







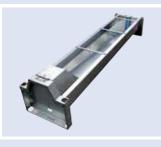






CATALOGUE 2016-2017







CATTLE HORSES SHEEP GOATS









#### INTERESTING FACTS ABOUT SUEVIA



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 excellant 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.

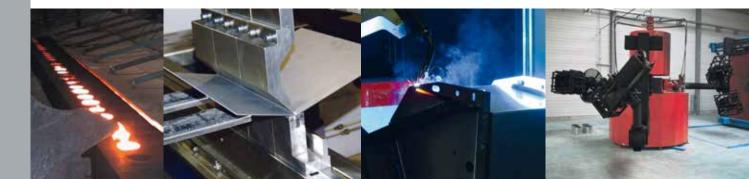
We remain abreast of market requirements continually improving our products and extending the range by taking part at all of the major worldwide agricultural fairs and through maintaining close contact to advance research establishments and of course to our customers, the farming community. Inhouse moulding 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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All prices are valid for industrial, commercial and trade enquiries as well as for other occupational individuals. The prices can be subject to alteration; they are binding following receipt of our order confirmation or in the case that parts are ex-stock upon delivery. Subject to availability we reserve the right to modify products resulting from further development, changes in model or type and cannot be held responsible for any printing errors. Due to the printing constraints the colors of products may sometimes differ to those shown in the catalogue. All prices in earlier catalogues or in price lists are superseded by those in this catalogue edition. Prices are to be understood ex works, packing excluded. Our general delivery conditions are valid, which we gladly send you upon request. Our contact address can be found on the rear.

Suited for:









Horses



Sheep





Pigs









Package unit: 2 pieces in blister



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



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

#### Drinking Bowls

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#### 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 highquality cast iron, stainless steel, plastic or polyethylene. For free stalls we can offer you a large range of heated or frostprotected 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 FOR CATTLE

#### **Drinking Bowls with a Tongue Valve**

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

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

#### **Drinking Bowls with a Tube Valve**

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

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





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







#### **DRINKING BOWLS FOR CALVES**





#### **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, independant and sufficient water supply is guaranteed this way.

#### **Drinking Bowl with Drink Inducer**

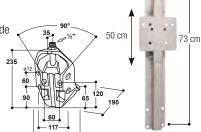
Model 370 with ½" brass valve

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  $1" - 1\frac{1}{2}"$  pipes
- Height regulation without tools in stainless steel (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps



101.0433

#### **RECOMMENDED FOR:**

Calves, sheep, goats, dogs

Order Ref.	Туре	Packing Hints	Price	
100.0370	Drinking bowl Mod. 370-MS½", brass valve	1 piece/box	\$74,50	
131.0152	Fixing bracket M10 1" - 11/2", galvanized	1 piece/bag	\$4,25	
101.0433	Height regulation without tools, in stainless steel	1 piece	\$114,99	

### **Drinking Bowl with Drink Inducer**

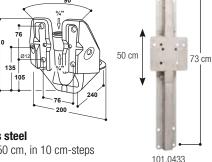
Model 375 with 3/4" stainless steel valve

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
- ¾" female connection from from top and bottom: suited for installation into water circuits!
- Water flow continuously adjustable from outside by means of a regulation screw
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes

#### **ACCESSORIES:**

- 2 fixing brackets (Order Ref. 131.0169), for fixation on  $1" - 1\frac{1}{2}"$  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





Calves, sheep, goats, dogs

Order Ref. Type	•	<b>Packing Hints</b>	Price
100.3759 Drinking bowl Mod. 375-V	\3\/4"	1 piece/box	\$93,99
131.0169 Fixing bracket M12 1½" -	2", galvanized	1 piece/bag	\$4,25
101.0433 Height regulation without to	ools, in stainless steel	1 piece	\$114,99
103.1983 Connection set for ¾" water	er circuits	1 piece/bag	\$48,99



131.0169

131.0169













#### DRINKING BOWLS FOR CALVES

#### **Drinking Bowl Model 10P**

Order Ref. 100.0010

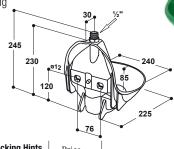
- Bowl made of top quality AQUATHAN plastic
- Extremely flexible, flexes on impacts, shock-resistant
- No sharp edges, no risk of injury
- Smoothly running brass tube valve with 1/2" male connection from the top
- Calm water flow through tube valve, with enticement basin
- Water flow regulation by enlarging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

#### **ACCESSORIES:**

• 1 fixing bracket (Order Ref. 131.0169) for fixation on  $1\frac{1}{2}$ " – 2" pipes

#### **RECOMMENDED FOR:**

Calves, horses



Order	Ref.	Туре	Packing Hints	Price	
100.0	010	Drinking bowl Mod. 10P	10 pieces/box	\$51,50	
131.0	169	Fixing bracket M12 11/2" - 2", galvanized	1 piece/bag	\$4,25	

#### **Drinking Bowl**

Model 12P green with 1/2" brass valve Order Ref. 100.0120 Model 12P green with %" stainless steel valve Order Ref. 100.0129 Model 12P black with ¾" stainless steel valve Order Ref. 100.0128

• Bowl made of top quality AQUATHAN plastic

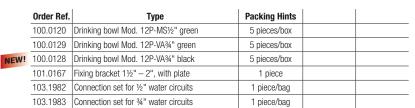
- Extremely flexible, flexes on impacts, shock-resistant
- · No sharp edges, no risk of injury
- Smoothly running tube valve in 1/2" brass or 3/4" stainless steel
- Female connection from top and bottom
- Water flow continuously adjustable from outside by means of a regulation screw
- · Calm water flow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

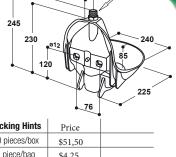
#### **ACCESSORIES:**

- 2 fixing brackets (Order Ref. 101.0167, reinforcing plate incl.) for fixation on 11/2" - 2" pipes
- $\bullet$  Connection sets for ½" or ¾" water circuits (Order Ref. 103.1982 and 103.1983) in stainless steel, for easy installation into water circuits

#### **RECOMMENDED FOR:**

Calves, horses







# EXTREMELY FLEXIBLE!





















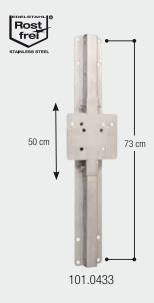
#### DRINKING BOWLS FOR CALVES











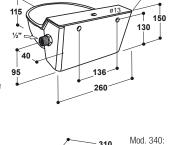
#### **Drinking Bowl with Float Valve**

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



Mod. 130P, 130P-N:

#### **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.	Туре	Packing Hints	Price	
100.0130	Drinking bowl Mod. 130 P	1 piece	\$74,99	
100.0131	Drinking bowl Mod. 130 P-N	1 piece	\$74,99	
100.0340	Drinking bowl Mod. 340	1 piece/box	\$126,99	
101.0433	Height regulation without tools, in stainless steel	1 piece	\$114,99	
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag	\$12,99	

#### 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.	Туре	<b>Packing Hints</b>	Price	
101.0433	Height regulation without tools, in stainless steel	1 piece	\$114,99	
			_98	







Height regulation with Model 130P



Moved upwards





#### NIPPLE DRINKER FOR CALVES AND BULLS

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

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
- 1/2" 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.	Туре	Packing Hints	Price	
180.0326-1	Nipple drinker Mod. 326 (1 piece in blister)	1	\$45,50	
			\$45,50	
181.0327	Protection bracket, galvanized, incl. wall angle	1 piece	\$89,99	
101.0179	Double bracket 11/4" - 2"	1 set/bag	\$12,99	
101.0328	Wall angle Mod. 328, Exit 1x 1/2", 10°	1 piece	\$16,15	
103.2007	Circuit pipe in stainles steel ¾", 2 female exits ½", 2 male connections ¾"	1 piece	\$149,99	
101.0434	Circuit Pipe with Height Regulation for 1 nipple drinker Mod. 326	1 piece	\$407,48	

# Circuit pipe in stainless steel for 2 nipple drinkers

Order Ref. 103.2007

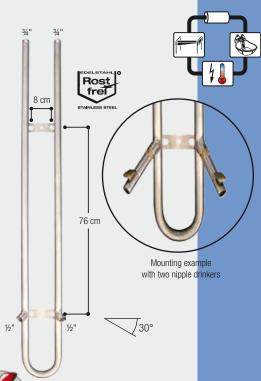
3/411

- Circuit pipe in stainless steel 3/4", with 2 female exits 1/2"
- 2 male connections 3/4" (on the top)
- For connection of two nipple drinkers Mod. 326 (Order Ref. 180.0326-1) to the circuit and in combination with a SUEVIA heating unit (see pages 30 – 33)
- · 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.	Туре	Packing Hints	Price	
	Circuit pipe in stainles steel ¾", 2 female exits ½", 2 male connections ¾"	1 piece	\$149,99	
180.0326-1	Nipple drinker Mod. 326 (1 piece in blister)	1	\$45,50	







#### **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.







#### FROST-PROTECTED NIPPLE DRINKER FOR BULLS AND CALVES

# NEW!

Easy release of the pipe

with hammer to adjust the height. No other tools necessary!

10

# **Circuit Pipe with Height Regulation for 1 Nipple Drinker Mod. 326**

Order Ref. 101.0434

- Massive construction in hot-galvanized steel
- ¾" circuit pipe in stainless steel
- 2 male connections in ¾" (on the top) should be connected to a flexible rubber hose, which ensures a flexible height adjustment
- Mount the nipple as much as possible in the corner for best protection. You can use
  one of the exits for the nipple, see "top view".

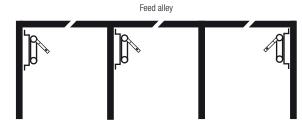
#### **ACCESSORIES:**

- Nipple drinker Mod. 326 (Order Ref. 180.0326-1, 1 piece in blister)
- SUEVIA Heating Units with power of 3 to 12 kW (see pages 30 33)

#### **RECOMMENDED FOR:**

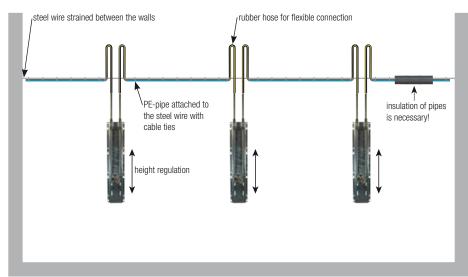
Bulls, calves

Top view



Circuit pipe can be used on left or right side. The nipple has to be mounted into one of the exits as much as possible in the corner for best protection.

#### Front view



Circuit pipes are turned 90° for a better view of the installation. Installation scheme shows pipes without insulation. Horizontal PE-pipes must be insulated after installation.

Order Ref.	Туре	Packing Hints	Price
101.0434	Circuit Pipe with Height Regulation for 1 nipple drinker Mod. 326	1 piece	\$407,48
180.0326-1	Nipple drinker Mod. 326 (1 piece in blister)	1	\$45,50





#### HEATED DRINKING BOWLS FOR BULLS AND CATTLE

#### **SUEVIA Steel Post for Mod. 25R**

Order Ref. 101.0456

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

#### **ACCESSORIES:**

- Drinking bowl Mod. 25R-MS½" (Order Ref. 100.0250)
- Drinking bowl Mod. 25R-VA¾" (Order Ref. 100.0259)
- Frost protection options, see below.

#### **RECOMMENDED FOR:**

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

Order Ref.	Туре	Packing Hints	Price	
101.0456	Steel Post for Mod. 25R	1 piece		

#### **Options for Frost Protection**

#### **Option 1: Circuit Pipe**

#### **Connection to a Water Circuit**

- In combination with a SUEVIA **connection set for ¾" water circuits** (Order Ref. 103.1983) in stainless steel, an easy integration of the steel post with Mod. 25R into water circuits is possible. A perforated hole (on left or right side) is foreseen for installation of the circuit pipe. Circuit pipe is protected by the steel post against animals impacts.
- Valve is frost-protected. Remaining water in the bowl may freeze.
- $\bullet$  For connection to a water circuit we recommend SUEVIA **heating units** (see page 30-33).

Order Ref.	Туре	Packing Hints	Price
101.0456	Steel Post for Mod. 25R	1 piece	\$
100.0259	Drinking bowl Mod. 25R-VA¾", st. steel valve	1 piece/box	\$124,99
103.1983	Connection set for 3/4" water circuits	1 piece/bag	\$48.99

#### **Option 2: Heating Set**

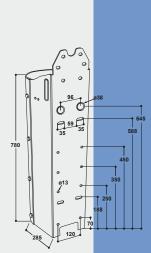
#### Frost-free with heating set, feed pipe connection from below

- To protect the valve and the bowl from freezing a Heating Set 24 V, 80 W (Order Ref. 101.0457) is installed inaccessible for the animals inside of the steel post underneath the bowl Mod. 25R-MS½".
- Valve and bowl are frost-protected.
- To ensure a frost-free feed pipe, a frost protection heating cable 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be wrapped around the water pipe and connected to the transformer together with the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape. All water line pipes must be insulated.
- For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see page 27).
- For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed.

Order Ref.	Туре	Packing Hints	
101.0456	Steel Post for Mod. 25R	1 piece	
100.0250	Drinking bowl Mod. 25R-MS½", brass valve	1 piece/box	\$109,99
101.0457	Heating-Set for Steel Post with Mod. 25R-MS½"	1 set	\$109,99
101.0380	Transformer 230/24 V, 100 W	1 piece/box	
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
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	\$75,99
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99
101.0389	Thermostat	1 piece/box	\$109,99



Front view: Steel Post with Mod. 25R-VA¾" and ¾" circuit pipe



View from behind: Steel Post with Mod. 25R-VA¾" and ¾" circuit pipe





#### DRINKING BOWLS FOR CATTLE









Order Ref. 100.0020

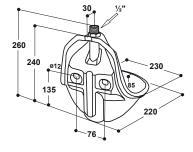
- Bowl made of cast iron, completely enamelled
- Smoothly running brass tube valve with 1/2" male connection from the top
- Calm water flow through tube valve, no water spillage
- Water flow regulation by enlarging the nozzle boring

#### **ACCESSORIES:**

• **1 fixing bracket** (Order Ref. 131.0169) for fixation on 1½" – 2" pipes

#### **RECOMMENDED FOR:**

Cattle, horses



Order Ref.	Туре	Packing Hints	Price	
100.0020	Drinking bowl Mod. 20-MS½", brass valve	1 piece/box	\$77,50	
131.0169	Fixing bracket M12 1½" - 2", galvanized	1 piece/bag	\$4,25	



#### Drinking Bowl Model 60

Order Ref. 100.0060

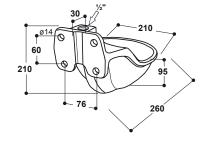
- Bowl made of cast iron, completely enamelled
- Smoothly running brass tube valve
- 1/2" female connection from top and bottom
- Calm water flow through tube valve, no water spillage
- With 4-hole-fixation

#### **ACCESSORIES:**

• 2 fixing brackets (Order Ref. 131.0169) for fixation on 1½" – 2" pipes

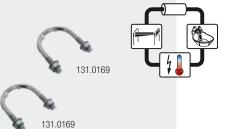
#### **RECOMMENDED FOR:**

Cattle, horses



Order Ref.	Туре	Packing Hints	Price	
100.0060	Drinking bowl Mod. 60	1 piece/box	\$80,99	
131.0169	Fixing bracket M12 11/2" - 2", galvanized	1 piece/bag	\$4,25	











also with 3/4" stainless steel valve

#### DRINKING BOWLS FOR CATTLE

**Drinking Bowl** Model 25R with 1/2" brass valve Model 25R with 3/4" stainless steel valve

Order Ref. 100.0250 Order Ref. 100.0259

• Large drinking bowl made of cast iron, completely enamelled

• Smoothly running tube valve in ½" brass or ¾" 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 I/min

With 6-hole-fixation

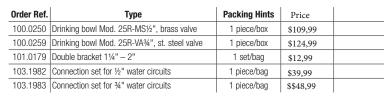
#### **ACCESSORIES:**

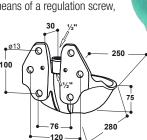
• 1 double bracket (Order Ref. 101.0179), for fixation on  $1\frac{1}{4}$ " – 2" pipes

• 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

#### **RECOMMENDED FOR:**

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









1/2": 103.1982 34": 103.1983

#### **Drinking Bowl Model 115**

Order Ref. 100.0115

- Large drinking bowl made of cast iron, completely enamelled
- High water flow of 14 I/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

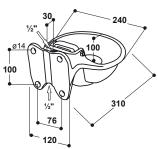
#### **ACCESSORIES:**

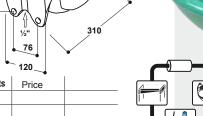
• 1 double bracket (Order Ref. 101 0170)

#### REC

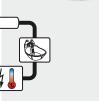
101.0179 Double bracket 11/4" - 2"

for fixat	ition on 1¼" – 2" pipes  IENDED FOR: iry cows, bulls, horses	100	76	T	310
Order Ref.	Туре	Packing Hi	nts Prio	ce	
100.0115	Drinking bowl Mod. 115	1 piece/bo	OX		























#### DRINKING BOWLS FOR CATTLE







#### **Drinking Bowl Model 1100**

Order Ref. 100.1100

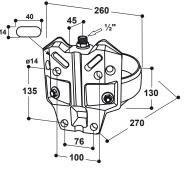
- Large deep bowl in stainless steel, robust, secure against fracture
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- Smoothly running tube valve
- Very high water flow up to 20 I/min (5,5 gallons)
- 1/2" male connection from the top
- Thanks to special back side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

#### **ACCESSORIES:**

• 2 fixing brackets (Order Ref. 131.0169) for fixation on  $1\frac{1}{2}$ " – 2" pipes

#### **RECOMMENDED FOR:**

Cattle, dairy cows



Order Ref.	Туре	Packing Hints	Price	
100.1100	Drinking bowl Mod. 1100	1 piece/box	\$110,99	
131.0169	Fixing bracket M12 11/2" - 2", galvanized	1 piece/bag	\$4,25	

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











also with 3/4" stainless steel valve

131.0169

131.0169

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

131.0169

#### DRINKING BOWLS FOR CATTLE

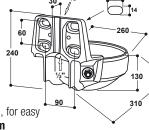
#### **Drinking Bowl** Model 1200 with 1/2" brass valve Model 1200 with 3/4" stainless steel valve

Order Ref. 100.1200 Order Ref. 100.1209

- · Large deep bowl in stainless steel, robust, secure against fracture
- Smoothly running tube valve in ½" brass or ¾" 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 I/min (5,5 gallons)

#### **ACCESSORIES:**

- 2 fixing brackets (Order Ref. 131.0169) for fixation on  $1\frac{1}{2}$ " – 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





½": 103.1982



Cattle, dairy cows

Order Ref.	Туре	Packing Hints	Price	
100.1200	Drinking bowl Mod. 1200-MS½", brass valve	1 piece/box	\$117,99	
100.1209	Drinking bowl Mod. 1200-VA¾", st. steel valve	1 piece/box	\$137,99	
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag	\$4,25	
103.1982	Connection set for 1/2" water circuits	1 piece/bag	\$39,99	
103.1983	Connection set for ¾" water circuits	1 piece/bag	\$48,99	

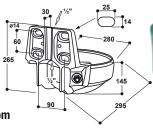
#### **Drinking Bowl** Model 1200P with 1/2" brass valve

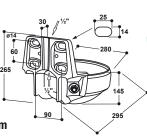
Order Ref. 100.1210

- 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 I/min (5,5 gallons)

#### **ACCESSORIES:**

- 2 fixing brackets (Order Ref. 131.0169) for fixation on 11/2" - 2" pipes
- Connection sets for ½" water circuits (Order Ref. 103.1982) in stainless steel, for easy installation into water circuits coming from the bottom







**INSIDER TIP!** 

tethered dairy cows.

with drainage plug in the bowl's bottom

#### **RECOMMENDED FOR:**

Cattle, dairy cows

Order Ref.	Туре	Packing Hints	Price	
100.1210	Drinking bowl Mod. 1200P-MS½", brass valve	1 piece/box	\$107,99	
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag	\$4,25	
103.1982	Connection set for 1/2" water circuits	1 piece/bag	\$39.99	







#### DRINKING BOWLS FOR CATTLE







101.0179





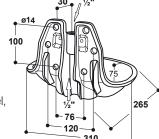
# Drinking Bowl Model 19R with ½" brass valve Model 19R with ¾" brass valve

· 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 I/min
- Water flow continuously adjustable from outside by means of a regulation screw
- Double brass tube valve with  $\frac{1}{2}$ " (Order Ref. 100.0190) or  $\frac{3}{4}$ " (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 1¼" 2" pipes
- Connection sets for ½" or ¾" water circuits (Order Ref. 103.1986 and 103.1987) in stainless steel, for easy installation into water circuits)



Order Ref. 100.0190

Order Ref. 100.0198

#### **RECOMMENDED FOR:**

Cattle, dairy cows, bulls (without nose ring)

Order Ref.	Туре	Packing Hints	Price	
100.0190	Drinking bowl Mod. 19R-MS½", ½" brass valve	1 piece/box	\$169,99	
100.0198	Drinking bowl Mod. 19R-MS¾", ¾" brass valve	1 piece/box	\$169,99	
103.1986	Connection set for ½" water circuits	1 piece/bag	\$34,99	
103.1987	Connection set for ¾" water circuits	1 piece/bag	\$39,99	
101.0179	Double bracket 11/4" - 2"	1 set/bag	\$12,99	

#### 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 I/min at 5 bar
- · Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue,
- ¾" male connection from all sides (360°)
- Thanks to the robust construction and solid valve as well as to the high water flow even at low water pressure drinking bowl Model 8 can very well be used for installation on water tanks

#### ACCESSORIES:

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

#### **RECOMMENDED FOR:**

Cattle, dairy cows, bulls, horses

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







#### DRINKING BOWLS FOR CATTLE

also with 3/4" stainless steel valve

**Drinking Bowl** Model 18P with 1/2" brass valve Model 18P with 34" stainless steel valve

Order Ref. 100.0018 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 ½" brass or ¾" stainless steel with female connection from top and bottom

• Water flow continuously adjustable from outside by means of a regulation screw

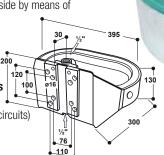
#### **ACCESSORIES:**

• 1 double bracket (Order Ref. 101.0179), for fixation on  $1\frac{1}{4}$ " – 2" pipes

• Connection sets for 1/2" or 3/4" water circuits (Order Ref. 103.1989 and 103.1990) in stainless steel, for easy installation into water circuits)



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





1/2": 103.1989 34": 103.1990 Connection from top and bottom



Model 16P with 1/2" brass valve

Model 16P with ¾" stainless steel valve

Order Ref. 100.0160

Order Ref. 100.0169



- · Anti-spillage rim curved inside prevents water losses
- Installed drainage plug for easier cleaning
- Integrated galvanized protection bracket
- Smoothly running tube valve in ½" brass or ¾" 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  $1\frac{1}{4}$ " – 2" pipes
- Connection sets for 1/2" or 3/4" water circuits (Order Ref. 103.1989 and 103.1990) in stainless steel, for easy installation into water circuits)



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

Order Ref.	Туре	Packing Hints	Price	
100.0018	Drinking bowl Mod. 18P-MS½", brass valve	1 piece	\$196,99	
100.0189	Drinking bowl Mod. 18P-VA¾", st. steel valve	1 piece	\$218,99	
100.0160	Drinking bowl Mod. 16P-MS½", brass valve	1 piece	\$179,99	
100.0169	Drinking bowl Mod. 16P-VA¾", st. steel valve	1 piece	\$199,99	
101.0179	Double bracket 11/4" - 2"	1 set/bag	\$12,99	
103.1989	Connection set for 1/2" water circuits	1 piece/bag	\$42,99	
103.1990	Connection set for ¾" water circuits	1 piece/bag	\$50,99	





also with 3/4" stainless steel valve

101 0179



1/2": 103.1989 34": 103.1990 Connection from top and bottom



Model 18P and Model 16P are equipped with a drainage plug









#### **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.



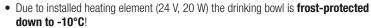




#### **HEATED DRINKING BOWLS FOR CALVES**

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

Order Ref. 100.1305



- 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 27)
- 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 27).
- Large bowl made of **premium quality polyethylene**
- Float valve allows quick water flow into the bowl
- Constant water level simple adjustment!
- 1/2" male connection in brass from right or left hand side



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

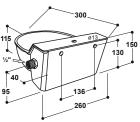


- 50 W (Order Ref. 101.0322) - 100 W (Order Ref. 101.0380)

- 200 W (Order Ref. 101.0390)

- 400 W (Order Ref. 101.0392)







with drainage plug





AVAILABLE ALSO WITHOUT HEATING » p. 8

#### **RECOMMENDED FOR:**

Calves, horses, sheep, dogs, deer

100.1305         Drinking bowl Mod. 130P-H, with valve heating         1 piece/box         \$231,99           102.0352         Elbow union with sealing, ½" female x ½" female         1 piece/bag         \$12,99           101.0322         Transformer 230/24 V, 50 W         1 piece/box         \$49,99           101.0380         Transformer 230/24 V, 100 W         1 piece/box         \$52,99	
101.0322 Transformer 230/24 V, 50 W 1 piece/box \$49,99	
101 0000 Transferrer 900/04 V 100 W	
101.0380 Transformer 230/24 V, 100 W 1 piece/box \$52.99	
101.0390 Transformer 230/24 V, 200 W 1 piece/box \$74,99	
101.0392 Transformer 230/24 V, 400 W 1 piece/box \$135,99	
101.0861 Frost protection heating cable, 24 V, 20 W, 2 m 1 piece \$75,99	
101.1863 Frost protection heating cable, 24 V, 30 W, 3 m 1 piece \$86,99	
101.1099 Aluminium adhesive tape, 50 mm wide, 50 m 50 m/roll \$16,99	













WATER

METER

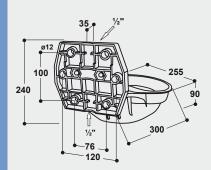
Turnable

Display

#### HEATED DRINKING BOWLS FOR CALVES AND HORSES

# FROST-FREE DOWN TO -20°C Optional: Thermostat Transformer Insulation Frost-protection neating cable 24 V Anti-bite protection 101.0167 Rubber body

**Installation Scheme Mod. 12P-HK**Please adhere to mounting instructions!



## Heated Drinking Bowl for Calves and Horses Model 12P-HK with ½" brass valve 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, 30 W, included in scope of delivery
- The frost protection heating cable can be found in windings beneath the bowl in a flexible rubber body. An aluminium foil fixed at the bottom of the bowl provides a constant heat distribution.
- Frost protection for the valve itself is guaranteed by three tightly fitted windings above the valve
- With the rest of the heating cable of approx. 2 m the feed pipe is maintained frost-free in addition. It should be insulated and protected against bites.
- Frost protection down to approx. -20°C. Remaining water in the bowl will not freeze!
- For power supply a SUEVIA transformer 230/24 V is necessary (versions from 50 W to 400 W available)
- Bowl made of top quality AQUATHAN plastic
- · Very elastic, flexes on impacts, shock-resistant
- No sharp edges, no risk of injury
- Smoothly running brass tube valve (1/2")
- ½" female connection from top and bottom
   Water flow continuously adjustable from outside
- 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 1½" 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.	Туре	Packing Hints	Price
100.0121	Heated Drinking Bowl Mod. 12P-HK-MS½"	5 pieces/box	\$169,99
101.0322	Transformer 230/24 V, 50 W	1 piece/box	\$49,99
101.0380	Transformer 230/24 V, 100 W	1 piece/box	\$52,99
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99
101.0389	Thermostat	1 piece/box	\$109,99
101.0167	Fixing bracket 1½" - 2", reinforcing plate incl.	1 piece	\$6,95
101.0444	Resettable Water Meter RW1	1 piece/box	\$222,99



Rubber body with heating cable



View from beneath



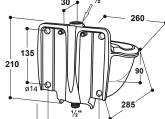


#### HEATED DRINKING BOWLS FOR CATTLE

#### **Heated Drinking Bowl** Model 46 with 1/2" brass valve Model 46 with 34" stainless steel valve

Order Ref. 100.0046 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
- 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 27)
- To ensure a frost-free feed pipe, a frost protection heating cable 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer.
- If the heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped with an aluminium adhesive tape (Order Ref. 101.1099) and insulated.



180

135

#### **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

cattle, bane, carvee, neroes, mainly accurate cases query instantation				
Туре	Packing Hints	Price		
Heated drinking bowl Mod. 46-MS1/2", 24 V, 80 W	1 piece/box	\$269,99		
Heated drinking bowl Mod. 46-VA¾", 24 V, 80 W	1 piece/box	\$269,99		
Valve heating 24 V, 5 W, with thermostat, cable 3 m	1 piece/bag	\$		
Fixing bracket 2" – 3"	1 piece	\$22,99		
Transformer 230/24 V, 100 W	1 piece/box	\$52,99		
Transformer 230/24 V, 200 W	1 piece/box	\$74,99		
Transformer 230/24 V, 400 W	1 piece/box	\$135,99		
Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99		
Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99		
Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99		
Thermostat	1 piece/box	\$109,99		
	Type  Heated drinking bowl Mod. 46-MS½", 24 V, 80 W  Heated drinking bowl Mod. 46-VA¾", 24 V, 80 W  Valve heating 24 V, 5 W, with thermostat, cable 3 m  Fixing bracket 2" – 3"  Transformer 230/24 V, 100 W  Transformer 230/24 V, 200 W  Transformer 230/24 V, 400 W  Frost protection heating cable, 24 V, 20 W, 2 m  Frost protection heating cable, 24 V, 30 W, 3 m  Aluminium adhesive tape, 50 mm wide, 50 m	Type Packing Hints  Heated drinking bowl Mod. 46-MS½", 24 V, 80 W 1 piece/box  Heated drinking bowl Mod. 46-VA¾", 24 V, 80 W 1 piece/box  Valve heating 24 V, 5 W, with thermostat, cable 3 m  Fixing bracket 2" – 3" 1 piece  Transformer 230/24 V, 100 W 1 piece/box  Transformer 230/24 V, 200 W 1 piece/box  Transformer 230/24 V, 400 W 1 piece/box  Trost protection heating cable, 24 V, 20 W, 2 m 1 piece  Frost protection heating cable, 24 V, 30 W, 3 m 1 piece  Aluminium adhesive tape, 50 mm wide, 50 m 50 m/roll	Heated drinking bowl Mod. 46-MS½", 24 V, 80 W 1 piece/box \$269,99  Heated drinking bowl Mod. 46-VA¾", 24 V, 80 W 1 piece/box \$269,99  Valve heating 24 V, 5 W, with thermostat, cable 3 m  Fixing bracket 2" – 3" 1 piece \$22,99  Transformer 230/24 V, 100 W 1 piece/box \$52,99  Transformer 230/24 V, 200 W 1 piece/box \$74,99  Transformer 230/24 V, 400 W 1 piece/box \$135,99  Frost protection heating cable, 24 V, 20 W, 2 m 1 piece \$75,99  Frost protection heating cable, 24 V, 30 W, 3 m 1 piece \$86,99  Aluminium adhesive tape, 50 mm wide, 50 m 50 m/roll \$16,99	









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









#### HEATED DRINKING BOWLS FOR BULLS AND CATTLE



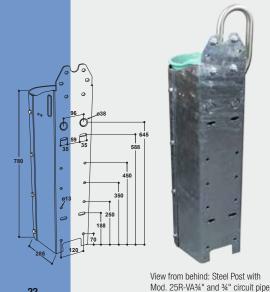
Minimum

distance to gates

22



Front view: Steel Post with Mod. 25R-VA¾" and ¾" circuit pipe



#### **SUEVIA Steel Post for Mod. 25R**

Order Ref. 101.0456

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

#### **ACCESSORIES:**

- Drinking bowl Mod. 25R-MS½" (Order Ref. 100.0250)
- Drinking bowl Mod. 25R-VA¾" (Order Ref. 100.0259)
- Frost protection options, see below.

#### **RECOMMENDED FOR:**

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

Order Ref.	Туре	<b>Packing Hints</b>	Price	
101.0456	Steel Post for Mod. 25R	1 piece		

#### **Options for Frost Protection**

#### **Option 1: Circuit Pipe**

#### **Connection to a Water Circuit**

- In combination with a SUEVIA connection set for ¾" water circuits (Order Ref. 103.1983) in stainless steel, an easy integration of the steel post with Mod. 25R into water circuits is possible. A perforated hole (on left or right side) is foreseen for installation of the circuit pipe. Circuit pipe is protected by the steel post against animals impacts.
- Valve is frost-protected. Remaining water in the bowl may freeze.
- For connection to a water circuit we recommend SUEVIA heating units (see page 30 - 33).

Order Ref.	Туре	Packing Hints	Price	
101.0456	Steel Post for Mod. 25R	1 piece		
100.0259	Drinking bowl Mod. 25R-VA¾", st. steel valve	1 piece/box		
103 1983	Connection set for 3/4" water circuits	1 piece/bag		

#### **Option 2: Heating Set**

#### Frost-free with heating set, feed pipe connection from below

- To protect the valve and the bowl from freezing a **Heating Set** 24 V, 80 W (Order Ref. 101.0457) is installed inaccessible for the animals **inside of the steel post** underneath the bowl Mod. 25R-MS1/2".
- Valve and bowl are frost-protected.
- To ensure a frost-free feed pipe, a frost protection heating cable 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be wrapped around the water pipe and connected to the transformer together with the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape. All water line pipes must be insulated.
- For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see page 27).
- For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed.

Order Ref.	Туре	<b>Packing Hints</b>	
101.0456	Steel Post for Mod. 25R	1 piece	
100.0250	Drinking bowl Mod. 25R-MS½", brass valve	1 piece/box	
101.0457	Heating-Set for Steel Post with Mod. 25R-MS½"	1 set	
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	





# Circuit Pipe with Height Regulation for 1 Nipple Drinker Mod. 326

Order Ref. 101.0434

- Massive construction in hot-galvanized steel
- ¾" circuit pipe in stainless steel
- 2 male connections in 34" (on the top) should be connected to a flexible rubber hose, which ensures a flexible height adjustment
- Mount the nipple as much as possible in the corner for best protection. You can use one of the exits for the nipple, see "top view".

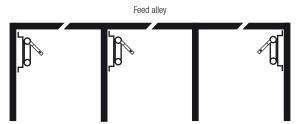
#### **ACCESSORIES:**

- Nipple drinker Mod. 326 (Order Ref. 180.0326-1, 1 piece in blister)
- SUEVIA Heating Units with power of 3 to 12 kW (see pages 30 33)

#### **RECOMMENDED FOR:**

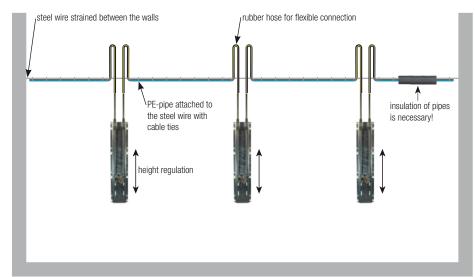
Bulls, calves

Top view



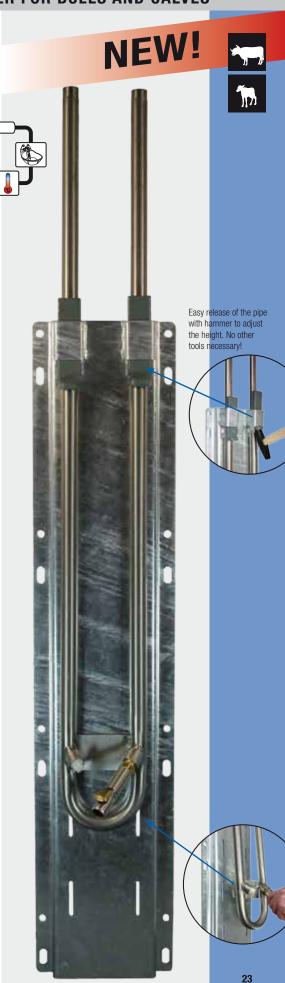
Circuit pipe can be used on left or right side. The nipple has to be mounted into one of the exits as much as possible in the corner for best protection.

#### Front view



Circuit pipes are turned 90° for a better view of the installation. Installation scheme shows pipes without insulation. Horizontal PE-pipes must be insulated after installation.

Order Ref.	Туре	Packing Hints	Price	
101.0434	Circuit Pipe with Height Regulation for 1 nipple	1 piece		
	drinker Mod. 326		\$407,48	
180.0326-1	Nipple drinker Mod. 326 (1 piece in blister)	1	\$45,50	











260

110

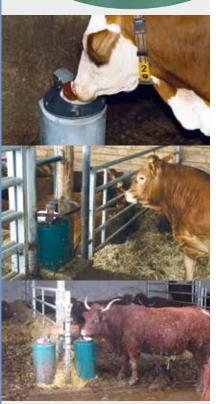
ø290

ø350

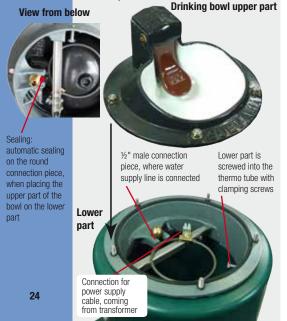
#### HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS







**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



# 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 27)

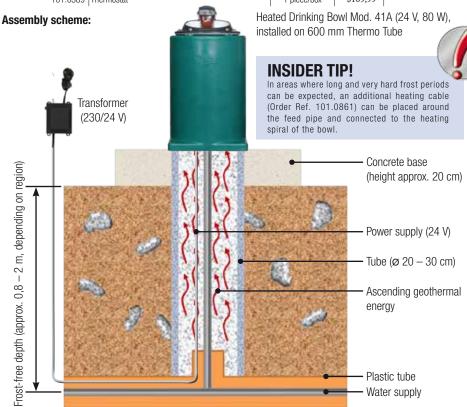
#### **ACCESSORIES**

- For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see page 27)
- For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).
- Installation on a SUEVIA Thermo Tube (see page 25) or on a concrete tube with an internal diameter of 30 cm

#### RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses, pigs

Order Ref.	Туре	Packing Hints	Price	
100.0041	Heated drinking bowl Mod. 41A, 24 V, 80 W	1 piece	\$341,99	
100.1041	Heated drinking bowl Mod. 41A-SIBIRIA, 24 V, 180 W	1 piece	\$341,99	
101.0380	Transformer 230/24 V, 100 W	1 piece/box	\$52,99	
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99	
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99	
101.0389	Thermostat	1 piece/box	\$109,99	







# Heated Drinking Bowl Model 43A (80 W heating element) Model 43A-SIBIRIA (180 W heating element)

Order Ref. 100.0043 Order Ref. 100.1043

250

150

ø350

- 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 27)



- 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 27)
- For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).
- Installation on a SUEVIA Thermo Tube or on a concrete tube with an internal diameter of 30 cm (see below)

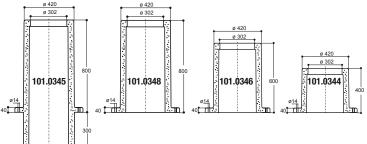


Cattle (with anti-suction ring), bulls (with nose ring), calves, horses, sheep, goats, dogs, deer, pigs

Order Ref.	Туре	Packing Hints	Price
100.0043	Heated drinking bowl Mod. 43A, 24 V, 80 W	1 piece	\$350,99
100.1043	Heated drinking bowl Mod. 43A-SIBIRIA, 24 V, 180 W	1 piece	\$350,99
101.1068	Anti-spillage ring, cast iron plastic-coated		\$37,99
101.0380	Transformer 230/24 V, 100 W	1 piece/box	\$52,99
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99
101.0389	Thermostat	1 piece/box	\$109,99

#### **Thermo Tubes**

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



Order Ref.	Туре	Packing Hints	Price
101.0344	Thermo tube 400 mm	1 piece	\$144,50
101.0346	Thermo tube 600 mm	1 piece	\$171,99
101.0348	Thermo tube 800 mm	1 piece	\$218,50
101.0345	Thermo tube 1100 mm (800 mm + 300 mm)	1 piece	\$241,50



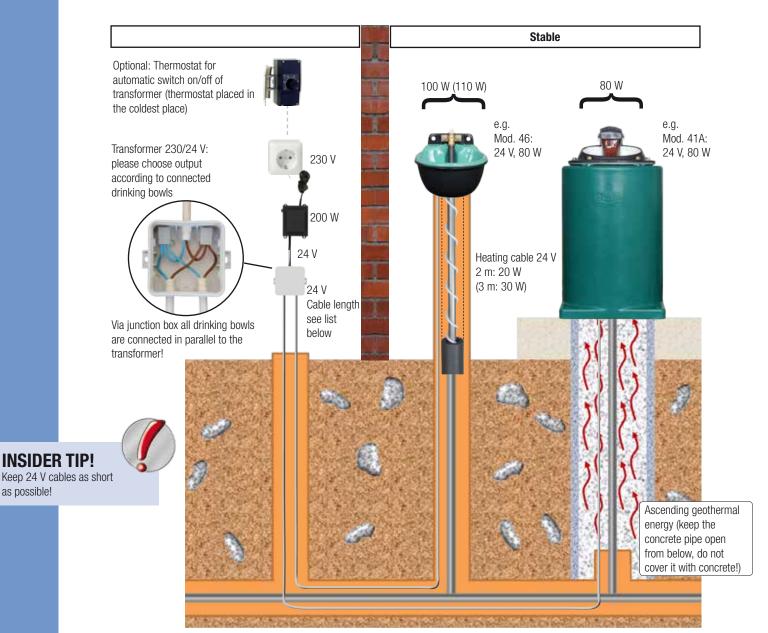






#### Installation scheme for heated drinking bowls

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



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

Wire cross section	Total power co						
Section	up to 100 Watt	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	Max. admitted		
4,0 mm <sup>2</sup>	132 m	66 m	44 m	33 m	man danned		
6,0 mm <sup>2</sup>	200 m	100 m	66 m	50 m	cable length		

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

as possible!





# 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.
- Protection IP44. Connected without AC plug through a junction box IP54.

Order Ref.	Туре	Packing Hints	Price
101.0322	Transformer 230/24 V, 50 W	1 piece/box	\$49,99
101.0380	Transformer 230/24 V, 100 W	1 piece/box	\$52,99
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99



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.	Туре	Packing Hints	Price	
101.0389	Thermostat	1 piece/box	\$109.99	

#### **Aluminuim 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.	Туре	Packing Hints	Price	
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	

#### **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 together with the heating element of the drinker. If plastic pipes are used,
  they must first be wrapped with an aluminium adhesive tape (see above). All water
  line pipes must be insulated.

Order Ref.	Туре	Packing Hints	Price	
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	



**INSIDER TIP!** 

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

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

- x indicated power (W)
- + quantity of needed frost protection heating cables
- **x** indicated power (W)

#### Example:

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

For these requirements the following transformers can be used:

Option A: 3 x transformer 100 W = 300 W Option B: 1 x transformer 100 W

1 x transformer 200 W = 300 W

Option C: 1 x transformer 400 W



101.0389







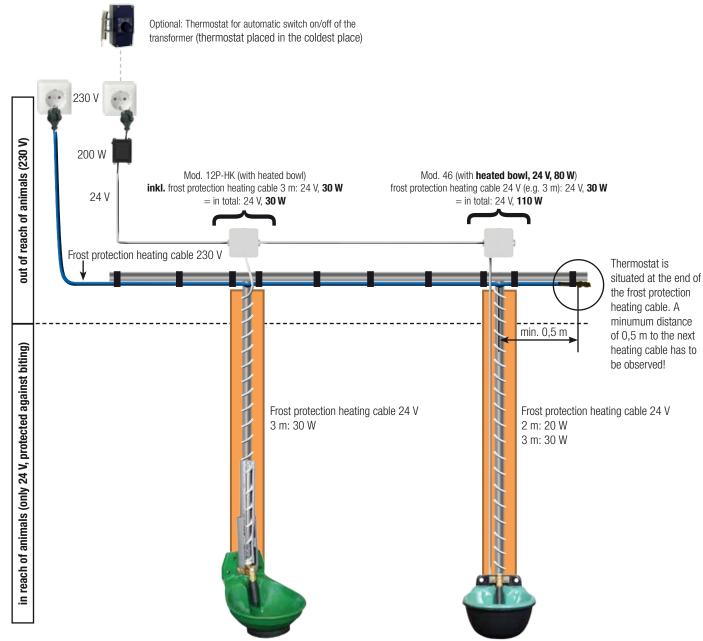






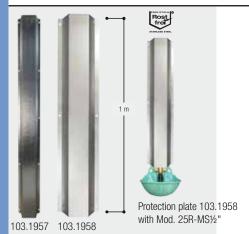
#### Installation scheme for heated drinking bowls

#### 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!



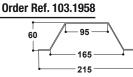
#### **Protection plate, galvanized**

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

# Order Ref. 103.1957

#### **Protection Plate, Stainless Steel**

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



Order Ref.	Туре	Packing Hints	Price	
103.1957	Protection plate, galvanized, 100 x 11 x 8 cm	1 piece		
103.1958	Protection plate, stainless steel,100 x 21,5 x 6 cm	1 piece	\$60,99	





#### Frost Protection Heating Cable 230 V with Thermostat



Heating cable is delivered with installed thermostat, 2 m (6,6") connecting cable and plug for 230 V. The heating output amounts to 10 W per meter.

Installation has to be done in parallel to the stainless steel tube underside. Even in very cold ambient temperatures the frost protection heating cable prevents cold water pipes (up to 1") from freezing. The thermostat, situated at the end of the cable, has to be mounted in the coldest place and **automatically switches on** at +5°C (41°F) **and off** when temperature is higher than +15°C (59°F). The water line pipes must be insulated. 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 winded 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.	Туре	Packing Hints
101.1102	Frost protection heating cable, 230 V, 20 W, 2 m	1 piece/bag
101.1104	Frost protection heating cable, 230 V, 40 W, 4 m	1 piece/bag
101.1108	Frost protection heating cable, 230 V, 80 W, 8 m	1 piece/bag
101.1112	Frost protection heating cable, 230 V, 120 W, 12 m	1 piece/bag
101.1118	Frost protection heating cable, 230 V, 180 W, 18 m	1 piece/bag
101.1124	Frost protection heating cable, 230 V, 240 W, 24 m	1 piece/bag
101.1136	Frost protection heating cable, 230 V, 360 W, 36 m	1 piece/bag
101.1148	Frost protection heating cable, 230 V, 480 W, 48 m	1 piece/bag
101.1160	Frost protection heating cable, 230 V, 600 W, 60 m	1 piece/bag
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll

#### **Aluminuim 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.	Туре	Packing Hints	Price	ĺ
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	

#### **Frost Protection Heating Cable 24 V**

20 W, 2 m 30 W, 3 m Order Ref. 101.0861 Order Ref. 101.1863

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

Order Ref.	Туре	Packing Hints	Price	
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	

















#### Heating Unit Model 300, 3000 W, 400 V Model 303, 3000 W, 230 V

Order Ref. 101.0300 Order Ref. 101.0303

- Provides frost-protected water in insulated water circuits (½" or ¾" pipe).
   Circuit length max. 200 m
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty conditions.
- Heating units Model 300 and 303 are equipped each with one 3000 W heating element and a circulation pump with stainless steel base (230 V, 93 W)
- Heating element is thermostatically controlled and equipped with an overheating protection (STC). Desired water flow temperature can be adjusted at a regulable switch
- Cage of heating element in premium cast iron, enamelled
- Model 300 and Model 303 are factory-mounted on a plate ready for immediate installation and use! Water connections are hold in 34".
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- One residual-current device 30mA has to be provided by the customer.

Order Ref.	Туре	Packing Hints	Price	
101.0300	Heating unit Mod. 300, 400 V, 3000 W, pump 93 W	1 piece/box		
101.0303	Heating unit Mod. 303, 230 V, 3000 W, pump 93 W	1 piece/box	\$1497,99	
101.0309	Flow control ¾"	1 piece		
101.0308	Alarm system for water circuits	1 set/bag	\$159,99	
	Upgrade Kit to Return Flow Temperature Control for Mod. 303 with a blue CEKON plug	1 set/box		

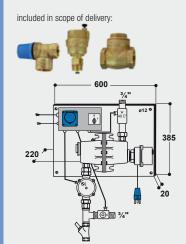
# included in scope of delivery: 600 385 220 34" 230 V



# 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 (½" or ¾" pipe).
   Circuit length max. 200 m
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty conditions.
- Heating unit Model 317 is equipped with one heating element (230 V, 3000 W) and with a circulation pump with stainless steel base (230 V, 93 W).
- Cage of heating element in premium cast iron, enamelled
- The unit is factory-mounted on a plate and ready for installation. Water connections are hold in ¾".
- With return flow temperature control: Desired return water flow temperature is
  regulated by a sensor mounted on the return flow pipe. If return flow water temperature is lower than the adjusted value, the heating element will be automatically
  switched on.
- Heating elements are thermostatically controlled and equipped with an overheating protection (STC)
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve
  to secure the pump and the heating elements in a separated way.

Order Ref.	Туре	Packing Hints		
101.0317	Heating unit Mod. 317, 230 V, 3000 W, pump 93 W	1 piece/box		
101.0309	Flow control ¾"	1 piece		
101.0308	Alarm system for water circuits	1 set/bag		
			l	







# Heating Unit with Return Flow Temperature Control Model 311, 3000 W, 400 V Order Ref. 101.0311

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

Order Ref.	Туре	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	

# 3000 W Return Flow Temperature Control included in scope of delivery: 220 220 20 1"



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  $+5^{\circ}$ C, the alarm signal is activated informing about a drop in temperature!

# Heating Unit with Return Flow Temperature Control Model 312, 6000 W, 400 V Order Ref. 101.0312

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

Order Ref.	Туре	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	











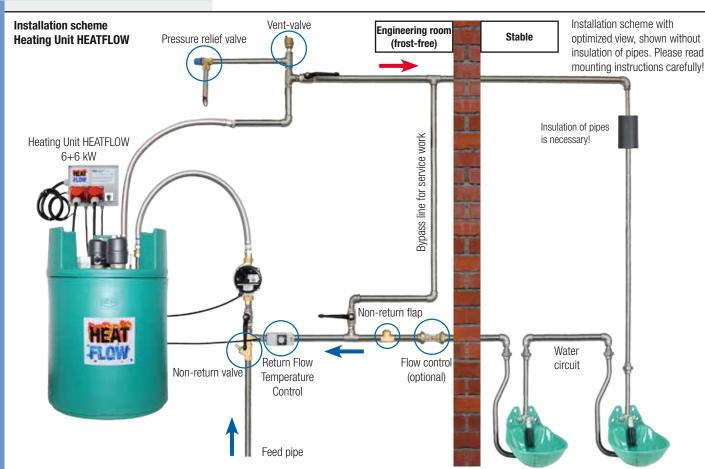


#### Heating units HEATFLOW from 3 to 12 kW

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

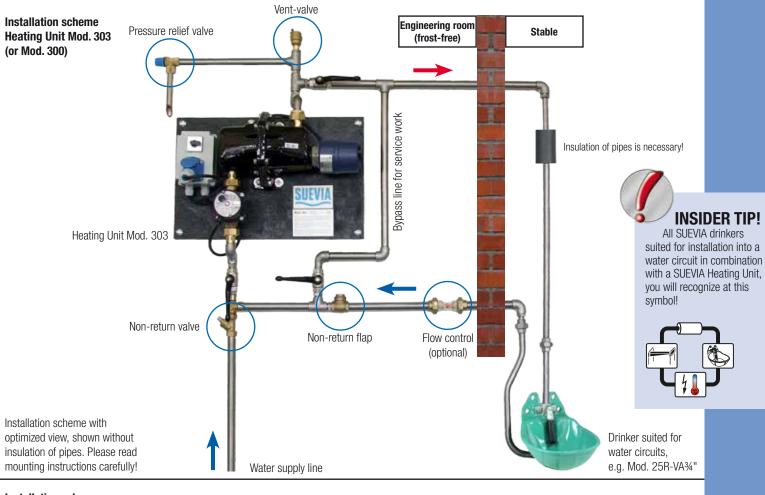
#### **OPTIONS:**

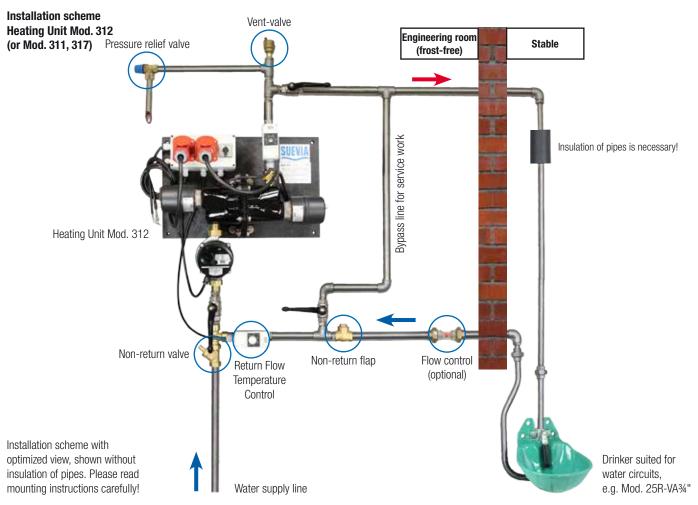
Order Ref.	Туре	Heating Power	Pump Power	Circuit Length (max.)	Packing Hints
101.2203	Heating unit HEATFLOW 3 kW	3 kW (1x 3 kW)	400 W	250 m	2 pieces/pallet
101.2233	Heating unit HEATFLOW 3+3 kW	6 kW (2x 3 kW)	400 W	350 m	2 pieces/pallet
101.2206	Heating unit HEATFLOW 6 kW	<b>6 kW</b> (1x 6 kW)	400 W	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









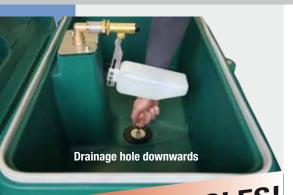














No wet or frozen manure in winter due to second drainage hole downwards!

# COVER CAN BE TILTED UPWARDS!



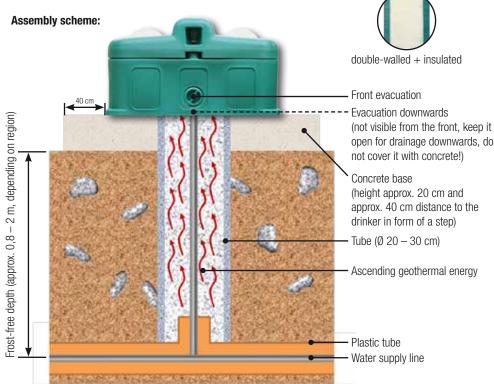
#### Frost-Protected Drinkers Thermo Source

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!



Please ask your dealer for details.

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

# **Large drainage hole!**Due to a wide opening — evacuation within seconds

#### **INSIDER TIP!**

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









WITHOUT ELECTRICITY!

FROST-PROTECTED DOWN TO -25°C

#### HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

#### Model 630 with one ball drinking place

Order Ref. 130.0630

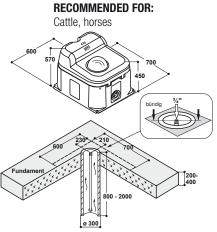
- Sufficient water supply of approx. 20 big animals, horses / cows
- Recommended quantity of animals in case of minus temperatures at least 10 animals
- · Armoured hose and socle sealing in scope of delivery
- Contents 40 I

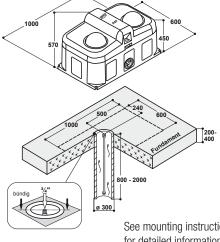
#### Model 640 with two ball drinking places

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 I





See mounting instructions for detailed information!

#### 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 I, 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 I, dimensions see Mod. 640

#### **RECOMMENDED FOR:**

Calves, horses, sheep, goats

Order Ref.	Туре	Packing Hints	Price	
130.0630	Thermo Source Model 630, 1 drinking place	1 piece	\$619,99	
130.0640	Thermo Source Model 640, 2 drinking places	1 piece	\$863,99	
130.0850	Thermo Source Model 850, 1 drinking place	1 piece	\$619,99	
130.0860	Thermo Source Model 860, 2 drinking places	1 piece	\$863,99	
131.6070	Heating Element for Mod. 630/640, 24 V, 180 W	1 piece/bag	\$175,99	
131.6071	Heating Element for Mod. 850/860, 24 V, 180 W	1 piece/bag	\$175,99	













#### TROUGHS AND DRINKERS FOR FREE STALLS

#### **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 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 40)

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







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.















# **Compact Trough Drinker in Stainless Steel**

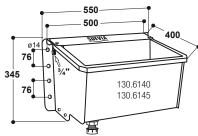
Order Ref. 130.6140

- Compact trough drinker for wall fixation, sufficient for 15 20 animals
- Completely made of stainless steel
- Water flow of up to 40 I/min permits a continual and efficient watering of the animals
- ¾" male connection, possible from right or left hand side
- With drainage for guick evacuation
- Contents 30 I

#### **ACCESSORIES:**

• **Protection bar** (Ref. 131.1390), hot-galvanized, for Compact Trough Drinker Ref. 130.6140 and Heated Compact Trough Drinker Ref. 130.6145





#### **RECOMMENDED FOR:**

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

#### **Options for Frost Protection**

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



Valve Heating Order Ref. 131.0527

for increased frost protection

of the valve

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).



#### 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°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 34" in stainless steel

#### Integration into a water circuit line (for Model 130.6140 without inside heating element)

- 34" 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 pages 30 33)
- 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.





## **Heated Compact Trough Drinker, Stainless Steel**

Order Ref. 130.6145

- Heated compact trough drinker for wall fixation, sufficient for 15 20 animals
- Completely made of stainless steel
- Water flow of up to 40 I/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 I
- 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.

#### **ACCESSORIES:**

• **Protection bar** (Ref. 131.1390), hot-galvanized, for Compact Trough Drinker Ref. 130.6140 and Heated Compact Trough Drinker Ref. 130.6145

#### **RECOMMENDED FOR:**

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

#### **Options for Frost Protection**

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







# 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.

# Frost protection of feed pipe

NEW

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).

	Order Ref.	Туре	<b>Packing Hints</b>	Price
	130.6140	Compact Trough Drinker in Stainless Steel	1 piece	\$462,99
	130.6145	Heated Compact Trough Drinker in Stainless Steel	1 piece	
	131.6049	Circuit pipe ¾", stainless steel	1 piece	\$78,99
!!	131.1390	Protection bar, hot-galvanized, for Compact Trough Drinker 130.6140 and 130.6145	1 piece	\$74,99
	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	\$77,99
	101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
	101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99
	101.0389	Thermostat	1 piece/box	\$109,99
	101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99
	101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99
	101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99



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



2 m: 101.0861 3 m: 101.1863











#### **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 I/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 ¾" water circuits and in combination with a SUEVIA heating unit
- Always fresh and clean water for your animals: due to water flow and special design of the bowl: feed rests are flushed by the running water and drunk by the animals at the same time
- Bowl covered towards the upper lip to prevent dirt entry
- · Suited for wall or pipe mounting

#### **ACCESSORIES:**

- Protection bar, hot-galvanized, for Mod. 500, 600 (Ref. 131.1391)
- Protection bar, hot-galvanized, for Mod. 520, 620 (Ref. 131.1392)
- **Fixation 90°, hot-galvanized,** for Mod. 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 500, 600, if installed with fixation 90° (Ref. 131.1394)

#### **RECOMMENDED FOR:**

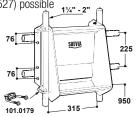
Dairy cows, cattle

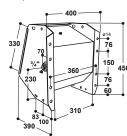
## Valve Trough Drinker Model 500

Order Ref. 130,0500

- Trough with **one** drinking place suited **for 15 20 animals**
- 3¼" 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



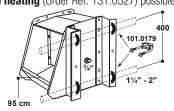


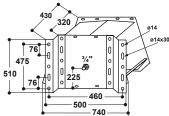
# Double Valve Trough Drinker Model 520

Order Ref. 130.0520

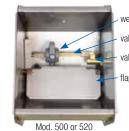
- Trough drinker with two facing drinking places for 30 40 animals
- No fights for an individual place as alongside longer troughs, enabling two animals to drink simultaneously
- ¾" lateral male connection
- Supports for lateral wall mounting inclusive

Subsequent installation of 1 or 2 heating elements (Order Ref. 131.0524) and of a valve heating (Order Ref. 131.0527) possible











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#### **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 27). For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see page 27).

#### **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 frostprotected 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

NEW

- In combination with a SUEVIA connection set for 3/4" 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 30 - 33).
- 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.	Туре	Packing Hints	Price	
	130.0500	Valve trough drinker Mod. 500	1 piece	\$508,99	
	130.0520	Double valve trough drinker Mod. 520	1 piece	\$902,99	
	131.1391	Protection bar, hot-galvanized, for Mod. 500, 600	1 piece	\$74,99	
	131.1392	Protection bar, hot-galvanized, for Mod. 520, 620	1 piece	\$115,99	
	131.1050	Fixation 90°, hot-galvanized, for Mod. 500, 600	1 piece	\$134,99	
!	131.1394	Protection bar, hot-galvanized, for Mod. 520, 620 if installed with fixation 90°	1 piece		
	131.0523	Heating element Mod. 523, 24 V, 80 W	1 piece	\$63,99	
	131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece	\$63,99	
	131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag	\$77,99	
	101.0380	Transformer 230/24 V, 100 W	1 piece/box	\$52,99	
	101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99	
	101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99	
	101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
	101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	
	101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	
	101.0389	Thermostat	1 piece/box	\$109,99	
	103.1984	Connection set for ¾" water circuits	1 piece/bag		

















#### **INSIDER TIP!**

mainly for animals with nose or anti-suction ring!









# **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 I/min
- Ideal for animals with nose rings or anti suction ring
- Connection to a water circuit means of a connection set for ¾" water circuits an
- Bowl covered towards the upper lip to prevent dirt entry
- · Suited for wall or tube mounting

#### **ACCESSORIES:**

- Protection bar, hot-galvanized, for Mod. 500, 600 (Ref. 131.1391)
- Protection bar, hot-galvanized, for Mod. 520, 620 (Ref. 131.1392)
- Fixation 90°, hot-galvanized, for Mod. 500, 600 (Ref. 131.1050)
- Protection bar, hot-galvanized, for Mod. 500, 600, if installed with fixation 90° (Ref. 131.1394)

#### **RECOMMENDED FOR:**

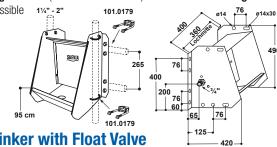
Dairy cows and cattle with nose or anti-suction ring

# **Trough Drinker with Float Valve** Model 600

Order Ref. 130.0600

- With one drinking place for 15 20 animals
- 34" 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
- ¾" 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





#### **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 27). For automatic switch on/off of transformer a **thermostat** (Order Ref. 101.0389) can be additionally installed (see page 27).

#### **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 30 33).
- 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).

for both troughly.					
	Order Ref.	Туре	Packing Hints	Price	
	130.0600	Trough drinker with float valve Mod. 600	1 piece	\$515,99	
	130.0620	Double trough drinker with float valve Mod. 620	1 piece	\$922,99	
	131.1391	Protection bar, hot-galvanized, for Mod. 500, 600	1 piece	\$74,99	
	131.1392	Protection bar, hot-galvanized, for Mod. 520, 620	1 piece	\$115,99	
	131.1050	Fixation 90°, hot-galvanized, for Mod. 500, 600	1 piece	\$134,99	
	131.1394	Protection bar, hot-galvanized, for Mod. 520, 620 if installed with fixation 90°	1 piece		
	131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece	\$63,99	
	131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag	\$77,99	
	101.0380	Transformer 230/24 V, 100 W	1 piece/box	\$52,99	
	101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99	
	101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99	
	101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
	101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	
	101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	
	101.0389	Thermostat	1 piece/box	\$109,99	
	103.1984	Connection set for ¾" water circuits	1 piece/bag		
				PROCESSOR AND ADDRESS OF THE PARTY OF THE PA	







NEW!



fixation 90°), hot-galvanized







and 600









### **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/" 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:**

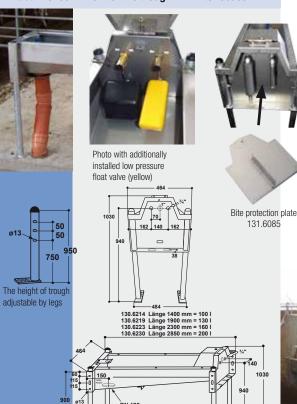
- Set of legs (4 pieces, Order Ref. 131.6030) available, enables to adjust trough height!
- Additional Installation of low pressure float valve (Ord. Ref. 131.0738) possible: to use, for example, warmed-up water from the milk cooling system (not possible when circuit tube Model 6064 is installed!), or 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

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	Order Ref.	Туре	Packing Hints	Price	
	130.6214	Quick drainage trough 1,4 m	1 piece	\$848,99	
	130.6219	Quick drainage trough 1,9 m	1 piece	\$953,99	
	130.6223	Quick drainage trough 2,3 m	1 piece	\$1058,99	
	130.6230	Quick drainage trough 2,85 m	1 piece	\$1244,99	
	131.6030	1 set of legs (= 4 pieces)	1 set	\$154,99	
	131.0700	MAXIFLOW float valve, Mod. 700	1 piece	\$58,99	
	131.0738	Low pressure float valve, Mod. 738	1 piece	\$61,99	
	131.6085	Bite protection plate in stainless steel	1 piece	\$48,99	
	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	\$99,99	
	131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag	\$77,99	
	101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99	
	101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99	
	101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
	101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	
	101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	
	101.0389	Thermostat	1 piece/box	\$109,99	
	131.6064	34" circuit pipe	1 piece		
	131.6067	Connection set for 1" water circuits	1 piece		
	131.0521	34" frost protection guard	1 piece/box	\$153,99	
W!		1" Circuit pipe: see page 46			







## **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 27). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).

Ī	Trough	Length	Contents	Heating Element	Voltage, Power	]
I	(Order Ref.)			(Order Ref.)		Price
I	130.6214	1,4 m	100 l	131.6060	24 V, 180 W	\$111,99
Ì	130.6219	1,9 m	130 I	131.6061	24 V, 180 W	\$144,99
Ì	130.6223	2,3 m	160 I	131.6062	24 V, 360 W	\$199,99
Ì	130.6230	2,85 m	200 I	131.6062	24 V, 360 W	\$199,99



#### 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 27). To ensure a frost-free feed pipe, a frost protection heating cable 24 V, 20 W, 2 m (Order Ref. 101,0861), or a 24 V. 30 W. 3 m (Order Ref. 101,1863) has to be used.



## **Increased frost protection of the valve**

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

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

C1: ¾" circuit pipe in stainless steel (Order Ref. 131.6064) suited for installation into all quick drainage troughs. If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.

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

C3: 1" circuit pipe, in stainless steel: see page 46





# **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 troughover 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!





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VALVE

HEATING

**Option C3:** 

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Find for each trough the correct 1" circuit pipe:

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

# 1" Circuit Pipe for SUEVIA Quick Drainage Troughs

for troughs length of 140 cm, 190 cm, 230 cm, 285 cm

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

#### **ACCESSORIES:**

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

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



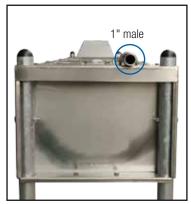


#### Installation example without accessories:





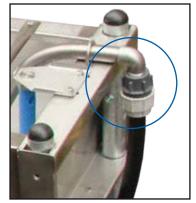




#### Installation example with elbows (accessories) and plastic pipe:



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



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



103.2010

103.2036

**INSIDER TIP!** 

Use a stainless steel elbow to connect the 1" circuit pipe to a threaded fitting of your plastic pipe!











**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 25I/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 ¾" 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 I (6.600 US gallons) per year (taken a cleaning interval of 2 days), compared with normal tip-over troughs with 200 I 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:**

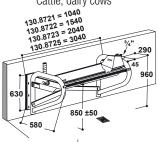
- Bite protection shield, for SUEVIA frost protection heating cables when mounted on SUEVIA flat tip-over troughs:
- if water line comes from beneath (Order Ref. 131.0579)
- if water line is connected from the side (Order Ref. 131.0580)

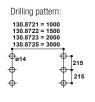
Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents
130.8721	130.8731	1,0 m	35 I
130.8722	130.8732	1,5 m	55 I
130.8723	130.8733	2,0 m	75 I
130.8725	130.8735	3,0 m	105 I



#### **RECOMMENDED FOR:**

Cattle, dairy cows





•	
Drilling pattern:	
130.8731 = 925 130.8732 = 1425 130.8733 = 1925 130.8735 = 2925	
Ø18	200

Order Ref.	Туре	<b>Packing Hints</b>	Price
130.8721	Flat tip-over trough 1,0 m, for wall mounting	1 piece	\$911,99
130.8722	Flat tip-over trough 1,5 m, for wall mounting	1 piece	\$1015,99
130.8723	Flat tip-over trough 2,0 m, for wall mounting	1 piece	\$1119,99
130.8725	Flat tip-over trough 3,0 m, for wall mounting	1 piece	\$1312,99
130.8731	Flat tip-over trough 1,0 m, for ground mounting	1 piece	\$911,99
130.8732	Flat tip-over trough 1,5 m, for ground mounting	1 piece	\$1015,99
130.8733	Flat tip-over trough 2,0 m, for ground mounting	1 piece	\$1119,99
130.8735	Flat tip-over trough 3,0 m, for ground mounting	1 piece	\$1312,99
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	
131.6088	Fixation for heating element 131.6062, for flat tip-over trough 3 m	1 piece	
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag	\$99,99
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag	\$77,99
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99
101.0389	Thermostat	1 piece/box	\$109,99
131.0579	Bite protection shield, inox, connection from beneath	1 piece	\$105,99
131.0580	Bite protection shield, inox, connection from the side	1 piece	\$154,99
131.0590	3/4" circuit pipe, for flat tip-over trough	1 piece	





# **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 27). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).

·	· ·	-			
Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents	Heating Element (Order Ref.)	Voltage, Power
130.8721	130.8731	1,0 m	35 I	131.6060	24 V, 180 W
130.8722	130.8732	1,5 m	55 I	131.6061	24 V, 180 W
130.8723	130.8733	2,0 m	75 I	131.6062	24 V, 360 W
130.8725	130.8735	3,0 m	105 I	131.6062	24 V, 360 W
				+ fixation 131.6088	



#### 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 27). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).

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).





#### Increased frost protection of the valve

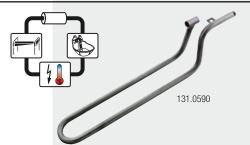
For extremely cold areas subsequent installation of a valve heating Model 527 (24 V, 7 W, Order Ref. 131.0527) is recommended for increased frost protection.





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

**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.













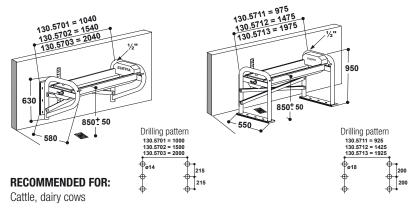


# **SUEVIA Tip-Over Trough**

#### 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, ½" 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 I
130.5702	130.5712	1,5 m	70 I
130.5703	130.5713	2,0 m	100 l



Order Ref.	Туре	Packing Hints	Price
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	½" 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 27). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).

Wall fixation (Order Ref.)	Ground fixation (Order Ref.)	Length	Contents	Heating Element (Order Ref.)	Voltage, Power
130.5701	130.5711	1,0 m	45 I	131.6060	24 V, 180 W
130.5702	130.5712	1,5 m	70 I	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 27). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27).

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

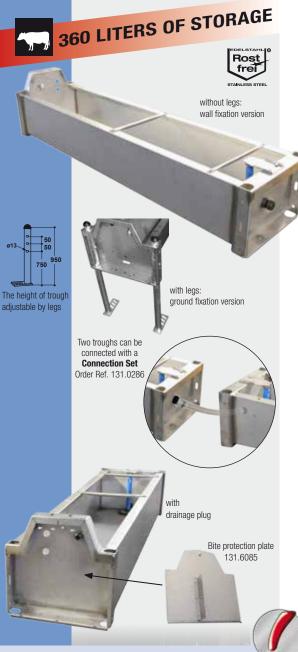
**SUEVIA** ½" frost protection guard with connection parts (Order Ref. 131.0526). For subsequent installation into SUEVIA tip-over troughs. Consists of a thermostat valve and drainage kit (¾" flexible tube connection). Frost protection without electricity! At risk of frost the installed and adjusted 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.











#### **SUEVIA Volume Trough**

for warmed-up water from milk cooling system 200 cm and 300 cm, for wall and ground fixation

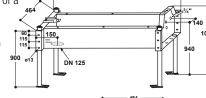
- Voluminous trough in stainless steel for wall fixation
- . Ideal to water the animals with warmed-up water from milk cooling system
- Anti-spillage rim water wastage reduced to a minimum
- Free water flow into trough by ¾" without float valve: surplus water is drained through boring in drainage plug.
- 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 I.
- 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 flexilbe 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.	Туре	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	
ĕ	131.0286	Connection set for two troughs	1 set/bag	À
	131.6085	Bite protection plate in stainless steel	1 piece	1
	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	i.

# **INSIDER TIP!**

No tipping-over - direct drainage!

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

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

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





# **ISO-Drinker** with float valve, two drinking places Model 6620 (180 W, down to -20°C) Model 6620-SIBIRIA (380 W, down to -30°C)

Order Ref. 130.6620 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!

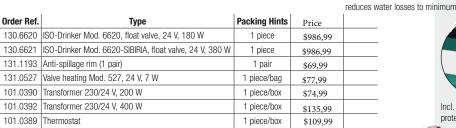
- Suited for 30 40 animals
- Double-walled and insulated mounting base in premium quality polyethylene, with 6 fixation holes for ground fixation
- **Installed heating** 24 V, 180 W (2x heating element 24 V, 80 W + frost protection heating cable 24 V, 20 W = 180 W) provides frost protection for the trough 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) availabe for subsequent installation to ensure frost protection down to -30°C! (transformer necessary, see below and also page 27)
- Calm and easy drinking of the animals due to **installed MAXIFLOW float valve**, which provides water flow up to 40 I/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
- ¾" water connection from the bottom, incl. flexible armoured tube
- · Water supply line, connection cable and heating element are mounted in the interior of the trough inaccessible for the animals – possibility of being bitten by animals or e.g. mice can be excluded!
- With large hole for quick drainage and easy cleaning, which can be effected near the drinker (like it is shown on the picture). Or as option water can be channeled downwards through drainage tube installed inside the drinker (drainage tube to be provided by the customer). No ice in front of the drinker in winter season!
- If the trough is used for dairy cows, we recommend to mount the trough on a concrete base of approx. 20 cm of height
- Ideal for animals with nose ring/anti-suction ring

#### **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





**INSIDER TIP!** Valve cover opens without use of tools, just by pushing down one button!

No screws, nothing to lose!





Drainage plug in the howl's bottom

Incl. armoured tube and frost protection heating cable 24 V





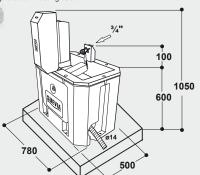
We recommend to mount the

Valve heating

131.0527

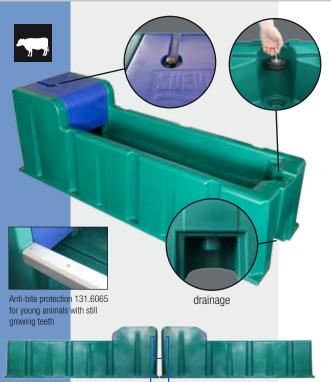
Anti-spillage rim

(Order Ref. 101.1193)

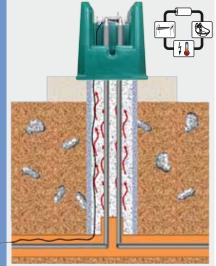


Drainage hole





Two troughs installed head-to-head!

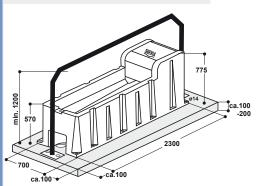


Installation scheme for 1" water circuit.

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 I/min
- Allows installation of max. three high or low pressure float valves enabling e.g. the use of warmed-up water from the milk cooling system (in case of 131.0738)
- For adjustment or cleaning purposes of the float valves the insulated cover can easily be removed without tools
- With holder for a drainage tube (tube DN 125 has to be provided by customer)
- To prevent that the animals are jumping into the trough, an anti-jump protection bar (provided on site) must be installed above the trough!
- Thermo Trough Drinker Model 6523 is frost-protected down to -10°C due to insulation and without additional heating! With heating element frost-free down to -30°C in the valve area!

#### 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 27). For automatic switch on/off of transformer a thermostat (Order Ref. 101.0389) can be additionally installed (see page 27). To ensure a frost-free feed pipe, a frost protection heating cable 24 V, 20 W, 2 m (Order Ref. 101.0861), or a 24 V, 30 W, 3 m (Order Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming from the transformer. If this heating cable is installed on plastic pipes, make sure that this water pipe is suited for warm and cold water. For better heat distribution the water pipe has to be wrapped first with an aluminium adhesive tape (Order Ref. 101.1099).

• If additionally connected to **a SUEVIA heating unit** an optimum of frost protection of the water line is reached! (Heating units see pages 30 – 33)

#### **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.	Туре	Packing Hints	Price
130.6523	Thermo Trough Drinker Mod. 6523, 2,3 m	6 pieces/pallet	\$1063,99
131.6065	Anti-bite protection, 1 pair, for Mod. 6523	1 set	\$141,99
131.0738	Low pressure float valve MAXIFLOW, Mod. 738	1 piece	\$61,99
131.0700	MAXIFLOW float valve, Mod. 700	1 piece	\$58,99
131.6069	Heating element Mod. 6069, 24 V, 180 W	1 piece	\$109,99
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99
101.0389	Thermostat	1 piece/box	\$109,99
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



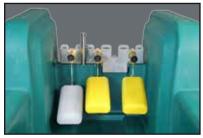
Option B: 2x MAXIFLOW float valve (up to 80 l/min!)



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



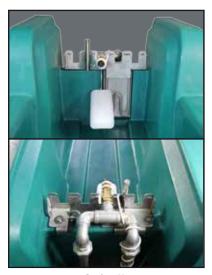
Option E: 1x MAXIFLOW float valve (up to 40 l/min!) 2x low pressure float valve



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

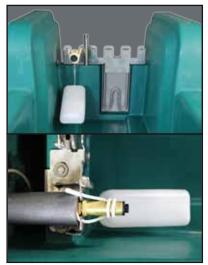


Option G: 1x MAXIFLOW float valve (connected to a water ciurcuit) 1x heating element 24 V, 180 W



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



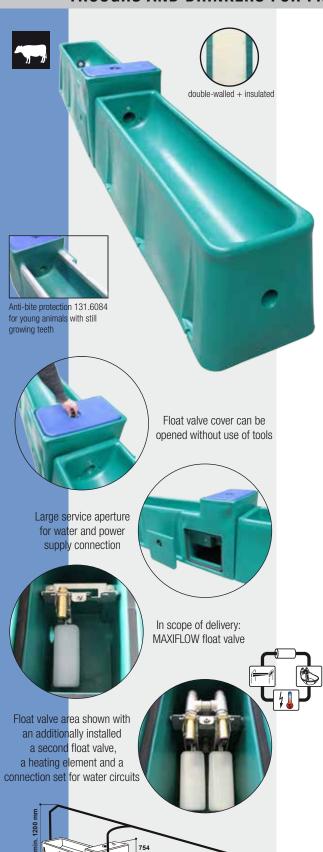












# SUEVIA Thermo Trough Drinker 4,3 m Model 6543

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.



- 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

103.1988 Connection set 1<sup>st</sup>

131.6072 Heating Element

#### **RECOMMENDED FOR:**

Cattle, dairy cows,

for young animals with still growing teeth with protection plate against biting

Order Ref.	Туре	Packing Hints	Price	
130.6543	Thermo Trough Drinker Mod. 6543, 4,3 m	2 pieces/pallet	\$1626,99	
131.6084	Anti-bite protection, 1 set of 4 pieces, for Mod. 6543	1 set	\$299,99	
131.0700	MAXIFLOW float valve, Mod. 700	1 piece	\$58,99	
131.0738	Low pressure float valve MAXIFLOW, Mod. 738	1 piece	\$61,99	
131.6072	Heating element Mod. 6072, 24 V, 180 W	1 piece	\$116,99	
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99	
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99	
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	
101.0389	Thermostat	1 piece/box	\$109,99	
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		







Fast drainage



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



Large drainage holes



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













130.5910

for ground fixation

# **SUEVIA Trough Drinker Model 5900**

Wall fixation

Ground fixation

Order Ref. 130.5900 Order Ref. 130.5910

- Large trough with inclined bottom, made of UV-resistant polyethylene, frame and consoles made of stainless steel
- · With draingage hole
- Equipped as standard with MAXIFLOW float valve for water flow up to 40 l/min (11 gallons/min), ¾" 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 I (34 gallons)

#### **ACCESSORIES:**

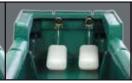
- Protection bracket (Order Ref. 131.5907), to protect the trough drinker against impacts of the animals, fixation on the wall by strong screws
- Additional Installation of low pressure float valve (Ord. Ref. 131.0738) possible: to use, for example, warmed-up water from the milk cooling system, or one 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 27)

#### **RECOMMENDED FOR:**

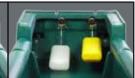
Cattle, dairy cows, calves, horses, sheep, goats



Option A
1 x MAXIFLOW
(up to 40 I/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



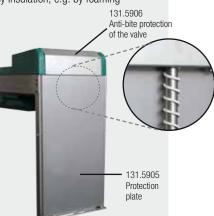
Heated option, feed pipe with frost protection heating cable wrapped around the valve

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

Order Ref.	Туре	<b>Packing Hints</b>	Price	
130.5900	Trough drinker Mod. 5900, for wall fixation	1 piece	\$799,99	
130.5910	Trough drinker Mod. 5900, for ground fixation	1 piece	\$929,99	
131.0700	MAXIFLOW float valve, Mod. 700	1 piece	\$58,99	
131.0738	Low pressure float valve, Mod. 738	1 piece	\$61,99	
131.5904	Connection set, for 1" water circuits	1 piece/bag		
131.5905	Protection plate with screws	1 piece	\$81,99	
131.5906	Anti-bite protection of the valve	1 piece	\$48,99	
131.5907	Protection bracket, galvanized	1 piece	\$133,99	
131.6063	Heating element Mod. 6064, 24 V, 180 W	1 piece/bag	\$99,99	
101.0390	Transformer 230/24 V, 200 W	1 piece/box	\$74,99	
101.0392	Transformer 230/24 V, 400 W	1 piece/box	\$135,99	
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece	\$75,99	
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece	\$86,99	
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll	\$16,99	
101.0389	Thermostat	1 piece/box	\$109,99	



• Easy insulation, e.g. by foaming



131.5907



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

Order Ref. 160.0030 Order Ref. 160.0031

- Trough with float valve made of premium UV-resistant polyethylene for wall fixation, contents 30 I (8 gallons)
- Integrated MAXIFLOW float valve providing a water flow of up to 40 I/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 30 - 33).

#### **ACCESSORIES:**

- Protection bracket (Order Ref. 131.1301), galvanized
- Circuit pipe ¾", for WT30 (Order Ref. 131.1302), made of stainless steel



#### **RECOMMENDED FOR:**

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

Order Ref.	Туре	<b>Packing Hints</b>	Price	
160.0030	Trough for free stalls and pasture Mod. WT30	1 piece	\$262,99	
160.0031	Trough for free stalls and pasture Mod. WT30-N	1 piece	\$262,99	
131.1301	Protection bracket, galvanized, with fixing parts	1 piece	\$53,99	
131.1302	Circuit pipe ¾", for WT30	1 piece	\$99,99	

# **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 I (21 gallons)
- Four holes foreseen for fixation on the ground or a socle
- Installed high-performance float valve, ½" female connection possible at the rear side of the trough from top or bottom
- High water flow up to 25 I/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 (¾" female connection) available: then suited for water pressure **max. 1 bar** (Order Ref. 160.0106)

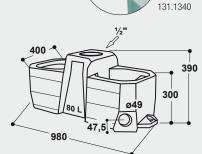
#### **ACCESSORIES:**

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

#### **RECOMMENDED FOR:**

Cattle, dairy cows, norses, sneep, goats				
	Order Ref.	Туре	Packing Hints	Price
	160.0102	Drinker for free stalls and pasture Mod. WT80	1 piece	\$195,99
	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	\$43,99



















# **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  $60 \times 6$  reduced to %" male thread, 70 cm %" female armoured hose, reduction piece straight %" male to %" female

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

Cattle and horses		Water flow in case of low pressure I/min
Model 10 F	Order Ref. 100.0010)	approx. 2,6 l/min, regulation nozzle removed
Model 20	(Order Ref. 100.0020)	approx. 2,6 I/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 I/min
Model 130P-N	(Order Ref. 100.0131)	approx. 1,7 l/min

Order Ref.	Туре	<b>Packing Hints</b>	
103.2020	Connection kit for IBC container	1 piece/bag	







# **Water Tank Drinker** Model 98

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

#### **RECOMMENDED FOR:**





Flange sealing included



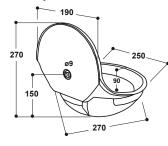
# **Water Tank Drinker** Model 180P

• Large bowl made of high-density UV-resistant AQUATHAN plastic for direct attachment to water tanks, with flange

- Free running valve tongue
- Robust low pressure brass valve
- High water flow enables quick drinking even at low water pressure
- · Flange sealing included

#### **RECOMMENDED FOR:**

Cattle, horses



Order Ref. 100.0098

180

260

150

Order Ref.	Туре	Packing Hints	Price
100.0180	Water tank drinker Mod. 180P	1 piece/bag	\$102,99

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

Order Ref. 100.0131

102.0352

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

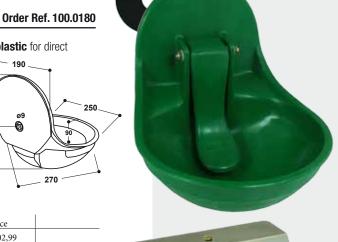
#### **ACCESSORIES:**

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

#### **RECOMMENDED FOR:**

Calves, sheep, horses

Order Ref.	Туре	Packing Hints	Price	
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		





Water Tank 500 I (see page 65) with drinking bowl Mod. 130P-N











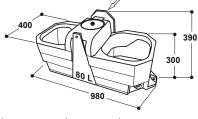
# **Double Water Tank Drinker Model FT80**

Order Ref. 160.0280

- For direct water tank trailer installation with fixation flange
- With two drinking places, contents 80 I
- 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



Cattle, dairy cows, horses, sheep, goats



Order Ref.	Туре	Packing Hints	Price	
160.0280	Double water tank drinker Mod. FT80	1 piece	\$325,99	



# **Drinking Bowl Model 8**

#### **Ideal for Water Tanks**

Order Ref. 100.0008

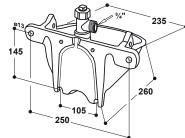
- Large drinking bowl made of cast iron, with white enamelled interior
- High water flow: up to 6 I/min at low pressure
- Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue
- ¾" male connection from all sides (360°)
- 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 (%" female coupling, ½" male exit)



Cattle, dairy cows, bulls, horses



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









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

Order Ref. 160.0030 Order Ref. 160.0031

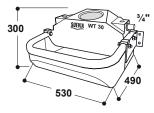
- Trough with float valve made of premium UV- resistant polyethylene for wall fixation, contents 30 I (8 gallons)
- Integrated MAXIFLOW float valve providing a water flow of up to 40 I/min (11 gallons/min)
- 3/4" male connection from the right hand or left hand side possible
- Easy access to float valve by service aperture
- With big hole for quick drainage
- Also with low pressure float valve available: then suited for water pressure 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





Order Ref.	Туре	<b>Packing Hints</b>	Price	
160.0030	Trough for free stalls and pasture Model WT30	1 piece	\$262,99	
160.0031	Trough for free stalls and pasture Model WT30-N	1 piece	\$262,99	
131.1301	Protection bracket, galvanized, with fixing parts	1 piece	\$53,99	

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

Order Ref. 160.0102

Order Ref. 160.0106

- Drinker with float valve made of top quality UV-resistant polyethylene
- With two drinking places, volume 80 I (21 gallons)
- Four holes foreseen for fixation on the ground or a socle
- Installed high-performance float valve, ½" 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 (¾" female connection) available: then suited for water pressure max. 1 bar (Order Ref. 160.0106)

#### **ACCESSORIES:**

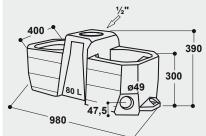
• Fixing brackets for WT80 (Order Ref. 131.1340), galvanized, 2 pieces, incl. screws

#### RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep, goats

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Order Ref.	Туре	Packing Hints	Price	
160.0102	Drinker for free stalls and pasture Mod. WT80	1 piece	\$195,99	
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	\$43,99	



















WT400, WT600, WT1000

# 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 68

#### Available sizes:

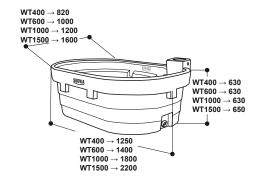
Model	Order Ref.	Contents	Dimensions	Accessories: Float Valves
		[1]	approx. (I x w x h)	
WT 200	160.0103	200	153 x 54 x 46 cm	131.0671, 131.0675
WT 400	160.0104	400	125 x 82 x 63 cm	131.0671,131.0675
WT 600	160.0100	600	140 x 100 x 63 cm	131.0671, 131.0675
WT 1000	160.0101	1000	180 x 120 x 63 cm	131.0671, 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.	Туре	Packing Hints	Price
160.0103	Pasture trough WT200	1 piece	\$311,99
160.0104	Pasture trough WT400	1 piece	\$349,99
160.0100	Pasture trough WT600	1 piece	\$384,99
160.0101	Pasture trough WT1000	1 piece	\$519,99
160.0105	Pasture trough WT1500	1 piece	
131.0671	Membrane float valve, Mod. 671	1 piece	\$35,99
131.0675	Low pressure float valve, Mod. 675	1 piece	\$58,99
131.0700	MAXIFLOW float valve, Mod. 700	1 piece	\$58,99
131.0738	Low pressure float valve, Mod. 738	1 piece	\$61,99









# Water Tank 500 I Water Tank 1300 I

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 Ø 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 I: dimensions (h x w x d) 91 x 80 x 120 cm

• Contents 1300 I: 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.	Туре	Packing Hints	Price	
160.0305	Water Tank 500 I	1 piece	\$520,99	
160.0310	Water Tank 1300 I	1 piece		





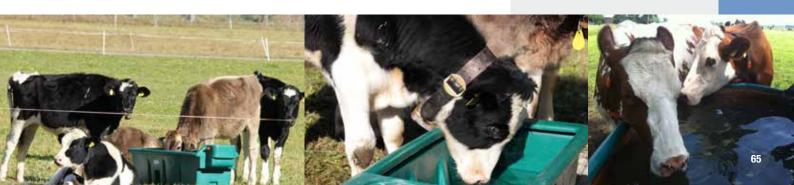




Water Tank 500 I with e.g. drinking bowl Mod. 98

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

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











#### **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!

# 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** 

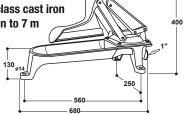
· High-quality diaphragm for suction down to 7 m

· Stainless steel axles

- Special plastic bearings
- Sufficient for 15 20 animals

#### **RECOMMENDED FOR:**

Cattle, horses

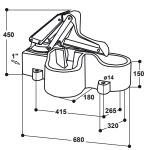


# Diaphragm pasture pumps with bowl in polyethylene Model 545-STANDARD Order Ref. 100.0545 Model 546-JUNIOR Order Ref. 100.0546

- 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 animalsn

#### **RECOMMENDED FOR:**

Cattle, calves, horses



Order Ref.	Туре	Packing Hints	Price
100.0541	Diaphragm pasture pump Mod. 541	1 piece/box	\$366,99
100.0545	Diaphragm pasture pump Mod. 545 STANDARD	1 piece/box	\$382,99
100.0546	Diaphragm pasture pump Mod. 546 JUNIOR	1 piece/box	\$416,99
101.0542	Suction filter with non-return valve	1 piece	
101.0543	Suction tube (ID=30mm), per m	cut/meter	
101.0557	Suction tube set brass, 8 m	1 piece	
101.0558	Suction tube set plastic, 7 m	1 piece	







# Frost-free diaphragm pasture pumps Model 552-WINTERPROOF Model 553-WINTERPROOF-JUNIOR

Order Ref. 100.0552 Order Ref. 100.0553

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

#### **ACCESSORIES:**

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

# 500 SULVIA 500

#### RECOMMENDED FOR:

Cattle, calves, horses

Order Ref.	Туре	Packing Hints	Price	
100.0552	Diaphragm pasture pump Mod. 552 WINTERPROOF	1 piece/box	\$999,99	
100.0553	Diaphragm pasture pump Mod. 553 WINTERPROOF-JUNIOR	1 piece/box	\$999,99	
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	\$58,99	

#### **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

Order Ref.	Туре	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	











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# Membrane Float Valve Model 671

- 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

# 240 // 140 // 200 SUEVIA 25

Order Ref. 131.0671

# **Low Pressure Float Valve Model 675**

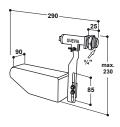
- Suited for all SUEVIA pasture troughs Model WT200 WT1500 and WT80
- ¾" male connection
- For water pressure up to max. 1 bar
- With stainless steel nozzle!

Order Ref. 131.0700

Order Ref. 131.0675

# MAXIFLOW Float Valve Model 700

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



# **Low Pressure Float Valve Model 738**

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

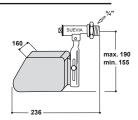


Order Ref. 131.0738

#### **MASTERFLOW Float Valve**

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

- For installation into troughs and tanks
- 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. 131.0723 Order Ref. 131.0739

Order Ref.	Туре	Packing Hints	Price
131.0671	Membrane float valve, Mod. 671	1 piece	\$35,99
131.0675	Low pressure float valve, Mod. 675	1 piece	\$58,99
131.0700	MAXIFLOW float valve, Mod. 700	1 piece	\$58,99
131.0738	Low pressure float valve, Mod. 738	1 piece	\$61,99
131.0723	MASTERFLOW float valve, Mod. 723	1 piece	\$61,99
	MASTERFLOW float valve, Mod. 739 for low pressure	1 piece	\$63,99





# Float Valve Model 509

- For installation into troughs and tanks
- Float Valve with plastic cage
- Water flow up to 8 I/minute (2 gallons/min)
- 1/2" 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

#### ACCESSORIES:

• Fixing bracket (Order Ref. 131.0506)

# **High-Performance Float Valve Model 513**

- For installation into troughs and tanks
- Stainless steel cover
- 1/2" 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)



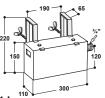
Order Ref. 131.0509

## **High-Performance MAXIFLOW Float Valve**

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

Order Ref. 131.0874 Order Ref. 131.0475

- · 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 I/min (11 gallons/min)
- Mod. 475 low pressure float valve: water pressure up to max. 1 bar



# Filling Valve Model 717

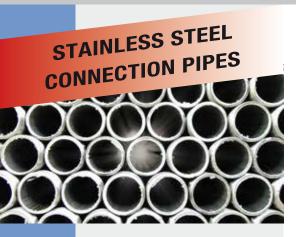
Order Ref. 131.0717

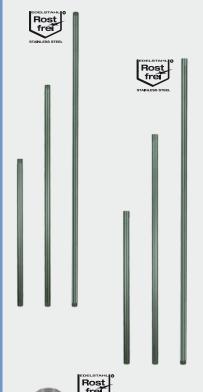
- Foreseen to fill water tanks: guarantees a minimum water level at the tank's bottom
- SUEVIA Filling Valve Model 717 is used in those drinking systems, which provide water through a storage tank. In this tank a pre-warmed water from milk cooling is collected after milking, in order to give it to the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

Order Ref.	Туре	Packing Hints	Price	
131.0509	Float valve Mod. 509, with plastic housing	1 piece	\$50,99	
131.0506	Fixing bracket	1 piece	\$14,50	
131.0513	High-performance float valve, Mod. 513	1 piece/box	\$72,99	
131.0874	High-performance MAXIFLOW float valve, Mod. 874	1 piece/box	\$108,99	
131.0475	Low pressure float valve Mod. 475	1 piece/box	\$111,99	
131.0717	Filling valve Mod. 717	1 piece/bag	\$164,99	











# Stainless Steel Connection Pipes 1/2"

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

Order Ref.	Туре	Packing Hints	Price	
103.1938	Connection pipe inox ½", 10 cm, straight, m, m	1 piece	\$5,95	
103.1939	Connection pipe inox ½", 15 cm, straight, m, m	1 piece	\$6,65	
103.1934	Connection pipe inox ½", 25 cm, straight, m, m	1 piece	\$7,50	
103.1935	Connection pipe inox ½", 35 cm, straight, m, m	1 piece	\$8,50	
103.1941	Connection pipe inox ½", 50 cm, straight, m, m	1 piece	\$10,15	
103.1942	Connection pipe inox ½", 75 cm, straight, m, m	1 piece	\$12,50	
103.1943	Connection pipe inox ½", 100 cm, straight, m, m	1 piece	\$14,99	
103.1948	Connection pipe inox ½", 125 cm, straight, m, m	1 piece	\$26,55	
103.1949	Connection pipe inox ½", 150 cm, straight, m, m	1 piece	\$29,15	

# Stainless Steel Connection Pipes 1/2"

f/m

m/m

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

Order Ref.	Туре	Packing Hints	Price	
103.1931	Connection pipe inox ½", 50 cm, straight, f, m	1 piece	\$11,35	
103.1932	Connection pipe inox ½", 75 cm, straight, f, m	1 piece	\$13,99	
103.1933	Connection pipe inox ½", 100 cm, straight, f, m	1 piece	\$16,15	

# **Stainless Steel Connection Pipes**

m/m

- Straight pipe made of stainless steel
- ¾" male/male connection

Order Ref.	Туре	Packing Hints	Price
103.1993	Connection pipe inox ¾", 10 cm, straight, m, m	1 piece	\$7,50
103.1994	Connection pipe inox ¾", 15 cm, straight, m, m	1 piece	\$8,35
103.1995	Connection pipe inox ¾", 50 cm, straight, m, m	1 piece	\$17,50
103.1996	Connection pipe inox ¾", 75 cm, straight, m, m	1 piece	\$22,50
103.1997	Connection pipe inox ¾", 100 cm, straight, m, m	1 piece	\$28,30
103.1998	Connection pipe inox ¾", 125 cm, straight, m, m	1 piece	\$39,99
103.1999	Connection pipe inox ¾", 150 cm, straight, m, m	1 piece	\$44.15

# Hose Nipple in Stainless Steel ½"

 $\bullet\,$  Depending on hose nipple type, with ½" male or ½" female thread

Order Re	f. Type	Packing Hints	Price	
103.197	1 Hose nipple, inox, ½" male	1 piece	\$3,29	
103.197	Hose nipple, inox, ½" female, with sealing	1 piece	\$3,29	

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

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

Order Ref.	Туре	Packing Hints	Price
101.1276	Armoured hose 300 mm f/m 1/2"	1 piece	\$10,99
101.1277	Armoured hose 500 mm f/m 1/2"	1 piece	\$12,99
101.1278	Armoured hose 300 mm f/m ¾"	1 piece	\$15,99
101.1279	Armoured hose 500 mm f/m ¾"	1 piece	\$18,99
132.1182	Armoured hose 700 mm f/m ¾"	1 piece	
101.1280	Armoured hose 1000 mm f/f 1"	1 piece	





# **Circuit Pipe for Drinking Bowls**

Order Ref. 103.2005

- . Made of stainless steel
- Connections in 34" 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 ¾" valve: Mod. 25R-VA¾" (Order Ref. 100.0259), Mod. 12P-VA¾" (Order Ref. 100.0129 and 100.0128), Mod. 375-VA¾" (Order Ref. 100.3759), Mod. 1200-VA¾" (Order Ref. 100.1209), Mod. 18P-VA¾" (Order Ref. 100.0189), Mod. 16P-VA¾" (Order Ref. 100.0169), Mod. 19R-MS¾" (Order Ref. 100.0198)
- Height x width: approx. 123,5 x 17,5 cm

Order Ref.	Туре	Packing Hints	Price	
103.2005	Circuit pipe inox ¾", for drinking bowls	1 piece	\$102,99	

# **Circuit Pipes for Trough Drinkers**

Order Ref. 103.2006

- . Made of stainless steel
- 2 connections ¾" male + 1 connection ¾" 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 ¾" circuit. The water passes the valve.
- Height x width: approx. 120 x 15,5 cm

Order Ref.	Туре	Packing Hints	Price	
103.2006	Circuit pipe inox ¾", for troughs Mod. 500, 520, 600, 620	1 piece	\$102,99	

# Protection plate, galvanized

Protection plate for tubes

· Galvanized steel

• Length x width x height: approx. 100 x 11 x 8 cm

# Order Ref. 103.1957

Order Ref. 103.1958

# **Protection Plate, Stainless Steel**

• Protection plate for tubes

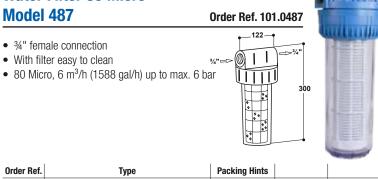
Made of stainless steel

· Length x width x height: ag

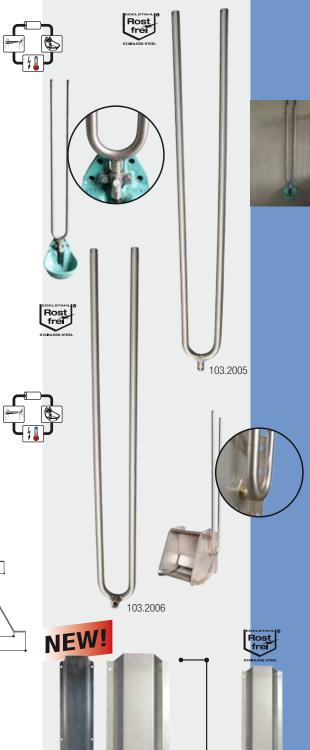
	60 - 95 -
approx. 100 x 21,5 x 6 cm	165
,	215

Order Ref.	Туре	Packing Hints	Price	
103.1957	Protection plate, galvanized, 100 x 11 x 8 cm	1 piece		
103.1958	Protection plate, stainless steel, 100 x 21,5 x 6 cm	1 piece	\$60.99	

# **Water Filter 80 Micro Model 487**







1 m

103.1957

103.1958

protection plate 103.1958

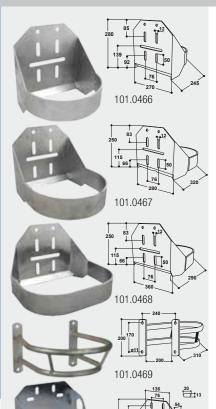
71

with Mod. 25R-MS1/21











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

Order Ref.	Suited for
101.0466	Model 10P and 20
	for wall and pipe fixation (1½" – 2")
101.0467	Model 115, 25R, 12P for wall and pipe fixation ( $1\frac{1}{2}$ " – 2") and Model 1200 for wall and pipe fixation ( $1\frac{1}{2}$ ")
101.0468	Model 19R
	for wall and pipe fixation (1½" – 2")
101.0469	Model 10P, 20, 12P, 25R, 46, 115, 1100 and 1200
	only for wall fixation
101.0470	Model 130P, 340, RUB
	for wall and pipe fixation $(1\frac{1}{2}" - 2")$
100.0010	
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

Order Ref.	Туре	Packing Hints	Price
101.0466	Protection bracket Mod. 466	1 piece	\$71,99
101.0467	Protection bracket Mod. 467	1 piece	\$75,99
101.0468	Protection bracket Mod. 468	1 piece	\$76,99
101.0469	Protection bracket Mod. 469	2 pieces/box	\$39,99
101.0470	Protection bracket Mod. 470	1 piece	\$73,99
102.0249	Valve protection bracket	1 piece	\$11,99
101.0454	Mud protection bell Mod. 454	1 piece	

drinking bowls for cattle. For installation foresee a horizontal pipe

# Adapter Plate for 2½" - 3½" Pipes

 $(1\frac{1}{2}" - 2")$  over the drinking bowl.

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

#### **ACCESSORIES:**

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

Order Ref.	Туре	Packing Hints	Price	
101.1240	Adapter plate, for 2½" – 3½" pipes	1 piece	\$42,99	
101.1241	Bracket galv. for 2½" / 77 mm, with nuts and washers	1 piece/bag	\$5,99	
101.1242	Bracket galv. for 3½" / 102 mm, with nuts and washers	1 piece/bag	\$6,99	

# 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

11010 01	otanoo 7 0 mm			
Order Ref.	Туре	Packing Hints	Price	
101.1480	Mounting Bracket, octagon post 76 mm	1 piece/bag	\$42,99	
101.1481	Mounting Bracket, octagon post 102 mm	1 piece/bag	\$48,99	
101.1482	Mounting Bracket, octagon post 140 mm	1 piece/bag	\$54,99	
101.1483	Mounting Bracket, T-beam	1 piece/bag	\$58,99	
101.1484	Mounting Bracket for posts Ø 76 mm	1 piece/bag	\$43,99	
101.1485	Mounting Bracket for posts Ø 102 mm	1 piece/bag	\$48,99	







101.1480



101.1481

102 mm / 3½" : 101.1242





#### 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 I (5 gallons), dimensions (w x h x d) approx. 80 x 60 x 11 cm

Order Ref.	Туре	Packing Hints	Price	
160.1086	Disinfection bath for boots, SD80	1 piece	\$86,99	

# **Cleaning Bath for Cattle KB200**, 2,0 m KB280, 2,8 m

Order Ref. 160.0160

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 x15 cm (KB200) or 280 x 90 x 15 cm (KB280)

• Capacity 200 I (KB200) oder 280 I (KB280)

#### **RECOMMENDED FOR:**

Cattle, dairy cows, sheep

150		200 280
Packing Hints	Price	

Order Ref.	Туре	Packing Hints	Price	
160.0160	Cleaning bath for cattle KB200	1 piece	\$331,99	
160.0161	Cleaning bath for cattle KB280	1 piece	\$554,99	

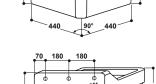
# **Triangular Feeder Model 210 Rectangular Feeder Model 211**

Order Ref. 160.0210 Order Ref. 160.0211

• Trough made of premium quality **UV-resistant polyethylene** 

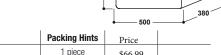
• Smoothly moulded edges – no risk of injury for the animal!

- Anti-waste rim prevents spillage
- Equipped with drainage plug for better cleaning
- Model 210 triangular feeder (Order Ref. 160.0210) contents 22 I
- Model 211 rectangular feeder (Order Ref.160.0211) contents 26 I



#### **RECOMMENDED FOR:**

Calves, horses



			300	. •
Order Ref.	Туре	Packing Hints	Price	
160.0210	Triangular feeder Mod. 210	1 piece	\$66,99	
160 0211	Rectangular feeder Mod. 211	1 niece	\$66.99	

# **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.	Туре	Packing Hints	Price	
101.0965	Lick stone holder, stainless steel	1 piece	\$92,99	













### Calf Hut MINI NO AVAILABLE



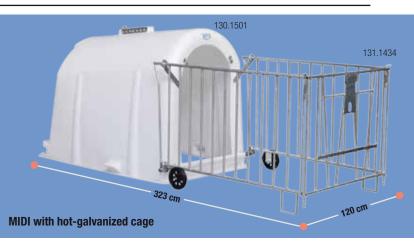




# Calf Hut MIDI NO AVAILABLE







## Calf Hut MAXI NO AVAILABLE









Always fresh air for your calf: adjustable three-holeventilation 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.





#### NO AVAILABLE **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** NO AVAILABLE

- 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 77)
- 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 77)
- 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 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 accaessories



Accessories



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



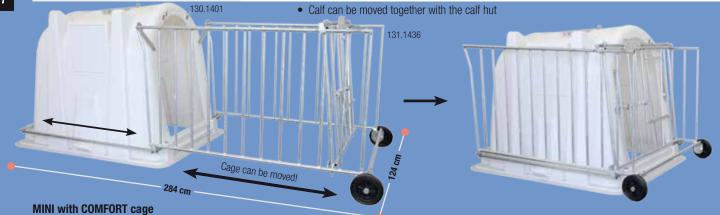




#### NO AVAILABLE

### **COMFORT Cage for Model MINI**

Order Ref. 131.1436

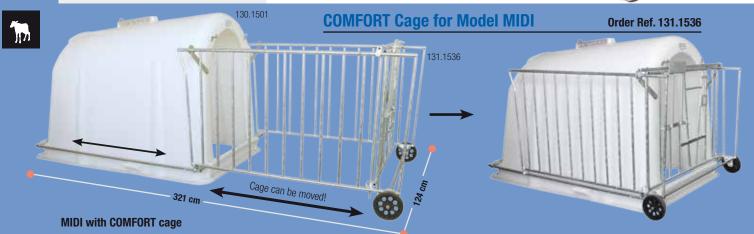


- 1. The complete cage is moved backwards alongside the hut, in order to hold the calf back in the hut. The place in front of the hut can now be cleaned.
- 2. In order to renew the straw in a hut with a calf inside, the hut is lifted up slightly at the back side and moved forwards together with the walking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







76

#### **ACCESSORIES:**

Container for hay and concentrates, in plastic, especially designed for

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

Order R	ef. Type PG	Packing Hints
130.14	Calf hut MINI	1 piece
131.14	6 COMFORT cage, hot-galvanized, for calf hut MINI	1 piece
130.15	Calf hut MIDI	1 piece
131.15	6 COMFORT cage, hot-galvanized, for calf hut MIDI	1 piece
131.14	9 Container for hay and concentrates, for COMFORT cage	1 piece

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

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









### **Accessories for Calf Huts MINI, MIDI and MAXI**

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





















7

NEW!

PG

Order Ref.

Calf bucket				
drinker, with				
teat, flat side,				
QΙ				

300.0013

300.0049 **Lid** for flattened calf bucket drinker 8 I 131.1015 **Holder** for flattened calf bucket drinker, galvanized

300.0038

Bucket
in plastic,

300.0288 **Feeding bowl**, 5 |

131.1016 **Bracket**, galvanized, for 12 I bucket or feeding bowl 5 I

300.0632

Calf Coat
Standard, grey,
back length 67 cm













Order	Ref.

131.1418

Container for hay and concentrates

for outdoor feeding (for cages 131.1434,

131.1633). In high-quality polyethylene, with

galvanized cover easy to tilt. The upper part is

used as a hay rack (bars in stainless steel), the

lower part is used for familiarization of calves

to concentrates (special version of container

for COMFORT cage - see page 76)

1418

Window cover complete with hinges and latch (the window opening has to be cut out on site) - for MINI and MAXI

131.1002

131.1403 **Hay manger** galvanized, for indoor feeding (window cover necessary) -

for MINI and MAXI

**Bucket,** in plastic, 5 I

300.0044

**Double bracket holder** for 5 I buckets, with divider, galvanized, without buckets (window cover necessary) - for MINI and MAXI

131.1404







#### **ACCESSORIES FOR CALVES**



# **Calf Coat Standard, grey**

Order Ref. 300.0632

- Improves calf's immune system and supports his well-being in his first days and weeks after birth
- Offers extra protection against cold temperatures and helps to protect against different diseases
- · Contributes to daily weight gain of the calf
- Outer layer is made of tear-proof and water-resistant Polyester
- Insulation layer made of high-quality Polyfill, filling made of breathable textile
- Comfortable fit, flexible and adjustable to the size of the calf
- Stable click buckles and adjustable nylon straps ensure that the calf coat is easy to use
- Machine washable at 30°C
- Back length 67 cm
- Recommended for calves kept separately in a box or calf hut, in the first weeks of age

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Order Ref.	Туре	Packing Hints	Price	
300.0632	Calf Coat Standard, grey	1 piece/bag	\$42,99	







#### **COW BRUSHES**

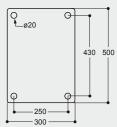
#### **Brush TWISTER**

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

			. 4
Order Ref.	Туре	Packing Hints	Price
131.4153	Brush TWISTER	10 pieces/pallet	\$688,99
131.4151	Mounting bar with welded shackles	1 piece	\$29,99
131.4152	Suspension arm, hot galvanized	10 pieces/pallet	\$332,99









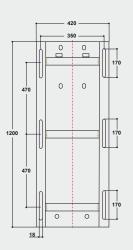




#### **COW BRUSHES**







#### **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

Order Ref.	Туре	Packing Hints	Price	
130.5000	Cow brush PROFICOW-ONE, 230 V, 50 Hz	2 pieces/pallet	\$2377,00	







### **COW BRUSHES**

# 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











# **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.







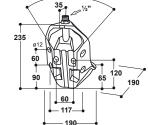




# **Drinking Bowl with Drink Inducer** Model 370 with 1/2" brass valve

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" - 11/2" 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.	Туре	Packing Hints	
100.0370	Drinking bowl Mod. 370-MS½", brass valve	1 piece/box	
131.0152	Fixing bracket M10 1" - 11/2", 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

• ¾" male connection from from top and bottom: suited for installation into water

- 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  $1" - 1\frac{1}{2}"$  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.	Туре	Packing Hints	
100.3759	Drinking bowl Mod. 375-VA¾", st. steel valve	1 piece/box	
131.0169	Fixing bracket M12 11/2" - 2", galvanized	1 piece/bag	
101.0433	Height regulation without tools, in stainless steel	1 piece	
103.1983	Connection set for ¾" water circuits	1 piece/bag	





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, independant and sufficient water supply is guaranteed this way.

SUITED FOR WATER CIRCUITS!







Ideal for installation into water circuits in combination with SUEVIA heating unit! (see pages 30 - 33)









Order Ref. 100.1250

Order Ref. 100.0130

#### DRINKING BOWLS FOR SHEEP AND GOATS







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

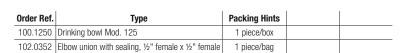
- Bowl made of aluminium, plastic-coated
- With float valve constant water level
- Removable cover in polyethylene
- · No sharp edges, no risk of injury!
- Constant water level simple adjustment
- With plug for quick drainage
- 1/2" male connection, from right or left hand side

#### **ACCESSORIES:**

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



Sheep, goats, dogs, calves, domestic animals

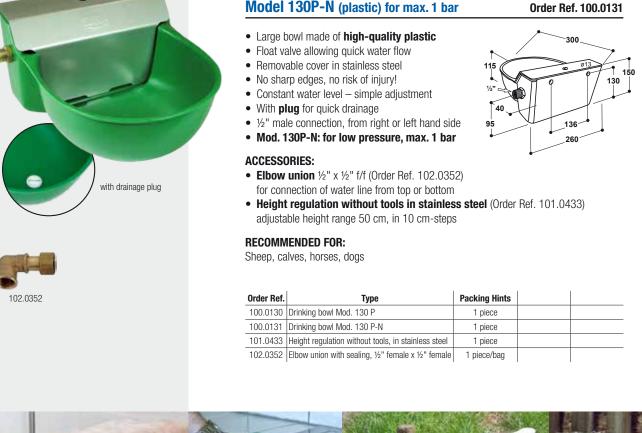








# **Drinking Bowls with Float Valve** Model 130P (plastic) for max. 5 bar Model 130P-N (plastic) for max. 1 bar















## **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

#### **ACCESSORIES:**

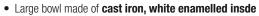
- **Elbow union** ½" x ½" f/f (Order Ref. 102.0352) for connection of water line from top or bottom
- Height regulation without tools in stainless steel (Order Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps



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



- 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

#### **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

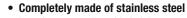
#### **RECOMMENDED FOR:**

Sheep, goats, dogs

Order Ref.	Туре	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, 1/2" female x 1/2" female	1 piece/bag	

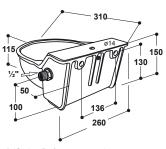
# Height regulation without tools in stainless steel

Order Ref. 101.0433



- 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

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

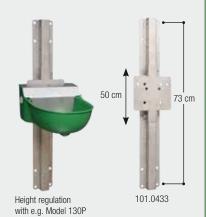




















**Model WT80** 

**Model WT80-N** 



#### DRINKING BOWLS FOR SHEEP AND GOATS



## **Troughs for Pasture**

**Model WT200** 

Order Ref. 160.0103



Order Ref. 160.0102

Order Ref. 160.0106

p. 63

**Model WT30** Order Ref. 160.0030 **Model WT30-N** Order Ref. 160,0031





· Free vertically swinging brush. delivered in single parts: brush, mounting bar and suspension arm

• Technical data see page 79

p. 79



- Contents 500 I: dimensions (h x w x d) 91x80x120 cm
- Contents 1300 I: dimensions (h x w x d) 131x120x130 cm
- Technical data and accessories see page 65





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!

#### **Cleaning Bath for Sheep KB150**

Order Ref. 160.0150

Order Ref. 130.6155

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

#### **RECOMMENDED FOR:**

Sheep

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

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

· Trough for wall fixation

- Completely made of stainless steel
- For 50 8
- With float
- According
- ½" lateral
- Integrated
- Contents

<ul> <li>For 50 – 80 sheep / goats</li> <li>With float valve - constant water level</li> <li>According to water pressure, water flow up to 5 l/m</li> <li>½" lateral male connection, possible from left or rig</li> <li>Integrated drainage hole for quick evaquation</li> <li>Contents 13 I (3,5 gallons)</li> </ul>		155 /min	Drilling pa 2059	
Order Ref.	Туре	Packing Hints		
130.6155	Trough in stainless steel 2,1 m, for sheep and goats	1 piece		















#### **Heated Drinkers**

Model 46 with brass valve ½" Order Ref. 100.0046 Model 46 with stainless steel valve ¾" 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 intallation 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 21 29



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 25 29





# Drinking Bowl with installed heating Model 130P-H

Order Ref. 100.1305



- Due to installed heating element (24 V, 20 W), the drinker is frost-free down to -10°C
- Technical data and accessories see pages 19 – 29

#### Thermo Tube 400 mm

Order Ref. 101.0344

- For installation of heated drinking bowl Mod. 43A
- Details see page 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. 34



• 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









# **DRINKING BOWLS FOR PIGLETS**





#### DRINKING BOWLS FOR FATTENING PIGS









Mod. 74 100.0748

DRINKING BOWLS FOR SOWS AND BOARS











DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN





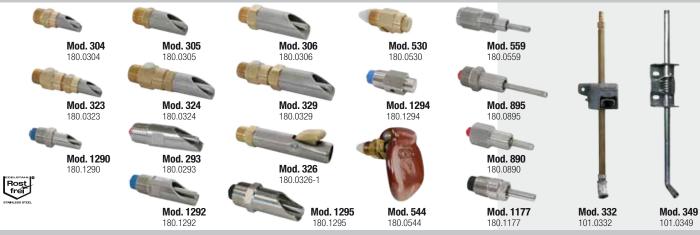


### **HEATED DRINKING BOWLS FOR PIGS**





# **NIPPLE DRINKERS**



#### **ACCESSORIES**



**SUEVIA** 





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