100 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 (230 V, 100 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.

#### RECOMMENDED FOR:

Cattle, calves, horses, sheep, goats

Order Ref.	Type	Packing Hints	
101.0317	Heating unit Mod. 317, 230 V, 3000 W, pump 100 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

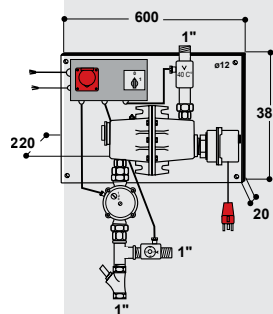
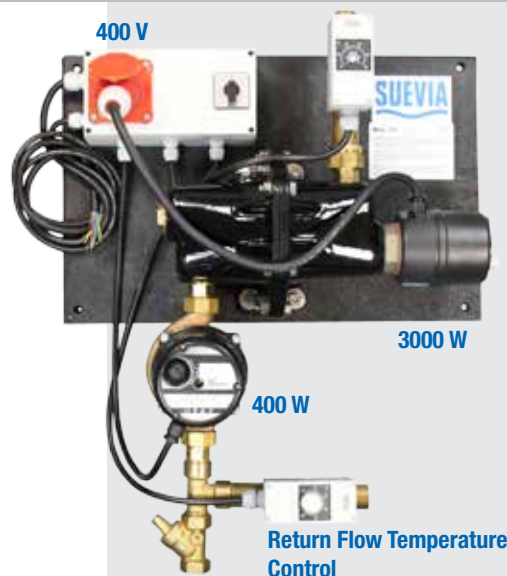
Order Ref. 101.0311

- 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 (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.

#### RECOMMENDED FOR:

Cattle, calves, horses, sheep, goats

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		
101.0308	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

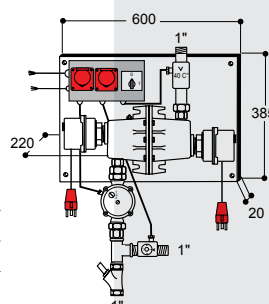
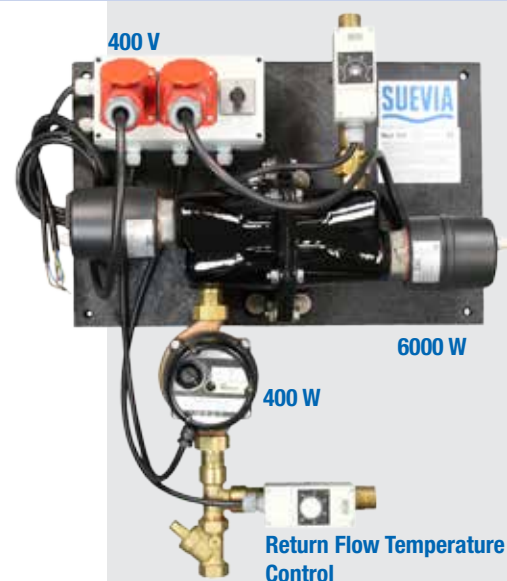
Order Ref. 101.0312

- 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 (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.

#### RECOMMENDED FOR:

Cattle, calves, horses, sheep, goats

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		
101.0308	Alarm system for water circuits	1 set/bag		



included in scope of delivery:





## HEATING UNITS



# HEAT FLOW



### INSIDER TIP!

Heating Units HEATFLOW are especially developed for keeping **circuit pipes with limy water** frost-free!

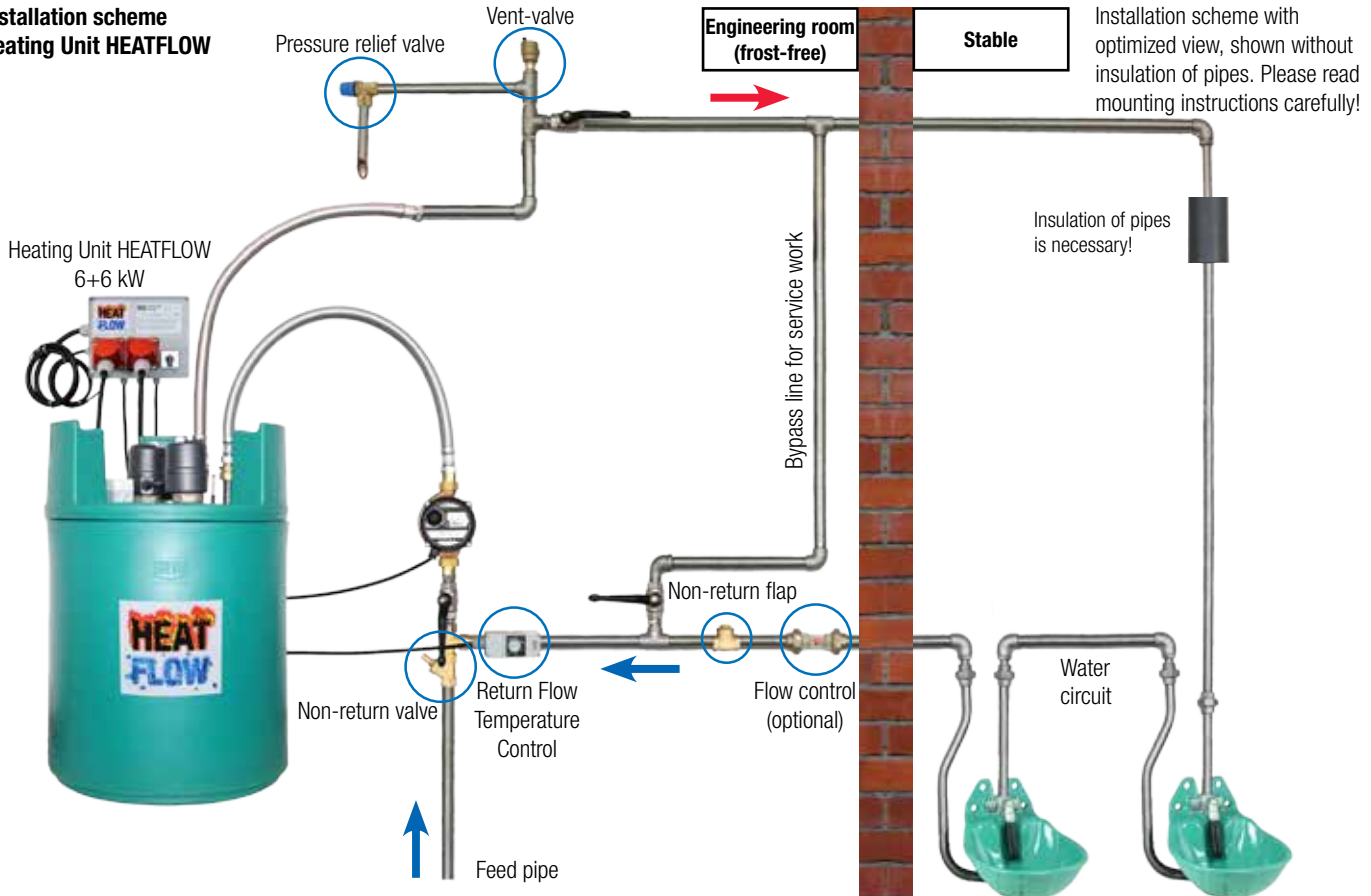
## Heating units HEATFLOW from 3 to 12 kW

- 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 (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:

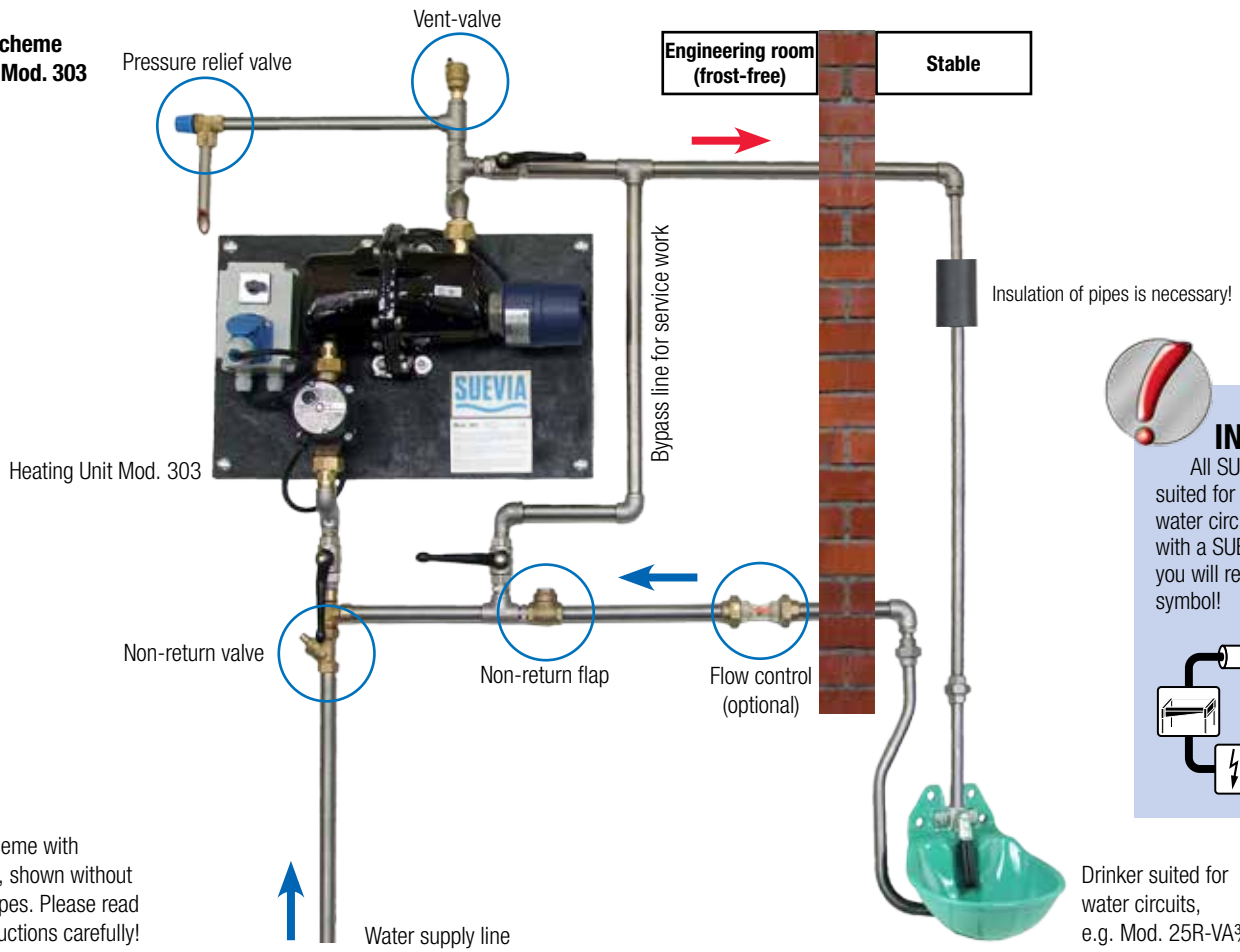
Order Ref.	Type	Heating Power	Pump Power	Circuit Length (max.)	Packing Hints
101.2203	Heating unit HEATFLOW 3 kW	<b>3 kW</b> (1x 3 kW)	400 W	250 m	2 pieces/pallet
101.2233	Heating unit HEATFLOW 3+3 kW	<b>6 kW</b> (2x 3 kW)	400 W	350 m	2 pieces/pallet
101.2206	Heating unit HEATFLOW 6 kW	<b>6 kW</b> (1x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

### Installation scheme Heating Unit HEATFLOW





### Installation scheme Heating Unit Mod. 303 (or Mod. 300)

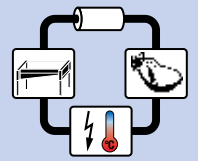


Installation scheme with optimized view, shown without insulation of pipes. Please read mounting instructions carefully!



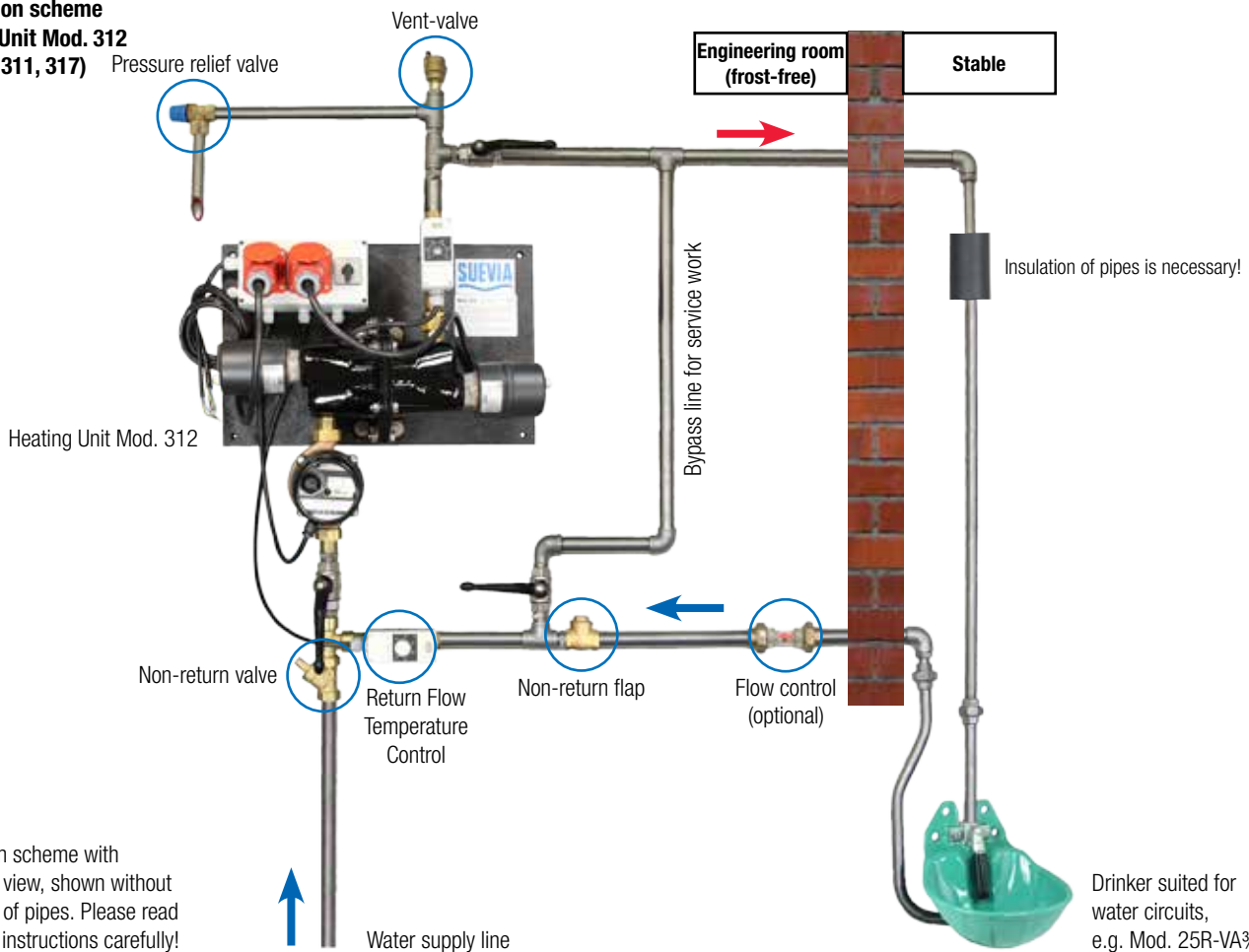
### INSIDER TIP!

All SUEVIA drinkers suited for installation into a water circuit in combination with a SUEVIA Heating Unit, you will recognize at this symbol!



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

### 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

Front evacuation

**2 DRAINAGE HOLES!**

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

**COVER CAN BE TILTED UPWARDS!**



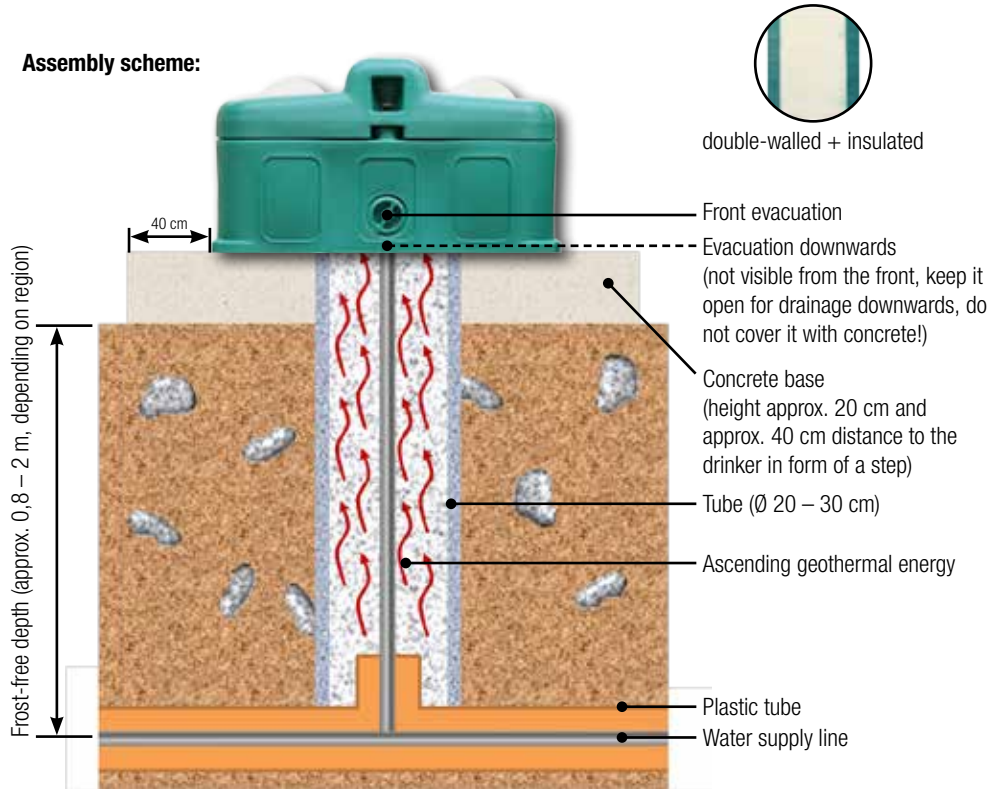
### Frost-Protected Drinkers Thermo Source

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 bowl 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 on the socle!





## 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

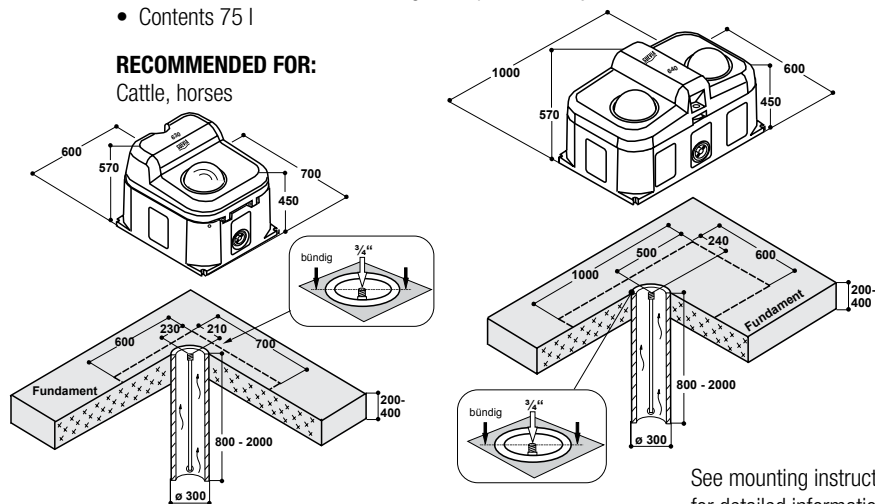
### Model 640 with two ball drinking places

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.

**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.

It is possible to install space saving **SUEVIA valve troughs** Model 500 and 520 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 page 36)

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. Through the addition of heating elements they can be kept frost-free for a low extra cost.

#### INSIDER TIP!

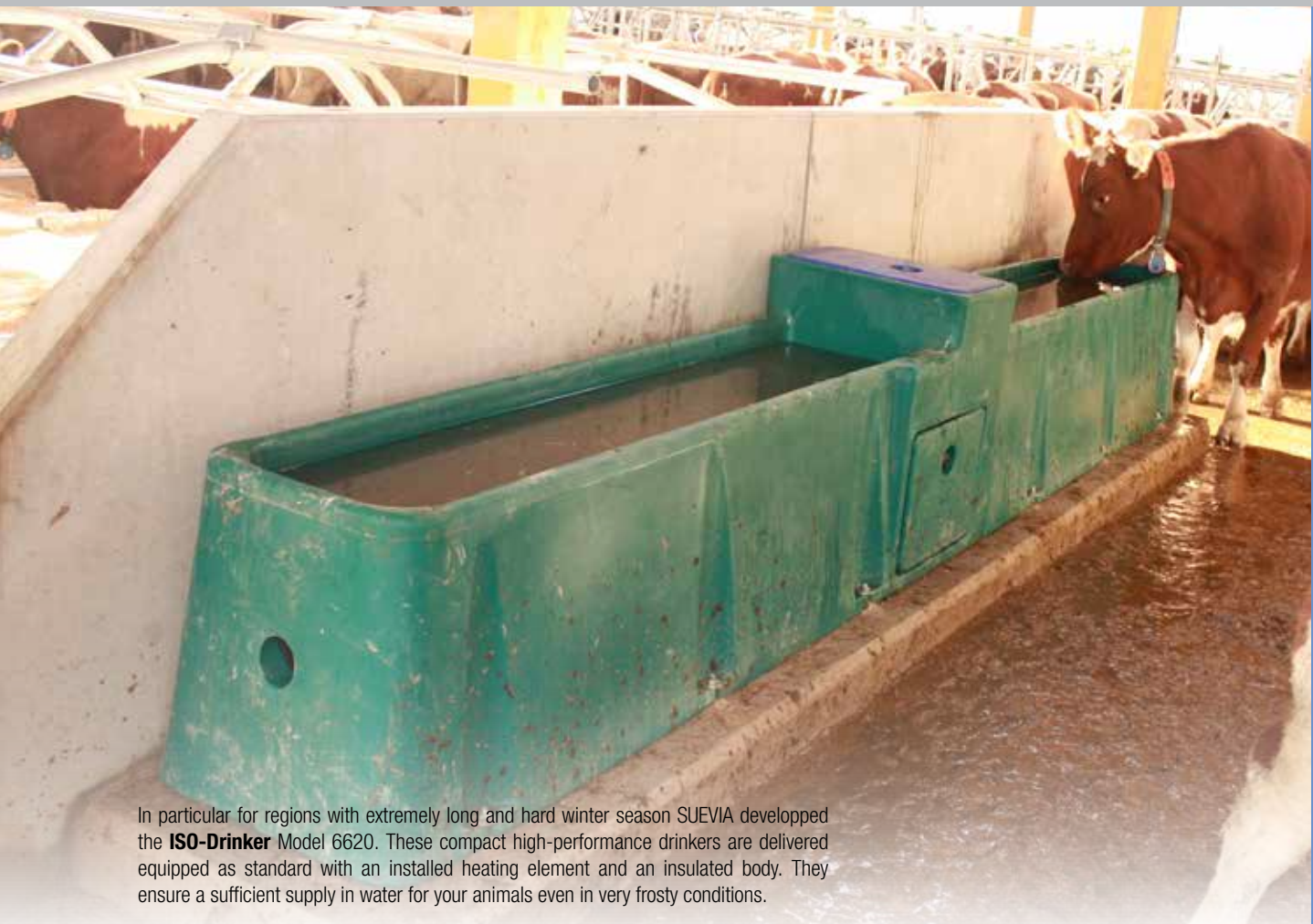
Prerequisite of a high milk production level is an optimal water supply system! Dairy cows have a very pronounced sense of taste! Especially among dairy cows, SUEVIA troughs that do not soil easily and can be quickly cleaned will soon pay off!







## 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, 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 tip-over troughs** are simply cleaned by tipping them over. We distinguish between **SUEVIA flat tip-over troughs** and **SUEVIA tip-over troughs**.

The **SUEVIA flat tip-over troughs** have a flat drinking tub. 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.

**SUEVIA tip-over troughs** have a deeper tub and compensate lower water flow input with a larger water capacity. Connection to the water supply is made by a flexible connecting 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

**NEW!**



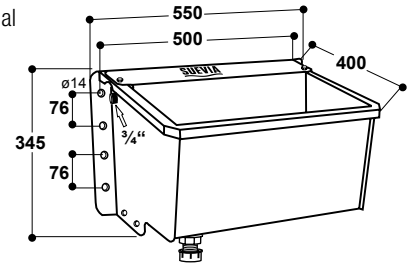
### Compact Trough Drinker in Stainless Steel

Order Ref. 130.6140



Drainage plug for evacuation and cleaning of the trough

- 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
- Contents 30 l



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

#### RECOMMENDED FOR:

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

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



#### Options of frost protection:

##### Increased frost protection for the valve down to $-35^{\circ}\text{C}$

Valve Heating Model 527 (24 V, 7 W, Order Ref. 131.0527) can be supplied on demand for subsequent installation. For power supply a SUEVIA transformer 230/24 V is necessary.



2 m: 101.0861  
3 m: 101.1863

##### Frost protection of feed pipe

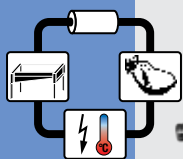
To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the feed pipe and connected to the heating element of the drinker in parallel to the power 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).



131.0524

##### Heating element 24 V, for installation under the trough (for Modell 130.6140 without inside heating element)

- Heating element Model 524 (Order Ref. 131.0524), 24 V, 80 W
- Easy fixation under the trough
- Frost protection **down to  $-10^{\circ}\text{C}$**
- 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 of 131.0524.
- 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.



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



##### Integration into a water circuit line

##### (for Model 130.6140 without inside heating element)

- $\frac{3}{4}$ " **circuit pipe in stainless steel** (Order Ref. 131.6049) suited for installation into Model 130.6140 without inside heating element. 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.
- We recommend a SUEVIA heating unit (see page 26 - 29)
- **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. For power supply a SUEVIA transformer 230/24 V is necessary.



## TROUGHS AND DRINKERS FOR FREE STALLS

### Heated Compact Trough Drinker, Stainless Steel

Order Ref. 130.6145



**NEW!**



- **Heated** 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
- ¾" male connection, possible from right or left hand side
- With drainage for quick evacuation
- Contents 30 l
- **Frost protection down to -20°C** thanks to a heating element 24 V, 180 W, Model 6063, with a stainless steel cover and cable connection box in scope of delivery. 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. 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.
- **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. Transformer 230/24 V necessary.

#### RECOMMENDED FOR:

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



← Drainage plug for evacuation and cleaning of the trough

¾" male connection, possible from right or left hand side



### Options of frost protection:

Heated compact trough drinker (Order Ref. 130.6145) is **frost protected down to -20°C** thanks to this heating element 24 V, 180 W, Model 6063, which is included in scope of delivery.

Heating element 24 V, 180 W mounted and in scope of delivery of Model 130.6145



### Increased frost protection down to -35°C for the valve

Valve Heating Model 527 (24 V, 7 W, Order Ref. 131.0527) can be supplied on demand for subsequent installation. For power supply a SUEVIA transformer 230/24 V is necessary.



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

### Frost protection of 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).



2 m: 101.0861  
3 m: 101.1863

Order Ref.	Type	Packing Hints	
130.6140	Compact Trough Drinker in Stainless Steel	1 piece	
130.6145	Heated Compact Trough Drinker in Stainless Steel	1 piece	
131.6049	Circuit pipe ¾", stainless steel	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	
101.0390	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	





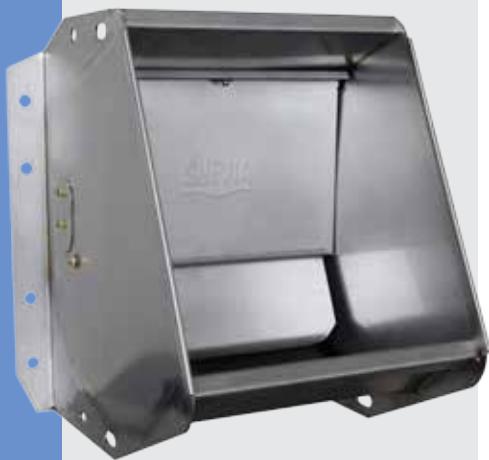
## TROUGHS AND DRINKERS FOR FREE STALLS



### 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:

- **Fixation 90°, hot-galvanized**, for Mod. 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 500, 600 (Ref. 131.1391)
- **Protection bar, hot-galvanized**, for Mod. 520, 620 (Ref. 131.1392)

#### RECOMMENDED FOR:

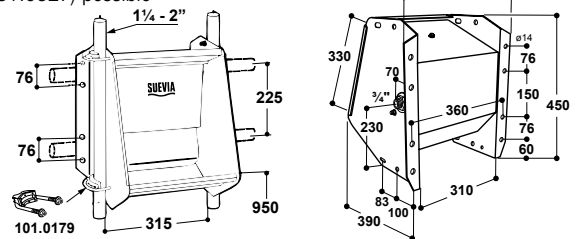
Dairy cows, cattle

### 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

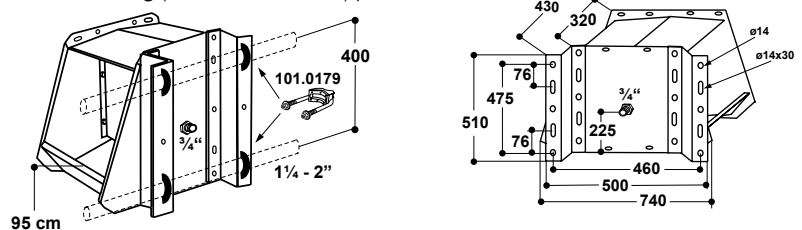


### Double Valve Trough Drinker

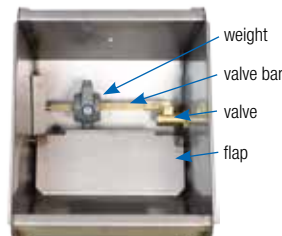
#### Model 520

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

### 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 page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

### 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).

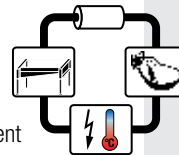
### Integration into a water circuit line

- In combination with a SUEVIA **connection set for ¾" water circuits** (Order Ref. 103.1984) an easy integration of Model 500/520 into a water circuit is possible! For connection to a water circuit we recommend SUEVIA **heating units** (see page 26 – 28).
- 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	
131.1050	Fixation 90°, hot-galvanized, for Mod. 500, 600	1 piece	
131.1391	Protection bar, hot-galvanized, for Mod. 500, 600	1 piece	
131.1392	Protection bar, hot-galvanized, for Mod. 520, 620	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 ¾" water circuits	1 piece/bag	



**VALVE HEATING**



103.1984 for Mod. 500 and Mod. 520



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



131.1392 Protection bar, hot-galvanized, for Mod. 520 and 620



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





## 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 and in combination with a SUEVIA heating unit Model 300, 303, 311, 312
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or tube mounting

#### ACCESSORIES:

- **Fixation 90°, hot-galvanized**, for Mod. 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 500, 600 (Ref. 131.1391)
- **Protection bar, hot-galvanized**, for Mod. 520, 620 (Ref. 131.1392)

#### RECOMMENDED FOR:

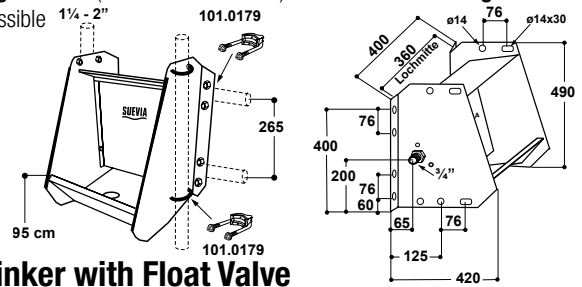
Dairy cows and cattle with nose or anti-suction ring

### 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

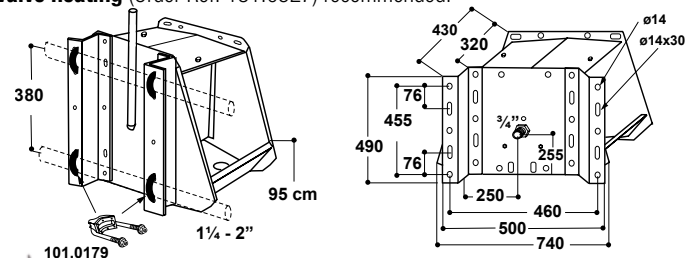


### Double Trough Drinker with Float Valve

#### 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 page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

### 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) an easy integration of Model 600/620 into a water circuit is possible! For connection to a water circuit we recommend SUEVIA **heating units** (see page 26 – 29).
- 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	
131.1050	Fixation 90°, hot-galvanized, for Mod. 500, 600	1 piece	
131.1391	Protection bar, hot-galvanized, for Mod. 500, 600	1 piece	
131.1392	Protection bar, hot-galvanized, for Mod. 520, 620	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	1 piece/bag	



131.0524



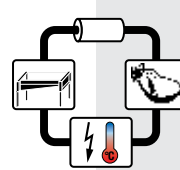
131.0527  
Valve Heating  
installed in Model  
600



**VALVE  
HEATING**



2 m: 101.0861  
3 m: 101.1863



103.1984  
for Mod. 600 and Mod. 620



131.1392  
Protection bar,  
hot-galvanized,  
for Mod. 520 and 620



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



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





## TROUGHS AND DRINKERS FOR FREE STALLS



without legs:  
wall fixation version

with legs:  
ground fixation version



### SUEVIA Quick Drainage Trough

140 cm, 190 cm, 230 cm, 285 cm for wall and ground fixation

- **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.

#### 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		
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		

#### INSIDER TIP!

**No tipping-over – direct drainage!**

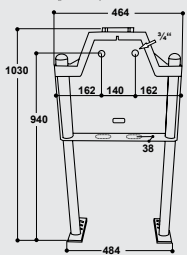
Water is directly channeled downwards through drainage tube! **No ice in front of the trough in winter season!**



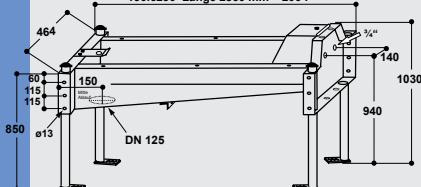
Photo with additionally installed low pressure float valve (yellow)



Bite protection plate  
131.6085



130.6214 Länge 1400 mm = 100 l  
130.6219 Länge 1900 mm = 130 l  
130.6223 Länge 2300 mm = 160 l  
130.6230 Länge 2850 mm = 200 l







## 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 page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

Trough (Order Ref.)	Length	Contents	Heating Elemnt (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 page 23). 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.

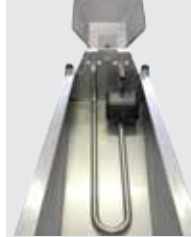


#### Option C: Connection to a **water circuit** (two options):

**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.

##### Option C1:

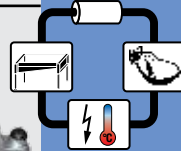


3/4" circuit pipe  
131.6064

##### Option C2:



Connection set for 1" water circuits  
131.6067



#### 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 D:

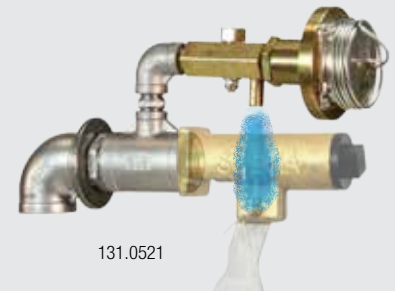


131.0527

#### 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!



131.0521

**VALVE HEATING**





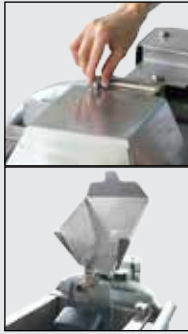
## TROUGHS AND DRINKERS FOR FREE STALLS



**NEW LENGTH - 3,0 M!**



Float valve cover can be pivoted upwards without use of tools!



### MAXIMUM OF COW COMFORT!

Cows prefer to dip their muzzle only a few centimeters below the water surface and drink water in long draughts, drinking up to 25l/min. In standard tip over troughs the disadvantage of insufficient water inflow is compensated for by their large and voluminous form. At the same time, however, this can result in dirty water arising from fodder leftovers or other contaminants. The specialty of the SUEVIA flat tip-over trough is its combination of the float valve MASTERFLOW and its shallow drink bowl shape. The result is the ultimate in cow comfort, cleanliness and economic operation.



131.0580

Bite protection shield, connection of water line from the side

131.0579

Bite protection shield, connection of water line from beneath



### SUEVIA Flat Tip-Over Through with MASTERFLOW Float Valve



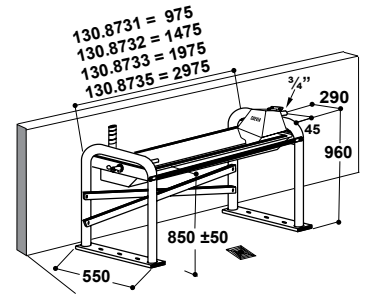
100 cm, 150 cm, 200 cm, 300 cm for wall and ground fixation

- Trough completely **made of stainless steel**
- 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
- **Float valve cover can be pivoted upwards without use of tools!**
- **Water-saving flat drinking trough:** 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
- Less slurry!
- Animal-friendly construction without salient edges nor corners
- Free and easy access to the water surface and optimal drinking height
- Galvanized fixation frame for wall and ground fixation

#### ACCESSORIES:

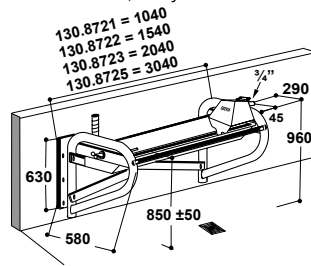
- **Bite protection shield**, for SUEVIA frost protection heating cables when mounted on SUEVIA flat tip-over troughs:
  - if water line comes **from beneath** (Order Ref. 131.0579)
  - if water line is connected **from the side** (Order Ref. 131.0580)

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents
130.8721	130.8731	1,0 m	35 l
130.8722	130.8732	1,5 m	55 l
130.8723	130.8733	2,0 m	75 l
130.8725	130.8735	3,0 m	105 l



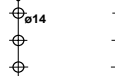
#### RECOMMENDED FOR:

Cattle, dairy cows



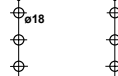
Drilling pattern:

130.8721 = 1000  
130.8722 = 1500  
130.8723 = 2000  
130.8725 = 3000



Drilling pattern:

130.8731 = 925  
130.8732 = 1425  
130.8733 = 1925  
130.8735 = 2925



Order Ref.	Type	Packing Hints		
130.8721	Flat tip-over trough 1,0 m, for wall mounting	1 piece		
130.8722	Flat tip-over trough 1,5 m, for wall mounting	1 piece		
130.8723	Flat tip-over trough 2,0 m, for wall mounting	1 piece		
130.8725	Flat tip-over trough 3,0 m, for wall mounting	1 piece		
130.8731	Flat tip-over trough 1,0 m, for ground mounting	1 piece		
130.8732	Flat tip-over trough 1,5 m, for ground mounting	1 piece		
130.8733	Flat tip-over trough 2,0 m, for ground mounting	1 piece		
130.8735	Flat tip-over trough 3,0 m, for ground mounting	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		
131.0579	Bite protection shield, inox, connection from beneath	1 piece		
131.0580	Bite protection shield, inox, connection from the side	1 piece		
131.0590	3/4" circuit pipe, for flat tip-over trough	1 piece		



## 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. 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 power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer, see page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents	Heating Element (Order Ref.)	Voltage, Power
130.8721	130.8731	1,0 m	35 l	131.6060	24 V, 180 W
130.8722	130.8732	1,5 m	55 l	131.6061	24 V, 180 W
130.8723	130.8733	2,0 m	75 l	131.6062	24 V, 360 W
130.8725	130.8735	3,0 m	105 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. 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.

For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

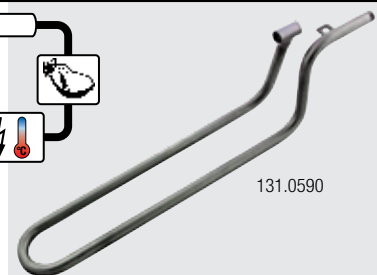
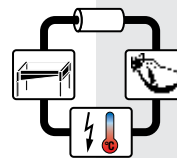
To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply 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).



131.6063

#### Option C: Connection to a water circuit

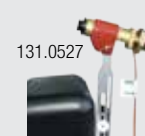
**¾" circuit pipe in stainless steel** (Order Ref. 131.0590) suited for installation into SUEVIA flat tip-over troughs with a MASTERFLOW float valve. If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.



131.0590

#### 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.



131.0527



VALVE HEATING





## TROUGHS AND DRINKERS FOR FREE STALLS



wall fixation version



ground fixation version

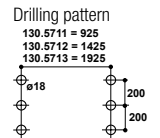
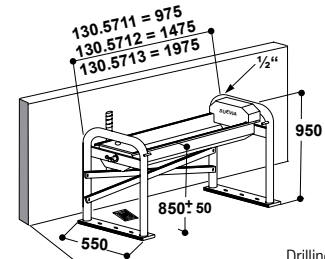
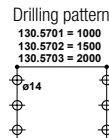
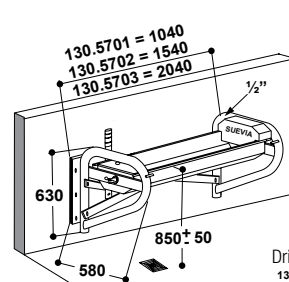


### SUEVIA Tip-Over Trough

100 cm, 150 cm, 200 cm for wall and ground fixation

- First-class **stainless steel trough**
- With tip-over-mechanism for quick drainage and easy cleaning
- With galvanized fixation frame for wall and ground fixation
- Animal-friendly construction: ideal drinking height and free access to water surface
- High-performance float valve, 1/2" male connection, water flow up to 25 l/min (7 gallons/min)
- Float valve cover with quick opening and fastening device
- Connection to water line by means of a flexible tube has to be effected on the spot, since during emptying action the trough also makes the tipping motion

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents
130.5701	130.5711	1,0 m	45 l
130.5702	130.5712	1,5 m	70 l
130.5703	130.5713	2,0 m	100 l



**RECOMMENDED FOR:**  
Cattle, dairy cows

Order Ref.	Type	Packing Hints	
130.5701	Tip-over trough 1,0 m, for wall mounting	1 piece	
130.5702	Tip-over trough 1,5 m, for wall mounting	1 piece	
130.5703	Tip-over trough 2,0 m, for wall mounting	1 piece	
130.5711	Tip-over trough 1,0 m, for ground mounting	1 piece	
130.5712	Tip-over trough 1,5 m, for ground mounting	1 piece	
130.5713	Tip-over trough 2,0 m, for ground mounting	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	
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	
131.0526	1/2" frost protection guard	1 piece/box	





### Options for frost protection:

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

- 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. 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 power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer, see page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents	Heating element (Order Ref.)	Voltage, Power
130.5701	130.5711	1,0 m	45 l	131.6060	24 V, 180 W
130.5702	130.5712	1,5 m	70 l	131.6061	24 V, 180 W
130.5703	130.5713	2,0 m	100 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. 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.

For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23).

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).



131.6063

#### Option C: Frost protection by running water

**SUEVIA ½" frost protection guard** with connection parts (Order Ref. 131.0526).

For subsequent installation into SUEVIA tip-over 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 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.



131.0526





## TROUGHS AND DRINKERS FOR FREE STALLS



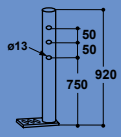
**360 LITERS OF STORAGE**



without legs:  
wall fixation version

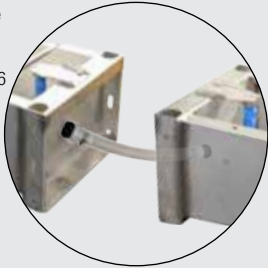


with legs:  
ground fixation version



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



### 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!**

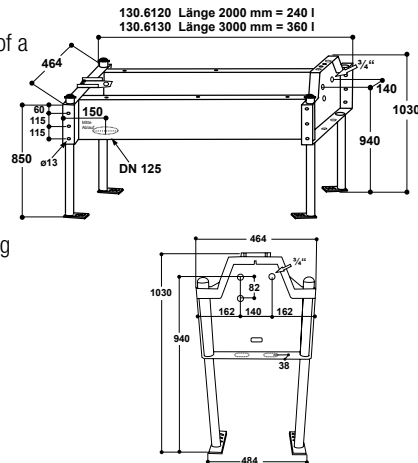
### SUEVIA Volume Trough

for warmed-up water from milk cooling system  
200 cm and 300 cm, 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: length 2,0 m, contents 240 l
- 130.6130: length 3,0 m, contents 360 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 tiltable 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.



#### 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	
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	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	

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





## 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 page 23)
- 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. 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

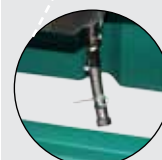
### ACCESSORIES

- **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		



Incl. armoured tube and frost protection heating cable 24 V



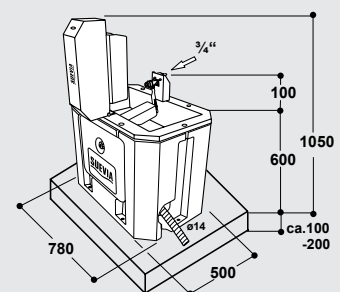
Drainage plug in the bowl's bottom



Drainage hole

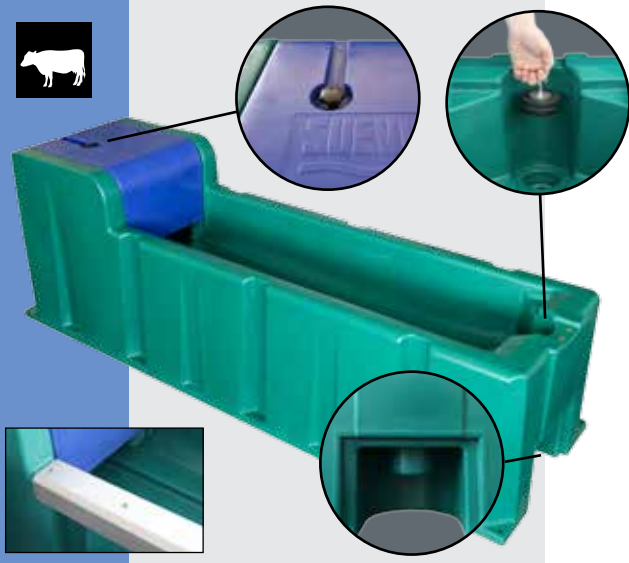


We recommend to mount the trough on a concrete base of approx. 20 cm of height





## TROUGHS AND DRINKERS FOR FREE STALLS

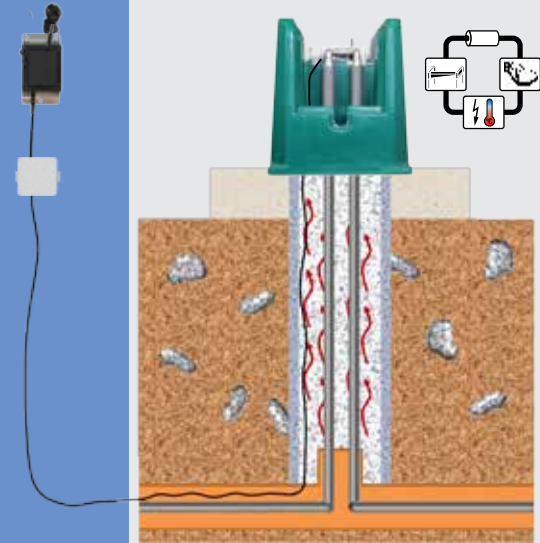


Anti-bite protection 131.6065 for young animals with still growing teeth

drainage



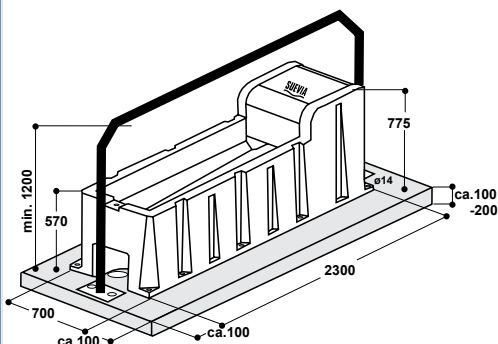
Two troughs installed head-to-head!



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 the animals from jumping into the trough, a 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 page 23). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 23). 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 p. 26 – 29)



#### ACCESSORIES:

- Heating element Model 6069, 24 V, 180 W (Order Ref. 131.6069)
- Anti-bite protection, 1 pair (Order Ref. 131.6065), necessary when used for young animals with still 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, for young animals with still growing teeth with protection plate against biting

Order Ref.	Type	Packing Hints		
130.6523	Thermo Trough Drinker Mod. 6523, 2,3 m	6 pieces/pallet		
131.6065	Anti-bite protection, 1 pair, for Mod. 6523	1 set		
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		
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



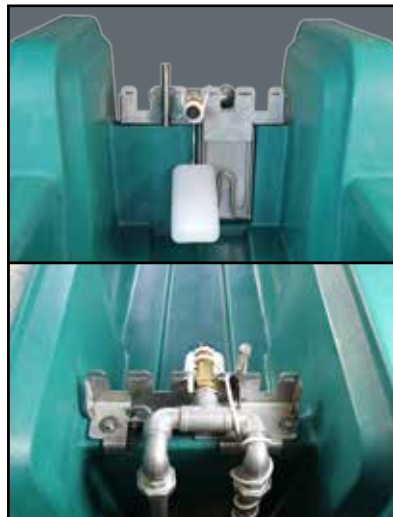
**Option E:**  
1x MAXIFLOW float valve  
(up to 40 l/min!)  
2x low pressure float valve



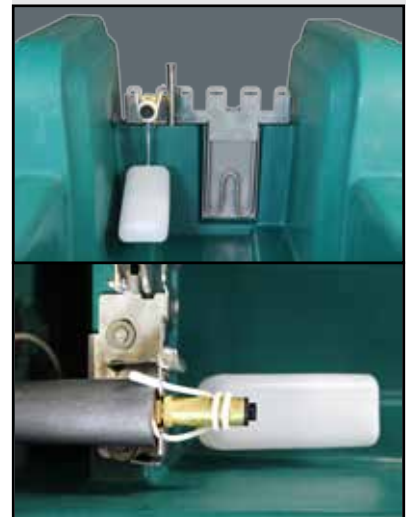
**Option F:**  
2x MAXIFLOW float valve  
(up to 80 l/min!)  
1x low pressure float valve



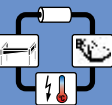
**Option G:**  
1x MAXIFLOW float valve  
(connected to a water circuit)  
1x heating element 24 V, 180 W



**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

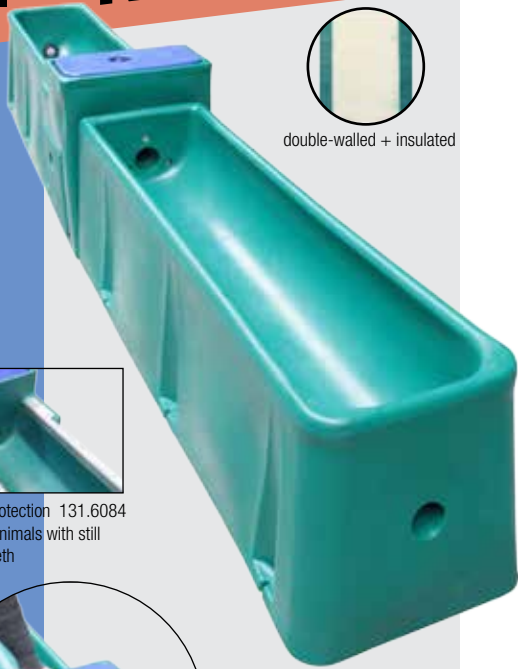




## TROUGHS AND DRINKERS FOR FREE STALLS



# NEW!



double-walled + insulated



Anti-bite protection 131.6084 for young animals with still growing teeth



Float valve cover can be opened without use of tools



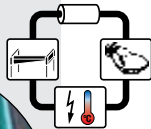
Large service aperture for water and power supply connection



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



## 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 6072**, 24 V, 180 W (Order Ref. 131.6072) **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 26 – 29)
- **Connection set 1" for water circuits** (Order Ref. 103.1988)
- **MAXIFLOW float valve Model 700** (Order Ref. 131.0700)
- **Bite Protection Plates**, 1 set of 4 pieces (Order Ref. 131.6084), for young animals with still growing teeth



131.6072 Heating Element

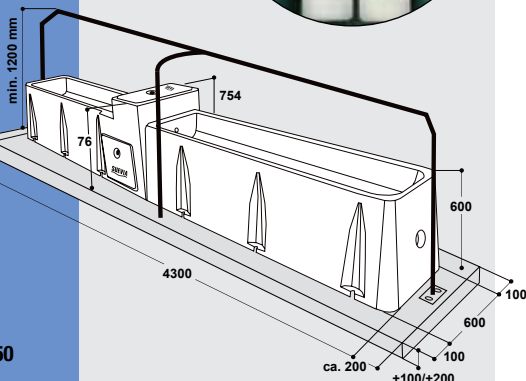


103.1988 Connection set 1" for water circuits

### RECOMMENDED FOR:

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

Order Ref.	Type	Packing Hints		
130.6543	Thermo Trough Drinker Mod. 6543, 4,3 m	2 pieces/pallet		
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		
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		
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		
101.2203	Heating unit HEATFLOW 3 kW	2 pieces/pallet		
101.2233	Heating unit HEATFLOW 3+3 kW	2 pieces/pallet		
101.2206	Heating unit HEATFLOW 6 kW	2 pieces/pallet		
101.2266	Heating unit HEATFLOW 6+6 kW	2 pieces/pallet		





## 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**



## TROUGHS AND DRINKERS FOR FREE STALLS



130.5900  
for wall fixation

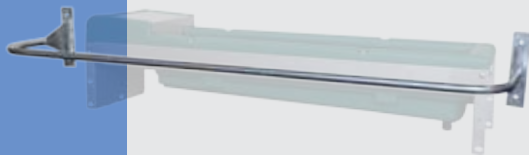


130.5910  
for ground fixation

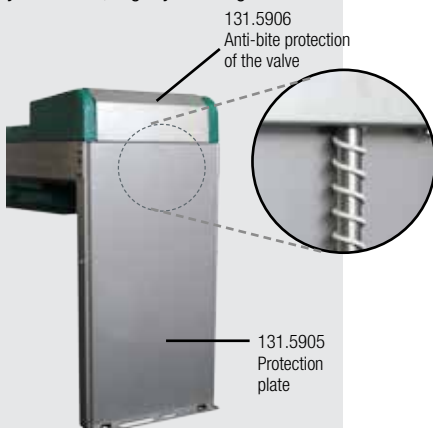


STAINLESS STEEL

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

### SUEVIA Trough Drinker Model 5900

Wall fixation

Order Ref. 130.5900

Ground fixation

Order Ref. 130.5910

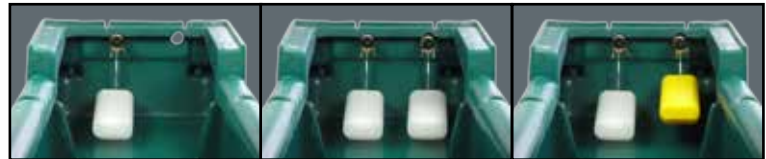
- Large trough with inclined bottom, made of **UV-resistant polyethylene**, frame and consoles made of stainless steel
- With drainage hole
- Equipped as standard with MAXIFLOW float valve for water flow up to 40 l/min (11 gallons/min), 3/4" male frontal connection
- Dimensions (length x width) 200 cm 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 page 23)

#### RECOMMENDED FOR:

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



**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		



## TROUGHS AND DRINKERS FOR FREE STALLS



### Trough for Free Stalls and Pasture

#### Model WT30

Order Ref. 160.0030

#### Model WT30-N (low pressure up to 1 bar)

Order Ref. 160.0031

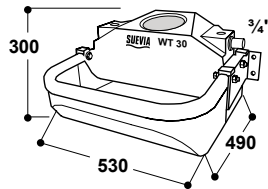
- **Trough with float valve** made of premium **UV-resistant polyethylene** for wall fixation, contents 30 l (8 gallons)
- Integrated MAXIFLOW float valve providing a water flow of up to 40 l/min (11 gallons/min)
- 3/4" male connection from the right hand or left hand side possible
- Easy access to float 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 26 – 29).

#### 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

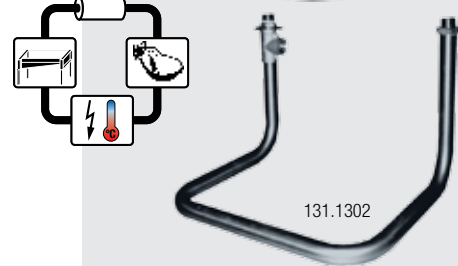
Order Ref.	Type	Packing Hints		
160.0030	Trough for free stalls and pasture Mod. WT30	1 piece		
160.0031	Trough for free stalls and pasture Mod. WT30-N	1 piece		
131.1301	Protection bracket, galvanized, with fixing parts	1 piece		
131.1302	Circuit pipe 3/4", for WT30	1 piece		



drainage plug for evacuation and cleaning of the trough



131.1301



131.1302

### Drinker for Free Stalls and Pasture

#### Model WT80

Order Ref. 160.0102

#### Model WT80-N (low pressure up to 1 bar)

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" female connection) available: then suited for water pressure **max. 1 bar** (Order Ref. 160.0106)



131.1340

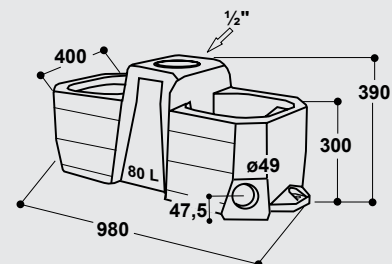
#### ACCESSORIES:

- **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		





## PASTURE TROUGHS AND DRINKERS FOR CATTLE

### Pasture Troughs and Drinkers for Cattle

In the following text we would like to give you an insight into our **SUEVIA pasture trough range**. With our products you will always find the right solution for every situation!

Because pasturing animals often display typical herd behaviour and go "en masse" to drink sufficient provision of drinking facilities should be made. Depending on the herd size we can offer you special pasture troughs, holding from 30 and up to 1500 litres.

On pastures that have a water supply and connection to high water pressure (e.g. near to the stall) standard troughs or small pasture troughs are liked to be taken as the local supply ensures that enough water is readily available.

Should animals move from one pasture to another **SUEVIA pasture troughs are always first choice** as they can be easily drained and transported to the next pasture.

To provide the animals with water using pasture tanks we offer a selection of different **drinkers** which can easily be **connected to pasture tanks** with connection flanges.

In order to reduce costs and time intensive water transport surface water can be taken for water supply. Especially for this purpose we have developed the **SUEVIA membrane pasture pumps** which have proved to be very successful. **Membrane pasture pumps WINTERPROOF** provide water to the animals even during winter season.

In addition to the choice of the optimal trough technology, good water quality is of utmost importance. Regular inspection of the water quality is essential when using water from a natural source.



#### 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" male thread, 70 cm 3/4" 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 TROUGHS AND DRINKERS FOR CATTLE



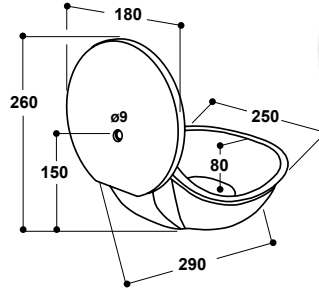
### Water Tank Drinker Model 98

Order Ref. 100.0098

- 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

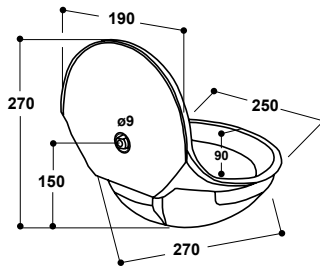
### Water Tank Drinker Model 180P

Order Ref. 100.0180

- 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

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

Order Ref. 100.0131

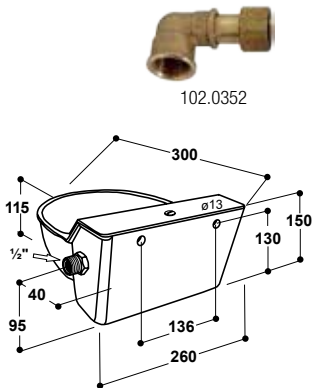
- Large bowl made of **high quality plastic**
- With installed **low pressure float valve**
- For low water pressure **up to max. 1 bar**
- Removable cover in stainless steel
- No sharp edges, no risk of injury!
- With **plug** for quick drainage
- Constant water level – simple adjustment
- ½" brass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



Water Tank 500 l (see p. 59) with drinking bowl Mod. 130P-N

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





## PASTURE TROUGHS AND DRINKERS FOR CATTLE



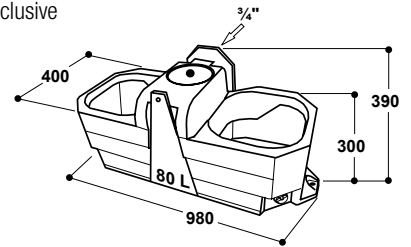
### Double Water Tank Drinker Model FT80

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

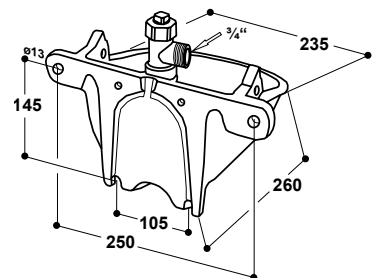
- Large drinking bowl made of **cast iron, with white enameled interior**
- High water flow: up to 6 l/min at low pressure
- Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue
- **3/4" male connection from all sides (360°)**
- 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	







## PASTURE TROUGHS AND DRINKERS FOR CATTLE



**NEW!**

### Trough for Free Stalls and Pasture

#### Model WT30

Order Ref. 160.0030

#### Model WT30-N (low pressure up to 1 bar)

Order Ref. 160.0031

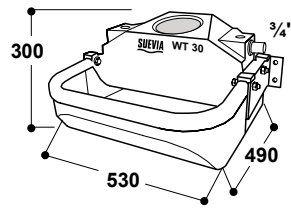
- **Trough with float valve** made of premium **UV-resistant polyethylene** for wall fixation, contents 30 l (8 gallons)
- Integrated **MAXIFLOW** float valve providing a water flow of up to **40 l/min** (11 gallons/min)
- $\frac{3}{4}$ " male connection from the right hand or left hand side possible
- 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 **up to 1 bar** (Order Ref. 160.0031)

#### ACCESSORIES:

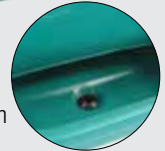
- **Protection bracket** (Order Ref. 131.1301), galvanized

#### RECOMMENDED FOR:

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



drainage plug for evacuation and cleaning of the trough



131.1301

Order Ref.	Type	Packing Hints		
160.0030	Trough for free stalls and pasture Model WT30	1 piece		
160.0031	Trough for free stalls and pasture Model WT30-N	1 piece		
131.1301	Protection bracket, galvanized, with fixing parts	1 piece		

### Drinker for Free Stalls and Pasture

#### Model WT80

Order Ref. 160.0102

#### Model WT80-N (low pressure up to 1 bar)

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**,  $\frac{1}{2}$ " 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** ( $\frac{3}{4}$ " female connection) available: then suited for water pressure **max. 1 bar** (Order Ref. 160.0106)

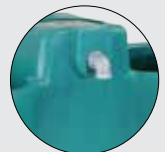
#### ACCESSORIES:

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

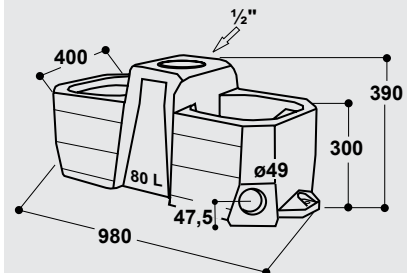
#### RECOMMENDED FOR:

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

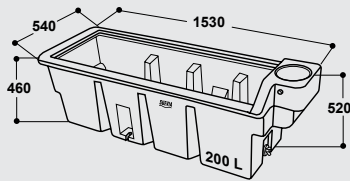




## PASTURE TROUGHS AND DRINKERS FOR CATTLE



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 page 62

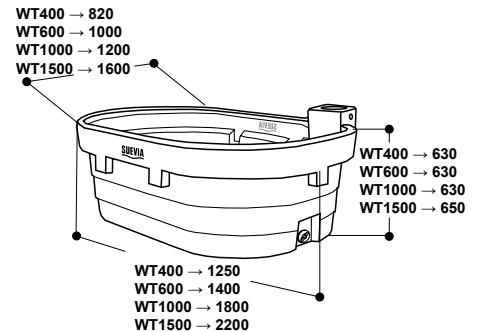
#### Available sizes:

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, 131.0675
WT 400	160.0104	400	125 x 82 x 63 cm	131.0671, 131.0675
WT 600	160.0100	600	140 x 100 x 63 cm	131.0671, 131.0675
WT 1000	160.0101	1000	180 x 120 x 63 cm	131.0671, 131.0675
WT 1500	160.0105	1500	220 x 160 x 65 cm	131.0671, 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	
131.0675	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	





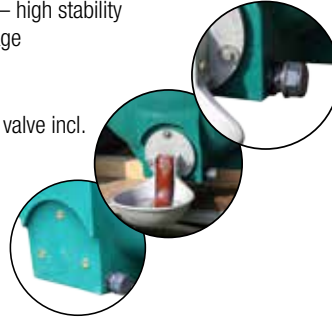
## PASTURE TROUGHS AND DRINKERS FOR CATTLE

### 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 e.g. drinking bowl Mod. 98



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



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





## PASTURE TROUGHS AND DRINKERS FOR CATTLE

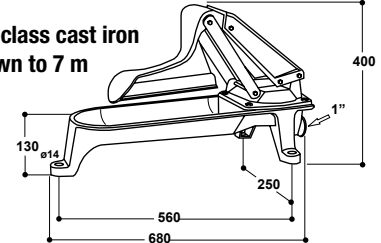


### Diaphragm pasture pump with bowl in cast iron

#### 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

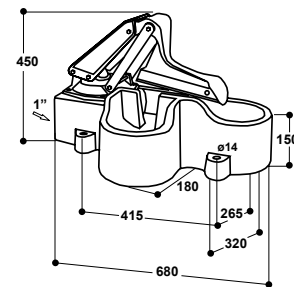
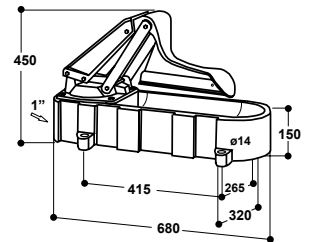
#### Model 545-STANDARD

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



**bowl for young animals**

100.0546 JUNIOR

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	



### 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!



## PASTURE TROUGHS AND DRINKERS FOR CATTLE

### 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 – 8 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

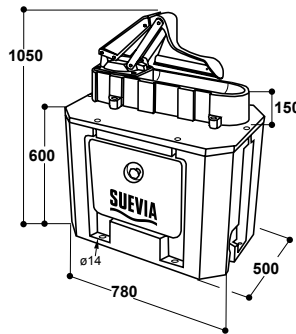


101.0543



101.0542

**FROST-FREE ON PASTURE  
WITHOUT ELECTRICITY**



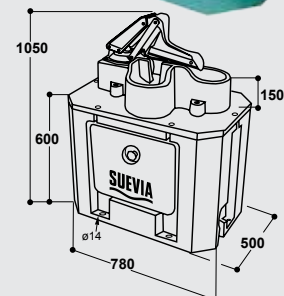
100.0552 WINTERPROOF



Paraffin heating element (Order Ref. 101.0550): capacity approx. 2,25 l, continuous burning up to 5 – 8 days



100.0553 WINTERPROOF-JUNIOR



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		





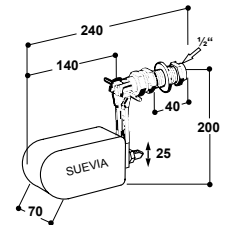
## ACCESSORIES FOR CATTLE DRINKING BOWLS

### Membrane Float Valve

#### Model 671

Order Ref. 131.0671

- For installation into troughs and tanks
- Water flow up to 25 l/min (7 gallons/min)
- ½" male connection
- For water pressure up to **max. 5 bar**
- Suited for all SUEVIA pasture troughs Model WT200 – WT1500

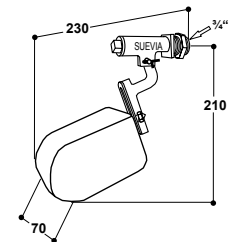


### Low Pressure Float Valve

#### Model 675

Order Ref. 131.0675

- Suited for all SUEVIA pasture troughs Model WT200 – WT1500 and WT80
- ¾" male connection
- For water pressure up to **max. 1 bar**
- With stainless steel nozzle!

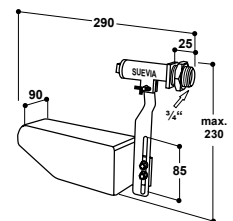


### MAXIFLOW Float Valve

#### Model 700

Order Ref. 131.0700

- High-performance float valve, water flow up to 40 l/min (11 gallons/min)
- For installation into troughs and tanks
- ¾" male connection
- For water pressure up to **max. 5 bar**
- With stainless steel nozzle!

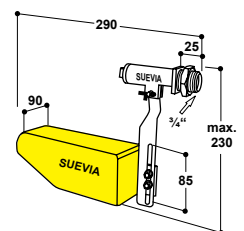


### Low Pressure Float Valve

#### Model 738

Order Ref. 131.0738

- For installation into troughs and tanks
- ¾" male connection
- For water pressure up to **max. 1 bar** (yellow floater)
- With stainless steel nozzle!



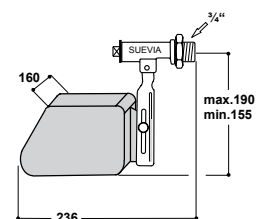
### MASTERFLOW Float Valve

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

Order Ref. 131.0723

Order Ref. 131.0739

- For installation into troughs and tanks
- ¾" 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.	Type	Packing Hints		
131.0671	Membrane float valve, Mod. 671	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		



**NEW!**

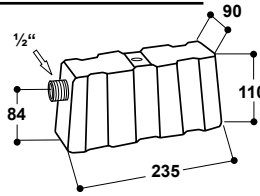


## ACCESSORIES FOR CATTLE DRINKING BOWLS

### 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



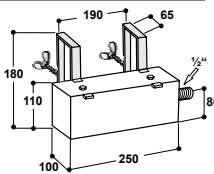
#### ACCESSORIES:

- 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

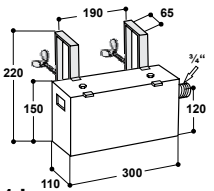


### High-Performance MAXIFLOW Float Valve for high water pressure (1-5 bar): Model 874 for low water pressure (max. 1 bar): Model 475

- 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

Best.-Nr. 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 regulates a "floating weight". This is connected with the valve, mounted above the tank, by means of a rope. 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



**NEW!**



131.0717

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 CATTLE DRINKING BOWLS

### STAINLESS STEEL CONNECTION PIPES



### 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 inox 1/2", 10 cm, straight, m, m	1 piece		
103.1939	Connection pipe inox 1/2", 15 cm, straight, m, m	1 piece		
103.1934	Connection pipe inox 1/2", 25 cm, straight, m, m	1 piece		
103.1935	Connection pipe inox 1/2", 35 cm, straight, m, m	1 piece		
103.1941	Connection pipe inox 1/2", 50 cm, straight, m, m	1 piece		
103.1942	Connection pipe inox 1/2", 75 cm, straight, m, m	1 piece		
103.1943	Connection pipe inox 1/2", 100 cm, straight, m, m	1 piece		
103.1948	Connection pipe inox 1/2", 125 cm, straight, m, m	1 piece		
103.1949	Connection pipe inox 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 inox 1/2", 50 cm, straight, f, m	1 piece		
103.1932	Connection pipe inox 1/2", 75 cm, straight, f, m	1 piece		
103.1933	Connection pipe inox 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 inox 3/4", 10 cm, straight, m, m	1 piece		
103.1994	Connection pipe inox 3/4", 15 cm, straight, m, m	1 piece		
103.1995	Connection pipe inox 3/4", 50 cm, straight, m, m	1 piece		
103.1996	Connection pipe inox 3/4", 75 cm, straight, m, m	1 piece		
103.1997	Connection pipe inox 3/4", 100 cm, straight, m, m	1 piece		
103.1998	Connection pipe inox 3/4", 125 cm, straight, m, m	1 piece		
103.1999	Connection pipe inox 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, inox, 1/2" male	1 piece		
103.1972	Hose nipple, inox, 1/2" female, with sealing	1 piece		

### Armoured Hose for Connection of Drinking Bowls 1/2", 3/4" or 1"

- Flexible armoured hose for connection of drinking bowls
- With **stainless steel wire woven around**
- Versions in 1/2", 3/4" 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 1/2"	1 piece		
101.1277	Armoured hose 500 mm f/m 1/2"	1 piece		
101.1278	Armoured hose 300 mm f/m 3/4"	1 piece		
101.1279	Armoured hose 500 mm f/m 3/4"	1 piece		
132.1182	Armoured hose 700 mm f/m 3/4"	1 piece		
101.1280	Armoured hose 1000 mm f/f 1"	1 piece		





## ACCESSORIES FOR CATTLE DRINKING BOWLS

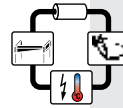
**NEW!**

### 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),  
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 inox 3/4", for drinking bowls	1 piece	



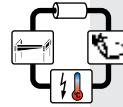
103.2005

### 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 inox 3/4", for troughs Mod. 500, 520, 600, 620	1 piece	



103.2006

### 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

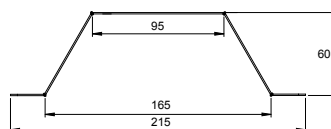


Order Ref.	Type	Packing Hints	
101.0965	Lick stone holder, stainless steel	1 piece	

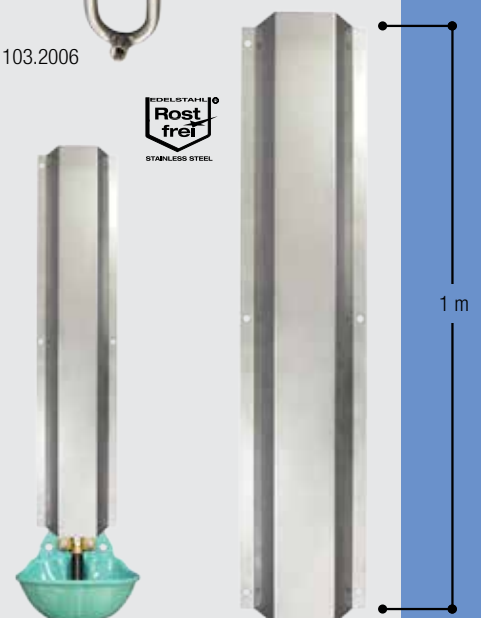
### Protection Plate, Stainless Steel

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



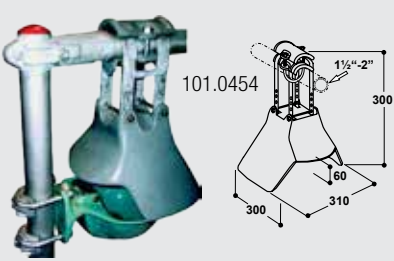
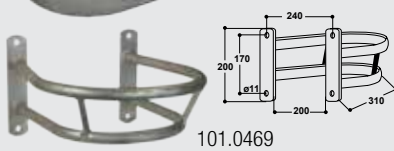
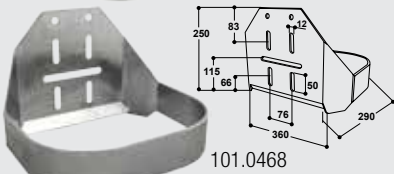
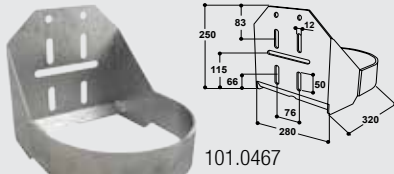
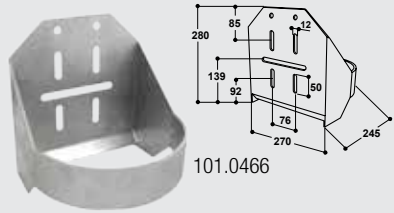
Order Ref.	Type	Packing Hints	
103.1958	Protection plate, stainless steel, length 1 m	1 piece	



protection plate with Mod. 25R-MS1/2"



## ACCESSORIES FOR CATTLE DRINKING BOWLS



Adapter plate: 101.1240  
View on stand pipe and with additional fixing brackets



### Protection Brackets for Drinking Bowls

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

Order Ref.	Suited for
101.0466 galvanized	Model 10P and 20 for wall and pipe fixation (1 1/2" – 2")
101.0467 galvanized	Model 115, 25R, 12P for wall and pipe fixation (1 1/2" – 2") and Model 1200 for wall and pipe fixation (1 1/2")
101.0468 galvanized	Model 19R for wall and pipe fixation (1 1/2" – 2")
101.0469 galvanized	Model 10P, 20, 12P, 25R, 46, 115, 1100 and 1200 only for wall fixation
102.0249	Valve protection in stainless steel. For Model 25R, 12P, 18P, 46, 375, 1200, 1200P for brass and stainless steel valves
101.0454	<b>SUEVIA Mud Protection Bell</b> is installed to swing over the drinking bowl and to protect the bowl against the mus entrance. Suited for all drinking bowls for cattle. For installation foresee a horizontal pipe (1 1/2" – 2") over the drinking bowl.

Order Ref.	Type	Packing Hints		
101.0466	Protection bracket Mod. 466	1 piece		
101.0467	Protection bracket Mod. 467	1 piece		
101.0468	Protection bracket Mod. 468	1 piece		
101.0469	Protection bracket Mod. 469	1 piece		
102.0249	Valve protection bracket	1 piece		
101.0454	Mud protection bell Mod. 454	1 piece		

### Adapter Plate for 2 1/2" – 3 1/2" Pipes

- Adapter plate, galvanized, for fixation of all current SUEVIA drinking bowls on 2 1/2" – 3 1/2" 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 2 1/2" pipes / 77 mm (Order Ref. 101.1241), galvanized, with nuts and washers
- Fixing bracket** for 3 1/2" pipes / 102 mm (Order Ref. 101.1242), galvanized, with nuts and washers

Order Ref.	Type	Packing Hints		
101.1240	Adapter plate, for 2 1/2" – 3 1/2" pipes	1 piece		
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		

### Mounting Brackets for fixation of Drinking Bowls on posts or on tubes

- For fixation of SUEVIA Drinking Bowls on posts or on tubes** (e.g. for fixation of Models 12P, 16P, 18P, 19R, 25R, 375, 1200)
- Inclusive 4 screws and nuts for fixation of drinking bowl
- Hole distance 76 mm

Order Ref.	Type	Packing Hints		
101.1480	Mounting Bracket, octagon post 76 mm	1 piece/bag		
101.1481	Mounting Bracket, octagon post 102 mm	1 piece/bag		
101.1482	Mounting Bracket, octagon post 140 mm	1 piece/bag		
101.1483	Mounting Bracket, T-beam	1 piece/bag		
101.1484	Mounting Bracket for posts Ø 76 mm	1 piece/bag		
101.1485	Mounting Bracket for posts Ø 102 mm	1 piece/bag		

**NEW!**



## ACCESSORIES FOR CATTLE DRINKING BOWLS

### 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

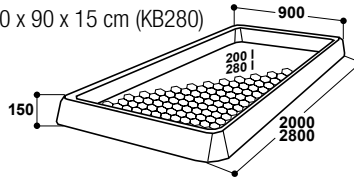
**KB280, 2,8 m**

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	

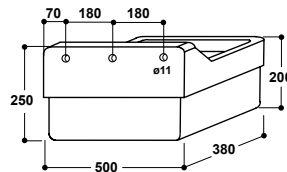
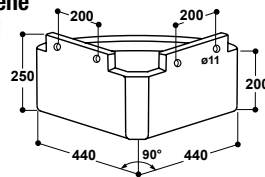
### Triangular Feeder Model 210

Order Ref. 160.0210

### Rectangular Feeder Model 211

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

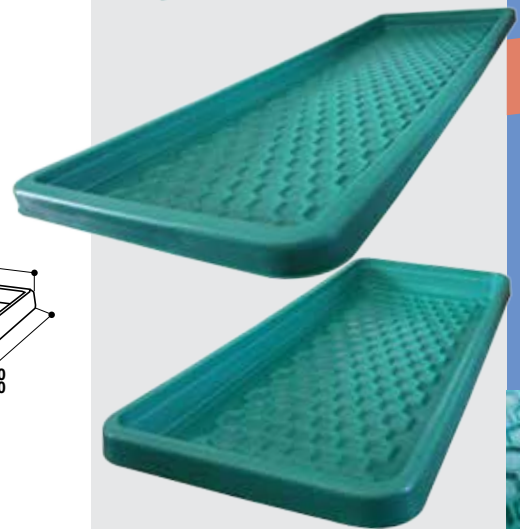
Order Ref.	Type	Packing Hints	
160.0210	Triangular feeder Mod. 210	1 piece	
160.0211	Rectangular feeder Mod. 211	1 piece	

### Water Filter 80 Micro Model 487

Order Ref. 101.0487

- 3/4" female connection
- With filter easy to clean
- 80 Micro, 6 m<sup>3</sup>/h (1588 gal/h) up to max. 6 bar

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



2,8 m

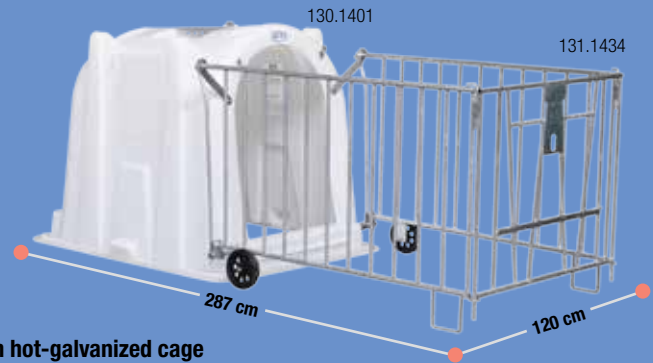
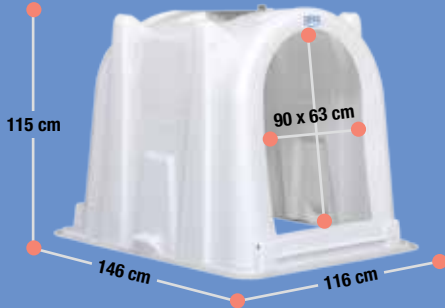




## CALF HUTS

### Calf Hut MINI

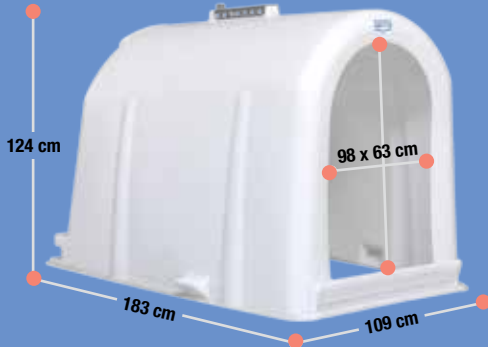
- The ideal hut for calves up to **6 weeks** of age



MINI with hot-galvanized cage

### 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



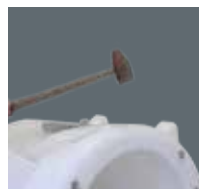
MAXI with hot-galvanized cage



**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 page 71)
- 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 page 71)
- 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.

Order Ref.	Type	PG 2	Packing Hints
130.1401	Calf hut MINI		1 piece
130.1501	Calf hut MIDI		1 piece
130.1601	Calf hut MAXI		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



#### For despatch stackable!

Depending on truck or container size:

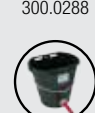
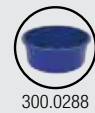
- Calf Hut MINI: max. 10 pieces/pallet
- Calf Hut MIDI: max. 8 pieces/pallet
- Calf Hut MAXI: max. 8 pieces/pallet

### NEW! CAGE FRONT WITH 2 OPENINGS!

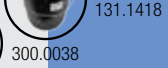


Calf Hut MIDI with accessories

Accessories see page 71



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

### NEW!





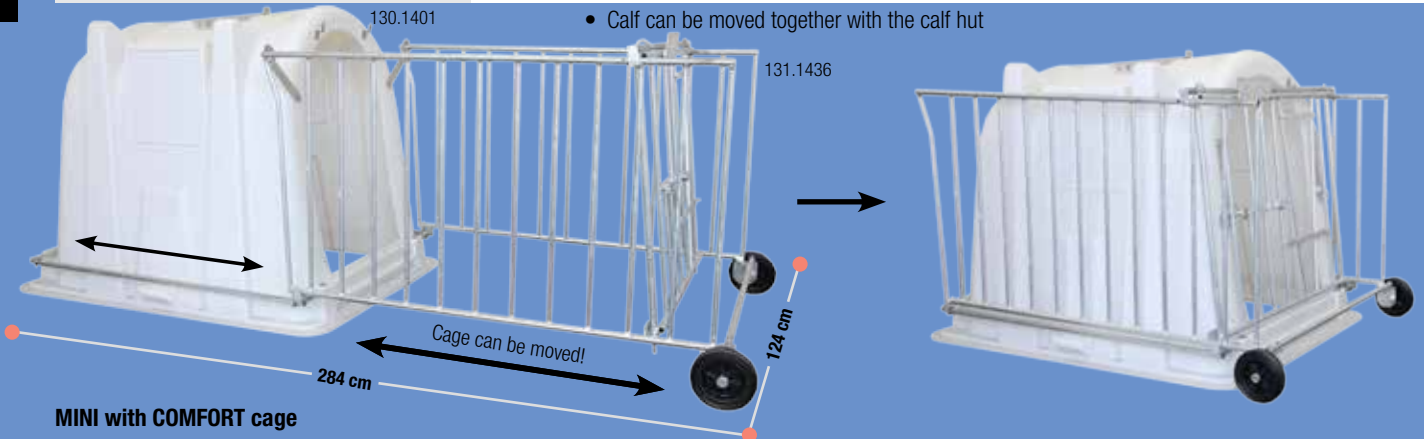
## CALF HUTS



### COMFORT Cage for Model MINI

Order Ref. 131.1436

- Calf can be moved together with the calf hut



#### 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.

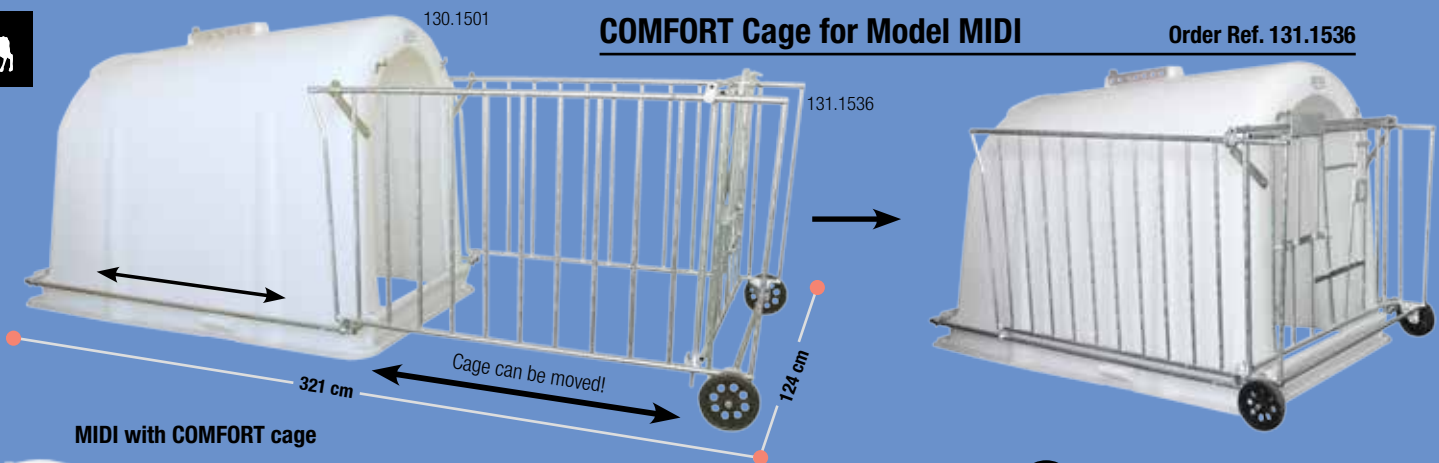


3. After having taken the calf out of the hut, the hut can be put on end for cleaning purposes. The big wheels permit an easy transport to the cleaning place!



### 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
130.1401	Calf hut MINI		1 piece
131.1436	COMFORT cage, hot-galvanized, for calf hut MINI		1 piece
130.1501	Calf hut MIDI		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 8<sup>th</sup> 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
<b>PG 2</b>	<b>Calf bucket drinker</b> , with teat flat side, 8 l	<b>Lid</b> for flattened calf bucket drinker 8 l	<b>Holder</b> for flattened calf bucket drinker, galvanized	<b>Bucket in plastic</b> , 12 l	<b>Feeding bowl</b> , 5 l	<b>Bracket</b> , galvanized, for 12 l bucket or feeding bowl 5 l

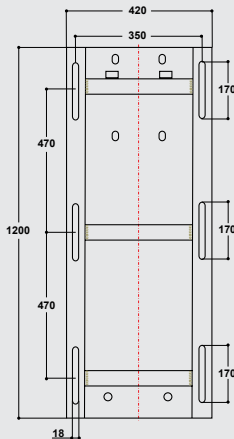


Order Ref.	131.1418	131.1002	131.1403	300.0044	131.1404
<b>PG 2</b>	<b>Container for hay and concentrates</b> for outdoor feeding (for cages 131.1434, 131.1633). In high-quality polyethylene, with galvanized cover easy to tilt. The upper part is used as a hay rack (bars in stainless steel), the lower part is used for familiarization of calves to concentrates (special version of container for COMFORT cage - p. 70)	<b>Window cover</b> complete with hinges and latch (the window opening has to be cut out on site) - for MINI and MAXI	<b>Hay manger</b> galvanized, for indoor feeding (window cover necessary) - for MINI and MAXI	<b>Bucket</b> , in plastic, 5 l	<b>Double bracket holder</b> for 5 l buckets, with divider, galvanized, without buckets (window cover necessary) - for MINI and MAXI





## 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!**

#### 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

#### Technical Data:

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

PG  
2

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







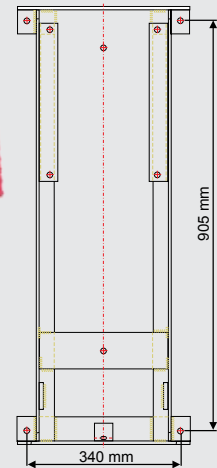
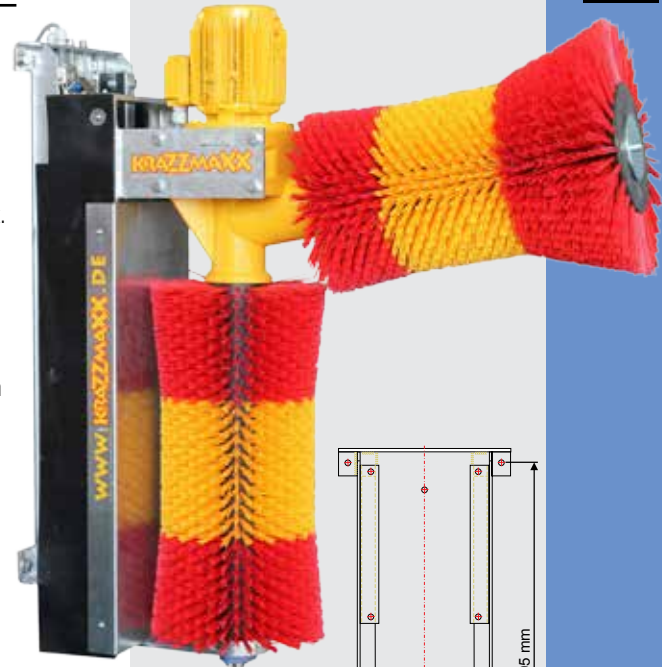
### Cow Brush KRAZZMAXX 230 V, 50 Hz

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

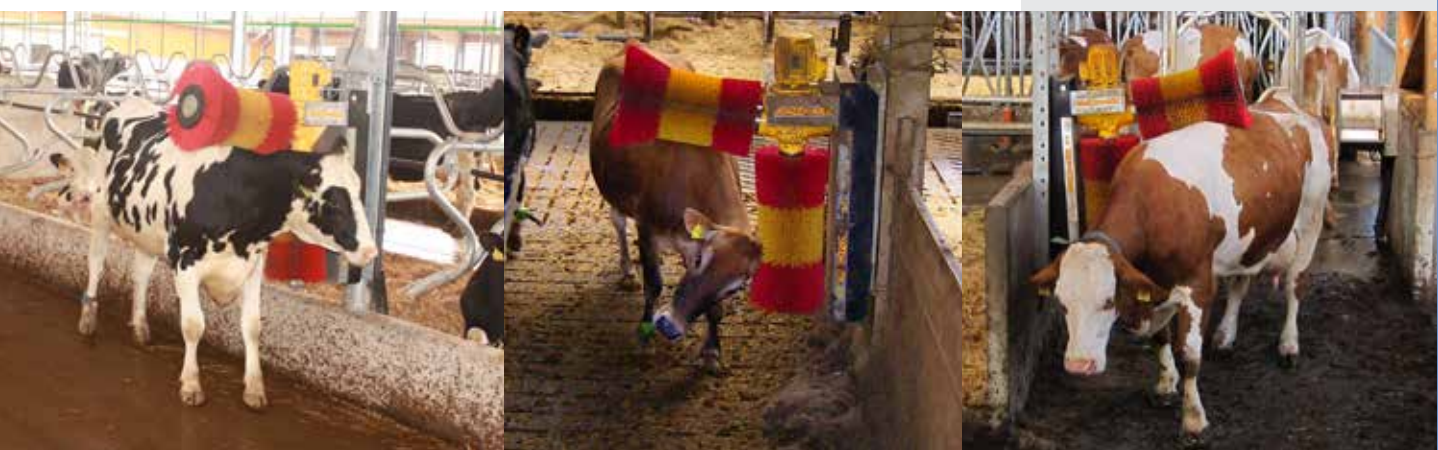
#### Technical Data:

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



PG  
2

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





## COW BRUSHES



# NEW!

### Cow Brush PROFI-SWING

230 V, 50 Hz

Order Ref. 130.5008

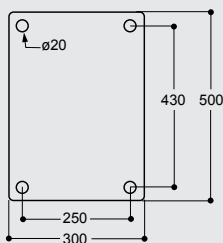
- Free vertically swinging cow brush with solid hot galvanized suspension arm
- Due to pendular hanging suited for animals of different size, no height adjustment necessary
- High cleaning effect: the integrated spring suspension at the top guarantees an optimal pressure of the brush towards the animals. An uncontrolled oscillation of the brush can be excluded.
- Anatomically formed brush
- Resistant bristles made of premium-quality plastic
- Actuation via maintenance-free and heavy-duty gear
- The brush starts turning when cows move vertical brush aside.
- Change of direction of rotation of bristles each time when PROFI-SWING is operated ensuring an even use of bristles. Fixed operating time: 2 min.
- **Resistance reverse mechanism adjustable.** In case of an overload situation, e.g. wound up tail, the cow brush stops automatically and changes direction of rotation
- Suited for dairy cows inside the stable, easy installation on a wall or on a post

#### Technische Daten:

Order Ref.	130.5008
Electric motor	230 V, 50 Hz
Motor capacity	370 W
Dimensions	1850 x 600 x 1200 mm
Weight	approx. 95 kg
Rev. of bristle	34 rpm/min

PG  
2

Order Ref.	Type	Packing Hints
130.5008	Cow Brush PROFI-SWING, 230 V, 50 Hz	2 pieces/pallet





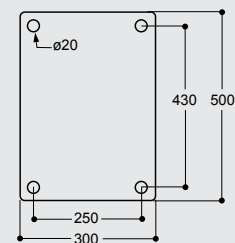
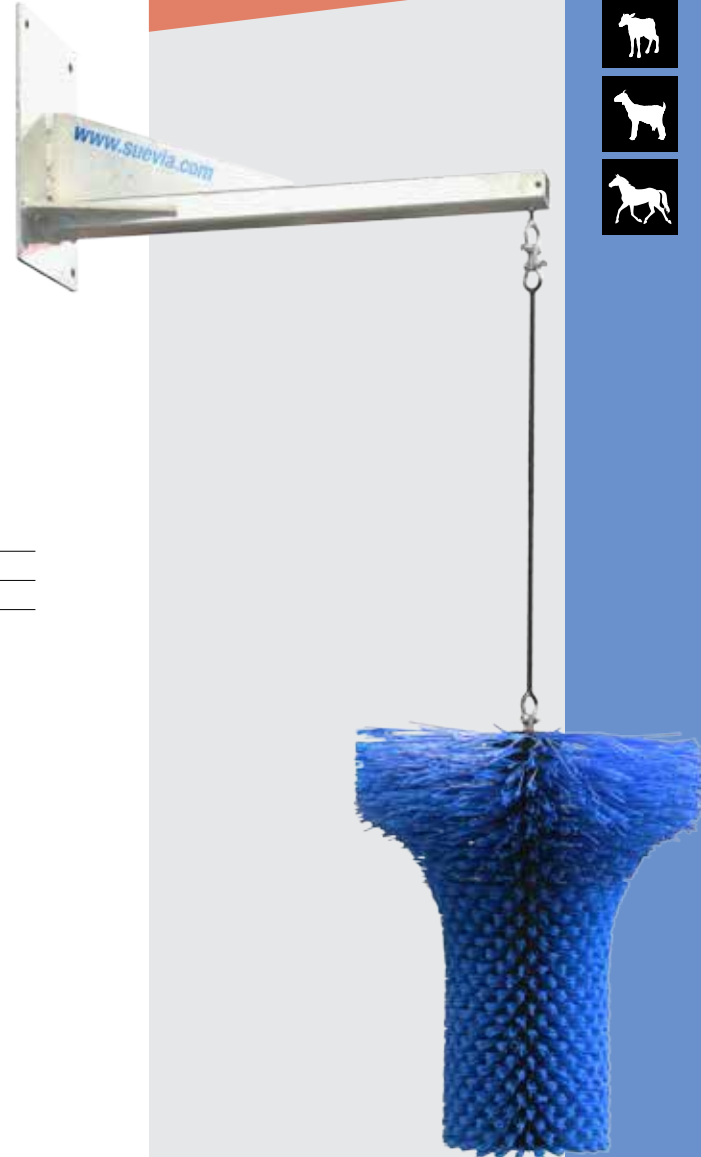
### Cow Brush TWISTER

- 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.
- Suited for cattle, calves, goats and horses
- For the installation inside or outside the stable

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	

**NEW!**





## 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.



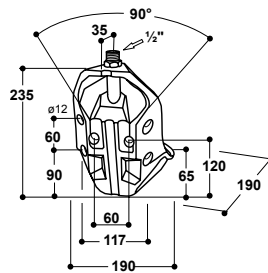


## DRINKING BOWLS FOR SHEEP AND GOATS

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

Order Ref. 100.0370

- 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:

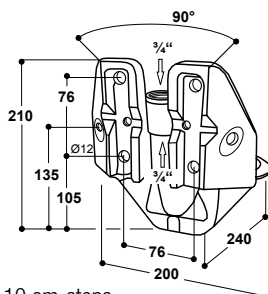
Sheep, goats, calves, dogs

Order Ref.	Type	Packing Hints		
100.0370	Drinking bowl Mod. 370-MS1/2", brass 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" 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" male 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



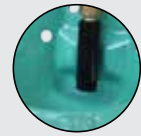
#### ACCESSORIES:

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

#### RECOMMENDED FOR:

Sheep, goats, calves, dogs

Order Ref.	Type	Packing Hints		
100.3759	Drinking bowl Mod. 375-VA3/4", st. 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		
103.1983	Connection set for 3/4" water circuits	1 piece/bag		



Enticement basin



131.0152



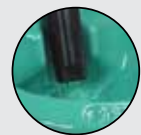
#### INSIDER TIP!

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

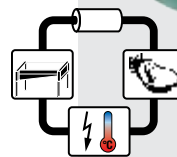
In order to guarantee that young stock is brought up in a healthy manner, it is necessary that they learn to drink enough water independently at an early stage. Therefore on Model 370 and 375 we have located a small **enticement basin** behind the tube valve. Young stock, which have not yet learnt how 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



103.1983



#### INSIDER TIP!

Ideal for installation into water circuits in combination with SUEVIA heating unit Mod. 300 – 312! (p. 26 – 29)





## DRINKING BOWLS FOR SHEEP AND GOATS



102.0352

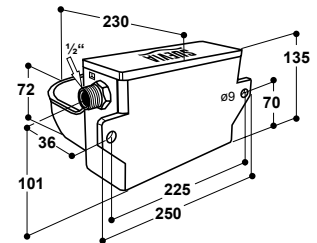
with drainage plug

### 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
- $\frac{1}{2}$ " male connection, from right or left hand side



#### ACCESSORIES:

- **Elbow union  $\frac{1}{2}$ " x  $\frac{1}{2}$ " 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, $\frac{1}{2}$ " female x $\frac{1}{2}$ " female	1 piece/bag		



102.0352

with drainage plug

### Drinking Bowls with Float Valve

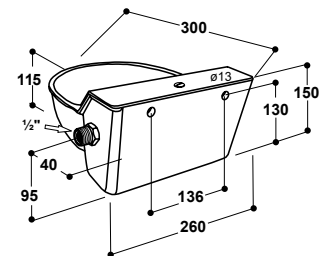
**Model 130P (plastic) for max. 5 bar**

Order Ref. 100.0130

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

Order Ref. 100.0131

- 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
- $\frac{1}{2}$ " male connection, from right or left hand side
- **Mod. 130P-N: for low pressure, max. 1 bar**



#### ACCESSORIES:

- **Elbow union  $\frac{1}{2}$ " x  $\frac{1}{2}$ " 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, $\frac{1}{2}$ " female x $\frac{1}{2}$ " female	1 piece/bag		



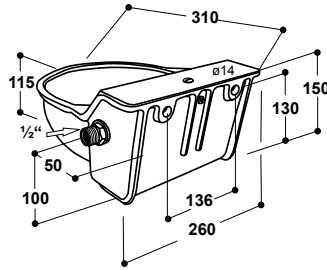


## DRINKING BOWLS FOR SHEEP AND GOATS

### 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 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

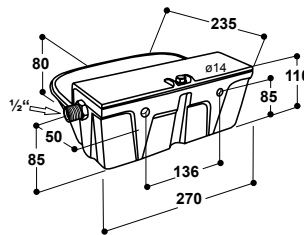
#### RECOMMENDED FOR:

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:

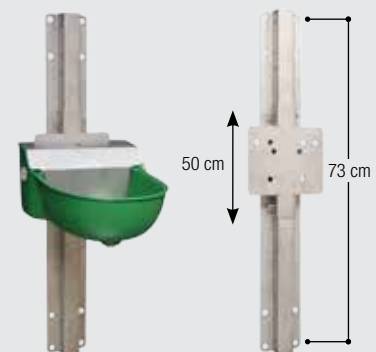
Sheep, goats, dogs

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. 58

### Brush TWISTER

- Free vertically swinging brush, delivered in single parts: brush, mounting bar and suspension arm
- Technical data see **page 75**



p. 75



### 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 bathes for sheep lengthwise one after the other!

**Model WT80**      Order Ref. 160.0102  
**Model WT80-N**      Order Ref. 160.0106



p. 53

**Model WT30**      Order Ref. 160.0030  
**Model WT30-N**      Order Ref. 160.0031



p. 53

**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) 91 x 80 x 120 cm
- Contents 1000 l: dimensions (h x w x d) 131 x 120 x 130 cm
- Technical data and accessories see **page 59**

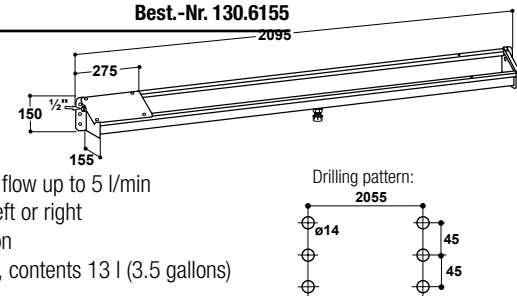


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### Trough 2,1 m in Stainless Steel for sheep and goats

Best.-Nr. 130.6155

- Trough for wall fixation
- Completely made of **stainless steel**
- For 50 – 80 sheep / goats
- **With float valve - constant water level**
- According to existing water pressure, water flow up to 5 l/min
- ½" lateral male connection, possible from left or right
- Integrated drainage hole for quick evacuation
- Dimensions (h x w x d) 15 x 210 x 15,5 cm, contents 13 l (3.5 gallons)

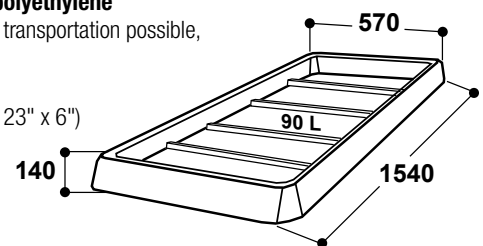


Order Ref.	Type	Packing Hints	
130.6155	Trough 2,1 m in stainless steel for sheep and goats	1 piece	

### 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	







## 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 **pages 19 – 25**



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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 **pages 21 – 25**



p. 21



**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 **pages 17 – 25**

**Thermo Tube 400 mm**  
 Order Ref. 101.0344

- For installation of heated drinking bowl Mod. 43A
- Details **p. 21**



**TRANSFORMERS, HEATING UNITS,  
 FROST PROTECTION HEATING CABLES  
 AND FURTHER ACCESSORIES » p. 23 – 29**



p. 26 – 29



p. 23 – 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. 31**



- 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!

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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



## OUR BOOTH AT THE EUROTIER EXHIBITION IN HANOVER, NOVEMBER 2012



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# SUEVIA



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**Factory for Drinking Bowls**

Max-Eyth-Str. 1 · 74366 Kirchheim/Neckar · Germany  
Phone +49 7143 971-0 · Fax +49 7143 971-80  
[www.suevia.com](http://www.suevia.com) · [info@suevia.com](mailto:info@suevia.com)

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