



SUEVIA

DRINKING BOWLS FOR YOUR ANIMALS' WELLNESS



CATALOGUE 2021



CATTLE
HORSES
SHEEP
GOATS
PIGS



SUEVIA HAIGES GMBH



SUEVIA HAIGES GmbH

founded in 1923

SUEVIA means: the land of Suebs, region of world-renowned inventors subsidiary in Reims, France

family-run in the 4th generation

180 employees

16 apprentices

760 kWp photovoltaic system

2.319 modules cover 1/3 of our needs

29.000 m² of area

nearly 100% in-house manufacturing

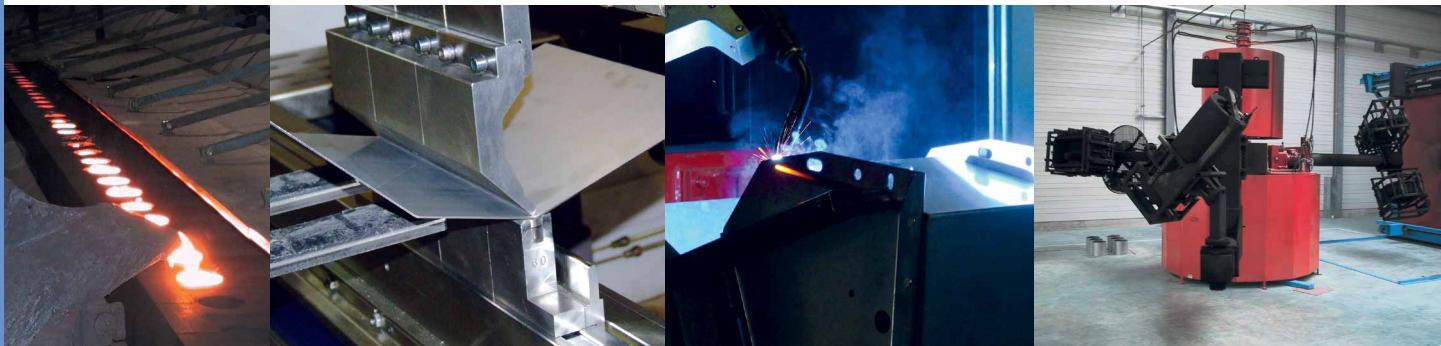
cast iron foundry
enamelling plant
plastic coating
plastic injection moulding
plastic rotomoulding
turning shop
CNC milling
steel construction
stainless steel sheet processing
(2 laser systems, expanded by 2.200 m² in 2020!)

automation

lots of robots help us to optimize production
CNC machines produce fully automated

logistics

worldwide export
more than 3.400 pallet spaces
(2020: expanded by further 2.200 spaces!)





SUEVIA

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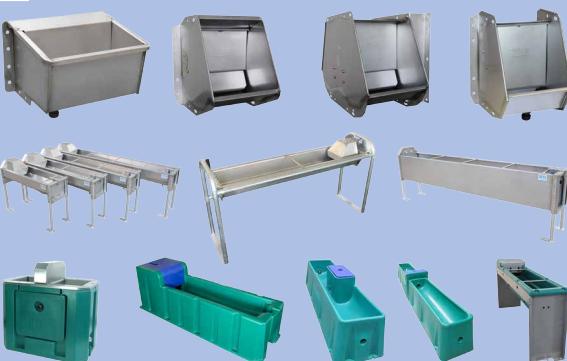
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All prices are valid for industrial, commercial and trade enquiries as well as for other individuals. All offers are subject to change; they become binding by our order confirmation and in case that parts are ex-stock upon delivery. Subject to availability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 All prices in earlier catalogues or in price lists are superseded by those in this catalogue edition.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

Suited for:



Cattle,
Dairy Cows



Calves



Horses



Sheep



Goats



Geese



Pigs



Piglets

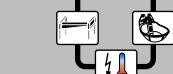


Dogs

Symbols explanation:



Package unit:
2 pieces in blister



suited for installation into
a water circuit



Price group 2
Special conditions
are valid



DRINKING BOWLS FOR CATTLE

Drinking Bowls for Cattle and Horses

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

In this category you will find drinking bowls made of high-quality cast iron, stainless steel, plastic or polyethylene. For free stalls we can offer you a large range of heated or frost-protected drinking bowls. For dairy cows you can choose between compact high-capacity valve trough drinkers or large luminous 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
Calf	90 kg 180 kg	–	8 l 14 l	13 l 23 l	40 – 60 cm
Cattle	350 kg	–	25 l	40 l	60 – 70 cm
Dry cow	630 kg	–	40 l	60 l	60 – 90 cm
Dairy cow	–	27 kg 45 kg	85 l 125 l	105 l 180 l	70 – 100 cm

	Average water intake in liter animal/day	Horse height	Mounting height of drinking bowls
Horse	20 – 60 l (approx. 5 – 12 l per 100 kg animal weight)	1,40 m 1,60 m 1,75 m	approx. 70 – 90 cm approx. 80 – 100 cm approx. 90 – 110 cm

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



Drinking Bowls with a Tongue Valve

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

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

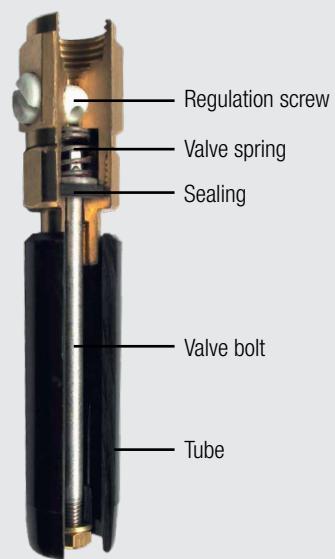
Drinking Bowls with a Tube Valve

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

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



Cross section of a valve tube with a regulation screw





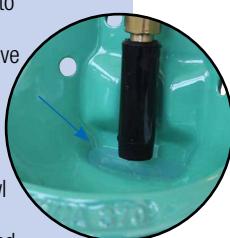
DRINKING BOWLS FOR CALVES



INSIDER TIP!

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

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



Drinking Bowl with Drink Inducer

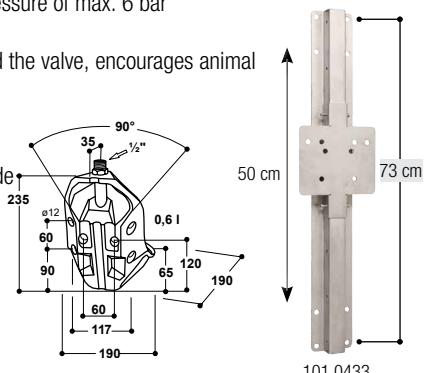
Model 370 with ½" brass valve

Ref. 100.0370

Model 370 with ½" stainless steel valve

Ref. 100.0379

- Bowl made of **cast iron, completely enamelled**, easy to clean
- Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- Little hollow**, which acts as a water supply behind the valve, encourages animal learning
- Calm water flow through tube valve
- ½" 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** (Ref. 131.0152), for fixation on 1" – 1½" pipes
- Height regulation without tools in stainless steel** (Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR: Calves, sheep, goats, dogs

Ref.	Type	Packing Hints
100.0370	Drinking bowl Mod. 370-MS½", brass valve	1 piece/box
100.0379	Drinking bowl Mod. 370-VA½", stainless steel valve	1 piece/box
131.0152	Fixing bracket M10 1" – 1½", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece

Drinking Bowl with Drink Inducer

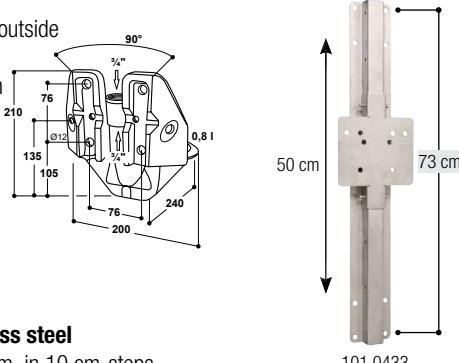
Model 375 with ¾" brass valve

Ref. 100.3753

Model 375 with ¾" stainless steel valve

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
- Little hollow**, which acts as a water supply behind the valve, encourages animal learning
- Calm water flow through tube valve
- ¾" female connection from top and bottom: **suited for installation into water circuits!**
- Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes



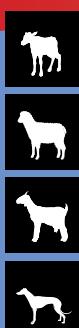
ACCESSORIES:

- 2 fixing brackets** (Ref. 131.0169), for fixation on 1" – 1½" pipes
- Connection set for ¾" water circuits** (Ref. 103.1983), made of stainless steel, for easy installation into water circuits
- Height regulation without tools in stainless steel** (Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR: Calves, sheep, goats, dogs

Ref.	Type	Packing Hints
100.3753	Drinking bowl Mod. 375-MS¾", brass valve	1 piece/box
100.3759	Drinking bowl Mod. 375-VA¾", stainless steel valve	1 piece/box
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag

SUITED FOR WATER CIRCUITS



103.1983

102.1127





SUEVIA

DRINKING BOWLS FOR HORSES AND CALVES



Drinking Bowl Model 10P

Ref. 100.0010

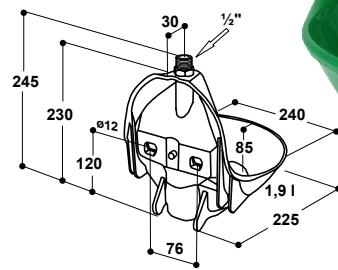
- Bowl made of **top quality AQUATHAN plastic**
- Extremely flexible, flexes on impacts, shock-resistant
- No sharp edges, no risk of injury**
- Smoothly running brass tube valve with $\frac{1}{2}$ " male connection from the top
- Calm water flow through tube valve, **with enticement basin**
- Water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

ACCESSORIES:

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

RECOMMENDED FOR:

Calves, horses



Drinking Bowl

Model 12P green with $\frac{3}{4}$ " brass valve

Ref. 100.0123

Model 12P green with $\frac{3}{4}$ " stainless steel valve

Ref. 100.0129

Model 12P black with $\frac{3}{4}$ " stainless steel valve

Ref. 100.0128

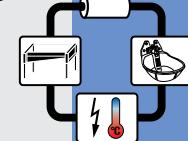
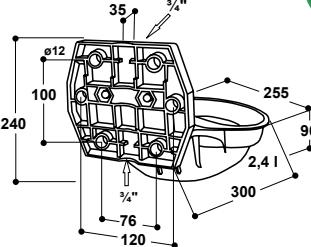
Model 12P golden pink with $\frac{3}{4}$ " brass valve

Ref. 100.0122

- Bowl made of **top quality AQUATHAN plastic**
- Extremely flexible, flexes on impacts, shock-resistant
- No sharp edges, no risk of injury**
- Smoothly running tube valve in **$\frac{3}{4}$ " brass or $\frac{3}{4}$ " 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** (Ref. 101.0167, reinforcing plate incl.) for fixation on $1\frac{1}{2}$ " – 2" pipes
- Connection set for $\frac{3}{4}$ " water circuits** (Ref. 103.1983) in stainless steel, for easy installation into water circuits



RECOMMENDED FOR:

Calves, horses

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





DRINKING BOWLS FOR CALVES + HORSES

NEW!

AVAILABLE
FROM SUMMER
2021



102.0352

push-out-plug

AVAILABLE ALSO WITH
HEATING » p. 17



100.0130
100.0131

with drainage plug
102.0352



100.0340

102.0352

Drinking Bowl with Float Valve, MINICUP Model 127K (cast iron, plastic-coated)

Ref. 100.1270

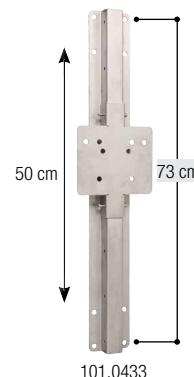
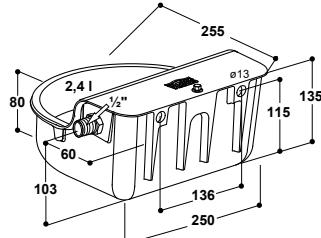
- Bowl made of **cast iron, plastic-coated**
- With float valve up to 5 bar
- Removable cover in stainless steel
- Constant water level – simple adjustment
- With **push-out-plug for easy drainage!**
- ½" male connection from right or left hand side

ACCESSORIES:

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

RECOMMENDED FOR:

Sheep, goats, calves, dogs, pets



Drinking Bowl with Float Valve

Model 130P (plastic) for max. 5 bar

Ref. 100.0130

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

Ref. 100.0131

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

Ref. 100.0340

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

ACCESSORIES:

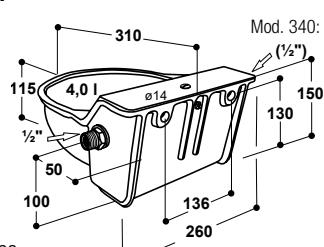
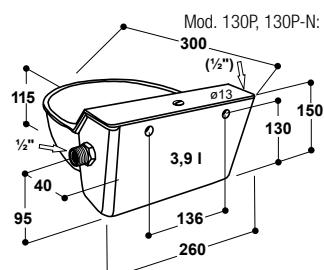
- Elbow union ½" x ½" f/f** (102.0352) for connection of water line from top or bottom
- Height regulation without tools in stainless steel** (101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR:

MOD. 130P / 130P-N:
Calves, horses, sheep, dogs

MOD. 340:

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



Ref.	Type	Packing Hints
100.1270	Drinking bowl MINICUP, Mod. 127K	1 piece
100.0130	Drinking bowl Mod. 130 P	1 piece
100.0131	Drinking bowl Mod. 130 P-N	1 piece
100.0340	Drinking bowl Mod. 340	1 piece/box
101.0433	Height regulation without tools, in stainless steel	1 piece
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag



SUEVIA
EDELSTAHL Rost frei STAINLESS STEEL

NIPPLE DRINKER FOR CALVES AND BULLS

SUEVIA Nipple Drinker for Calves and Bulls

Model 326

Ref. 180.0326-1

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

ACCESSORIES:

- **Wall angle, cast iron** (Ref. 101.0328)
- **Protection bracket** for nipple drinker for calves and bulls, galvanized (Ref. 181.0327), inclusive mounted wall angle Model 326, made of cast iron, with ½" connection possibility from top and bottom, suited for wall and pipe fixation, inclination 10°
- **1 double bracket** (Ref. 101.0179), for fixation on 1¼" – 2" pipes
- **¾" Circuit pipe in stainless steel**, with 2 female exits ½", 2 male connections ¾" (Ref. 103.2007)

RECOMMENDED FOR:

Calves, bulls, sows, boars



180.0326-1



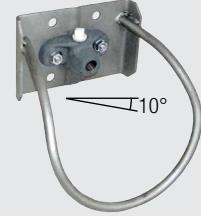
180.0330-1



101.0328

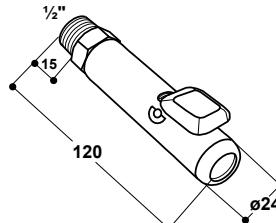


101.0179



181.0327

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



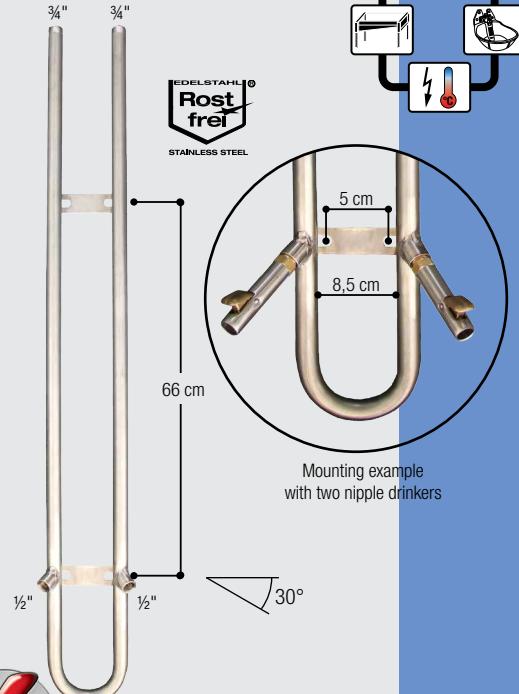
Circuit pipe in stainless steel ¾" for 2 nipple drinkers

¾"

Ref. 103.2007

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

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



Mounting example
with two nipple drinkers



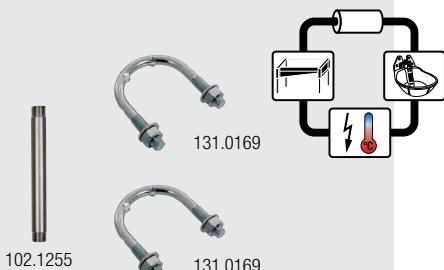
INSIDER TIP!

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





DRINKING BOWLS



Drinking Bowl

Model 20 with $\frac{1}{2}$ " brass valve

Ref. 100.0020

Model 20 with $\frac{1}{2}$ " stainless steel valve

Ref. 100.0209

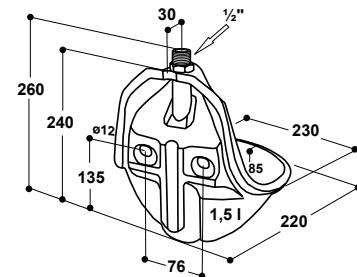
- Bowl made of **cast iron, completely enamelled**
- Smoothly running brass tube valve with **$\frac{1}{2}$ " male connection** from the top
- Calm water flow through tube valve, no water spillage
- Mod. 20-MS $\frac{1}{2}$ ": Water flow regulation by enlarging the nozzle boring
- Mod. 20-VA $\frac{1}{2}$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

ACCESSORIES:

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

RECOMMENDED FOR:

Cattle, horses



Ref.	Type	Packing Hints
100.0020	Drinking bowl Mod. 20-MS $\frac{1}{2}$ ", brass valve	1 piece/box
100.0209	Drinking bowl Mod. 20-VA $\frac{1}{2}$ ", stainless steel valve	1 piece/box
131.0169	Fixing bracket M12 1 $\frac{1}{2}$ " – 2", galvanized	1 piece/bag

Drinking Bowl

Model 60

Ref. 100.0060

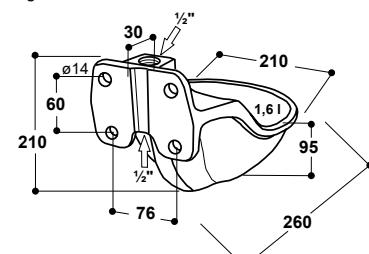
- Bowl made of **cast iron, completely enamelled**
- Smoothly running brass tube valve
- $\frac{1}{2}$ " female connection** from top and bottom
- Calm water flow through tube valve, no water spillage
- With 4-hole-fixation

ACCESSORIES:

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

RECOMMENDED FOR:

Cattle, horses



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





SUEVIA

DRINKING BOWLS

Drinking Bowl

Model 25R with ¾" brass valve

Ref. 100.0253

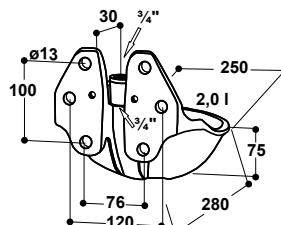
Model 25R with ¾" stainless steel valve

Ref. 100.0259

- Large drinking bowl made of **cast iron, completely enamelled**
- Smoothly running tube valve in **¾" 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 l/min
- With 6-hole-fixation

ACCESSORIES:

- **1 double bracket** (Ref. 101.0179), for fixation on 1¼" – 2" pipes
- **Connection set for ¾" water circuits** (Ref. 103.1983) in stainless steel, for easy connection into water circuits
- **Steel Post**, 60 or 80 cm (Ref. 101.0455 and 101.0456), helps to protect drinking bowls



RECOMMENDED FOR:

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

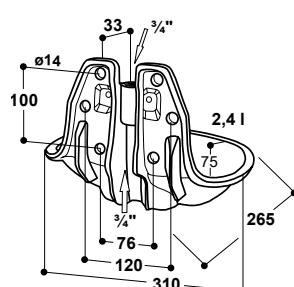
Ref.	Type	Packing Hints
100.0253	Drinking bowl Mod. 25R-MS¾", brass valve	1 piece/box
100.0259	Drinking bowl Mod. 25R-VA¾", st. steel valve	1 piece/box
101.0179	Double bracket 1¼" – 2"	1 set/bag
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag
Steel Posts see p. 20.		

Drinking Bowl

Model 19R with ¾" brass valve

Ref. 100.0198

- Drinking bowl with double brass tube valve
- Flat and easy-to-clean cast iron bowl in complete enamel finish
- Ideal to be fixed into a separation wall between two boxes
- High water flow up to **20 l/min**
- **Water flow continuously adjustable** from outside by means of a **regulation screw**
- Double brass tube valve with ¾" (Ref. 100.0198) female connection from top and bottom
- Calm water flow through tube valves
- 6-hole-fixation



ACCESSORIES:

- **1 double bracket** (Ref. 101.0179), for fixation on 1¼" – 2" pipes
- **Connection set for ¾" water circuits** (Ref. 103.1987) in stainless steel, for easy installation into water circuits

RECOMMENDED FOR:

Cattle, dairy cows, bulls (without nose ring)

Ref.	Type	Packing Hints
100.0198	Drinking bowl Mod. 19R-MS¾", ¾" brass valve	1 piece/box
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1987	Connection set for ¾" water circuits	1 piece/bag
101.0179	Double bracket 1¼" – 2"	1 set/bag



101.0455: 60 cm
101.0456: 80 cm

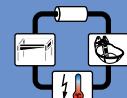
STEEL POST SEE P. 20



Connection from top and bottom

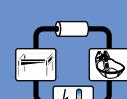
101.0459: 60 cm
101.0460: 80 cm

STEEL POST SEE P. 20



101.0455: 60 cm
101.0456: 80 cm

STEEL POST SEE P. 20



101.0459: 60 cm
101.0460: 80 cm

STEEL POST SEE P. 20



SUEVIA

DRINKING BOWLS FOR CATTLE

Drinking Bowl

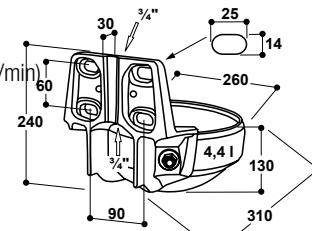
Model 1200 with ¾" brass valve

Ref. 100.1203

Model 1200 with ¾" stainless steel valve

Ref. 100.1209

- Large deep bowl in **stainless steel**, robust, secure against fracture
- Smoothly running tube valve in **¾" 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 l/min** (5,5 gallons/min)



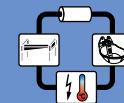
ACCESSORIES:

- **2 fixing brackets** (Ref. 131.0169) for fixation on 1½" – 2" pipes
- **Connection set for ¾" water circuits** (Ref. 103.1983) in stainless steel, for easy installation into water circuits coming **from the bottom**

RECOMMENDED FOR:

Cattle, dairy cows

Ref.	Type	Packing Hints
100.1203	Drinking bowl Mod. 1200-MS¾", brass valve	1 piece/box
100.1209	Drinking bowl Mod. 1200-VA¾", st. steel valve	1 piece/box
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag

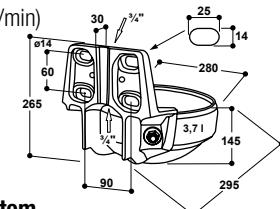


Drinking Bowl

Model 1200P with ¾" brass valve

Ref. 100.1213

- Large deep bowl in **UV-resistant polyethylene** with **installed drainage plug** for easier cleaning
- Due to rim bent inwards, water wastage is reduced to a minimum (anti-splash ring)
- Smoothly running **¾" brass** tube valve
- **¾" female connection from top and bottom**
- **Very high water flow** up to **20 l/min** (5,5 gallons/min)



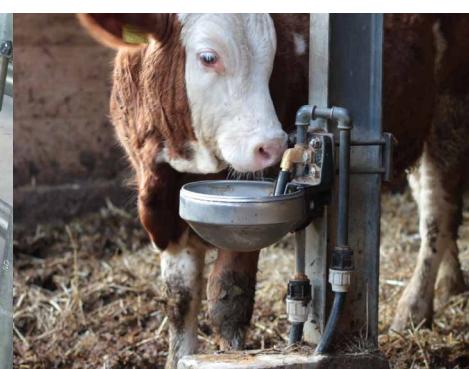
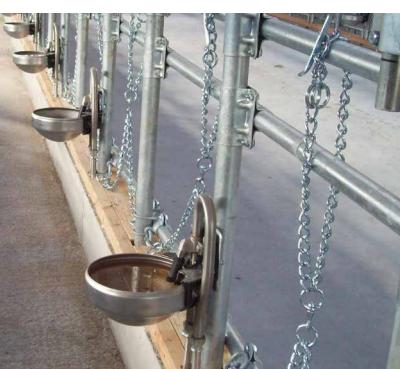
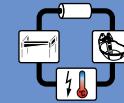
ACCESSORIES:

- **2 fixing brackets** (Ref. 131.0169) for fixation on 1½" – 2" pipes
- **Connection set for ¾" water circuits** (Ref. 103.1983) in stainless steel, for easy installation into water circuits coming **from the bottom**

RECOMMENDED FOR:

Cattle, dairy cows

Ref.	Type	Packing Hints
100.1213	Drinking bowl Mod. 1200P-MS¾", brass valve	1 piece/box
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag

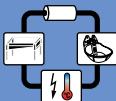




DRINKING BOWLS FOR CATTLE



also with $\frac{3}{4}$ " stainless steel valve



102.1127

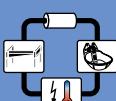
$\frac{3}{4}$ " : 103.1990
Connection from
top and bottom



101.0179



also with $\frac{3}{4}$ " stainless steel valve



102.1127

$\frac{3}{4}$ " : 103.1990
Connection from
top and bottom



101.0179



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

Pat.

Drinking Bowl

Model 16P with $\frac{3}{4}$ " brass valve

Ref. 100.0163

Model 16P with $\frac{3}{4}$ " stainless steel valve

Ref. 100.0169

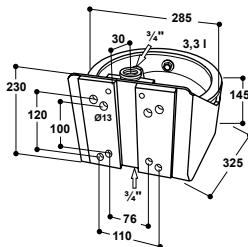
- Drinking bowl made of premium **UV-resistant polyethylene**
- Anti-spillage rim curved inside prevents water losses
- Installed drainage plug for easier cleaning
- Integrated galvanized protection bracket**
- Smoothly running tube valve in **$\frac{3}{4}$ " brass or $\frac{3}{4}$ " stainless steel**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

ACCESSORIES:

- 1 double bracket** (Ref. 101.0179), for fixation on $1\frac{1}{4}$ " – 2" pipes
- Connection set for $\frac{3}{4}$ " water circuits** (Ref. 103.1990) in stainless steel, for easy installation into water circuits)

RECOMMENDED FOR:

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



Pat.

Drinking Bowl

Model 18P with $\frac{3}{4}$ " brass valve

Ref. 100.0183

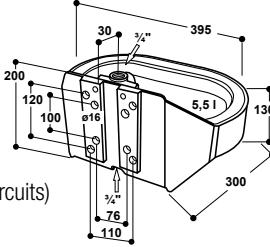
Model 18P with $\frac{3}{4}$ " stainless steel valve

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 **$\frac{3}{4}$ " brass or $\frac{3}{4}$ " stainless steel** with female connection from top and bottom
- Water flow continuously adjustable** from outside by means of a **regulation screw**

ACCESSORIES:

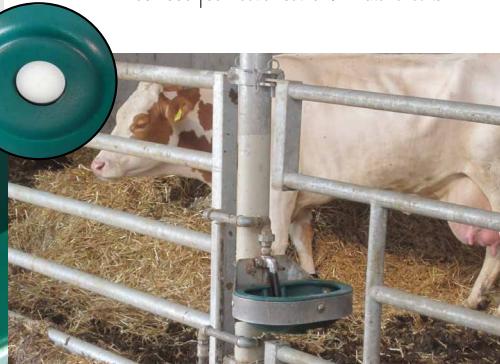
- 1 double bracket** (Ref. 101.0179), for fixation on $1\frac{1}{4}$ " – 2" pipes
- Connection set for $\frac{3}{4}$ " water circuits** (Ref. 103.1990) in stainless steel, for easy installation into water circuits)



RECOMMENDED FOR:

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

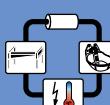
Ref.	Type	Packing Hints
100.0163	Drinking bowl Mod. 16P-MS $\frac{3}{4}$ ", brass valve	1 piece
100.0169	Drinking bowl Mod. 16P-VA $\frac{3}{4}$ ", st. steel valve	1 piece
100.0183	Drinking bowl Mod. 18P-MS $\frac{3}{4}$ ", brass valve	1 piece
100.0189	Drinking bowl Mod. 18P-VA $\frac{3}{4}$ ", st. steel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





SUEVIA

DRINKING BOWLS FOR CATTLE



Drinking Bowl Model 115

Ref. 100.0115

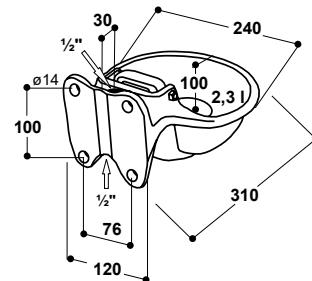
- Large drinking bowl made of **cast iron, completely enamelled**
- High water flow of 14 l/min given 5 bar (73psi)
- Quick water flow regulation possibility under the tongue without any use of tools: for adjustment lift up the tongue and turn at the regulation screw. This way the desired water flow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

ACCESSORIES:

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

RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses



Ref.	Type	Packing Hints
100.0115	Drinking bowl Mod. 115	1 piece/box
102.1255	Connection pipe stainless steel 1/2", 19 cm, straight, m, m	1 piece
101.0179	Double bracket 1 1/4" – 2"	1 set/bag



water regulation

Drinking Bowl Model 8

Ref. 100.0008

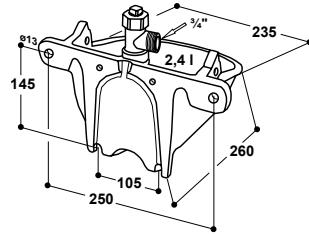
- Large drinking bowl made of **cast iron, with white enamelled interior**
- High water flow:** continuously adjustable up to **35 l/min** at 5 bar
- Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue,
- ¾" male connection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

ACCESSORIES:

- Elbow union** (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



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



102.0039





HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Heated and Frost-Protected Drinkers

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.





SUEVIA

HEATED DRINKING BOWLS FOR CALVES

Drinking Bowl with Float Valve, MINICUP heated Model 127K-H (cast iron, plastic-coated)

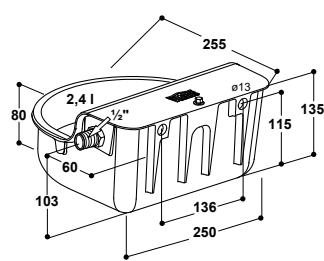
Ref. 100.1275

- Frost-protected **down to -20°C** by a heating element (24 V, 40 W)
- Heating element is mounted under the bowl and is protected with a stainless steel cover.
- An integrated **thermostat** switches the heating on at 15°C and off at 25°C.
- Bowl made of **cast iron, plastic-coated**
- With float valve up to 5 bar
- Removable valve cover in stainless steel
- Constant water level – simple adjustment
- With push-out-plug for easy drainage!**
- ½" male connection from right or left hand side

RECOMMENDED FOR:

Sheep, goats, calves, dogs, pets

Please note **ACCESSORIES** and **TIPS** below!



AVAILABLE
FROM SUMMER
2021

NEW!



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

Ref. 100.1305

- Due to installed heating element (24 V, 20 W) the drinking bowl is **frost-protected down to -10°C!**
- Inaccessible for the animals, the heating element is installed behind the removable stainless steel float valve cover and equipped with a 3 m long connection cable
- A **thermostat integrated in the connection cable** switches the heating on at 5°C and off at 12°C.
- For power supply a SUEVIA **Transformer** 230/24 V is necessary (versions 50 W - 400 W available, see p. 26)
- Large bowl made of **premium quality polyethylene**
- Float valve allows quick water flow into the bowl
- Constant water level – simple adjustment!
- ½" male connection in brass from right or left hand side

TIPS for Mod. 127K-H and Mod. 130P-H:

To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (101.0861), or a 24 V, 30 W, 3 m (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 (101.1099). For automatic switch on/off of transformer a thermostat (101.0389) can be additionally installed (see p. 26).

ACCESSORIES for Mod. 127K-H and Mod. 130P-H:

- Elbow union ½" x ½" f/f** (Ref. 102.0352) for water connection from top or bottom
- SUEVIA Transformers 230/24 V**: see table

RECOMMENDED FOR:

Calves, horses, sheep, dogs, deer

**AVAILABLE ALSO WITHOUT
HEATING » p. 8**



100.1305

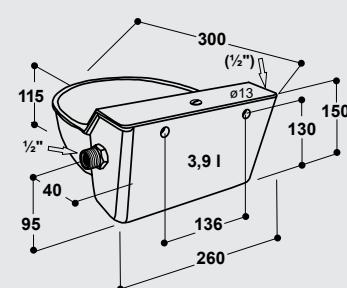
with drainage plug



102.0352



with installed heating element!



Ref.	Type	Packing Hints
100.1275	Drinking bowl MINICUP heated, Mod. 127K-H, 24 V, 40 W	1 piece/bag
100.1305	Drinking bowl Mod. 130P-H, with valve heating	1 piece/box
102.0352	Elbow union with sealing, ½" female x ½" female	1 piece/bag
101.0322	Transformer 230/24 V, 50 W	1 piece/box
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll



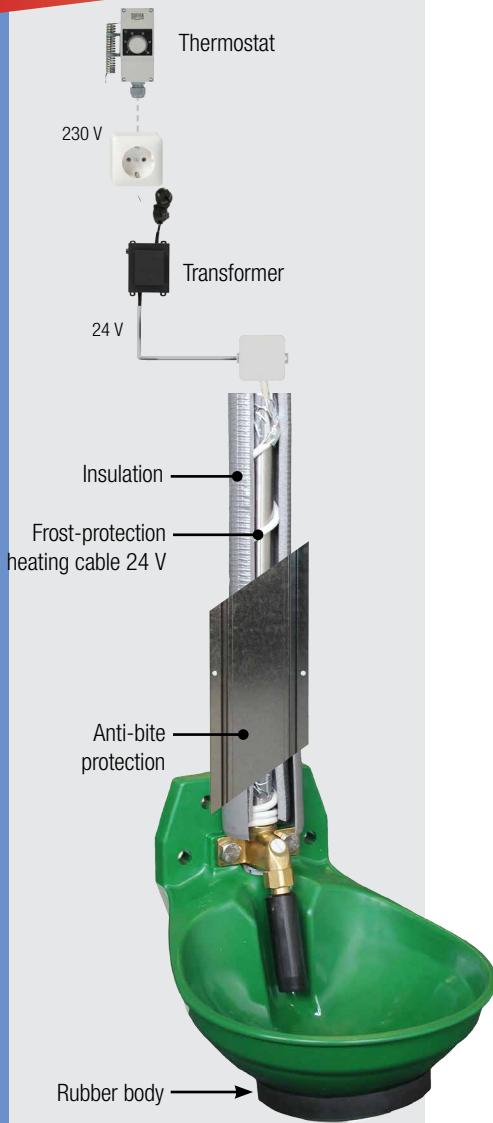
push-out-plug





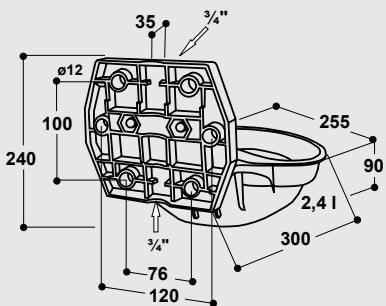
HEATED DRINKING BOWLS FOR CALVES AND HORSES

FROST-FREE
DOWN TO -20°C



Installation Scheme Mod. 12P-HK

Please adhere to mounting instructions!



Pat.

Heated Drinking Bowl for Calves and Horses Model 12P-HK with ¾" brass valve

Ref. 100.0124

- Frost protection of the bowl, of the valve and of the feed pipe is done by a 3 m long frost protection heating cable 24 V, 30 W, included in scope of delivery
- The frost protection heating cable can be found in windings beneath the bowl in a flexible rubber body. An aluminium foil fixed at the bottom of the bowl provides a constant heat distribution.
- Frost protection for the valve itself is guaranteed by three tightly fitted windings above the valve
- With the rest of the heating cable of approx. 2 m the feed pipe is maintained frost-free in addition. It should be insulated and protected against bites.
- **Frost protection down to approx. -20°C.** Remaining water in the bowl will not freeze!
- For power supply a SUEVIA transformer 230/24 V is necessary (versions from 50 W to 400 W available)
- Bowl made of top quality AQUATHAN plastic
- Very elastic, flexes on impacts, shock-resistant
- **No sharp edges**, no risk of injury
- Smoothly running brass tube valve (¾")
- ¾" female connection from top and bottom
- **Water flow continuously adjustable from outside by means of a regulation screw**
- Calm water flow through the tube valve

ACCESSORIES:

- **SUEVIA Transformers 230/24 V:**
 - 50 W (Ref. 101.0322)
 - 100 W (Ref. 101.0380)
 - 200 W (Ref. 101.0390)
 - 400 W (Ref. 101.0392)
- **Thermostat** (Ref. 101.0389), for automatic switch on/off of transformer
- **2 Fixing brackets** (Ref. 101.0167), reinforcing plate incl.) for fixation on pipes 1½" – 2"
- **Resettable Water Meter RW1** (Ref. 101.0444) for easy control of water intake of the horse per day.

RECOMMENDED FOR:

Horses, Calves up to 6 months

Ref.	Type	Packing Hints
100.0124	Heated Drinking Bowl Mod. 12P-HK-MS¾"	5 pieces/box
101.0322	Transformer 230/24 V, 50 W	1 piece/box
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box
101.0167	Fixing bracket 1½" – 2", reinforcing plate incl.	1 piece
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1957	Protection plate, galvanized, 100 x 11 x 8 cm	1 piece
101.0444	Resettable Water Meter RW1	1 piece/box



Rubber body with heating cable



View from beneath



101.0444
Water Meter

Turnable Display



SUEVIA

FROST-PROTECTED NIPPLE DRINKER FOR BULLS AND CALVES

Pat.

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

Ref. 100.1238

Ref. 100.1239

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

ACCESSORIES:

- Frost protection options, see below.

RECOMMENDED FOR:

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

Options for Frost Protection

Option 1: Connection to a Water Circuit

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

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

- To protect the valve and the bowl from freezing a **Heating Set** 24 V, 80 W is installed inaccessible for the animals **inside of the steel post underneath the bowl Mod. 1230-VA $\frac{3}{4}$ "**

- Valve and bowl are frost-protected.

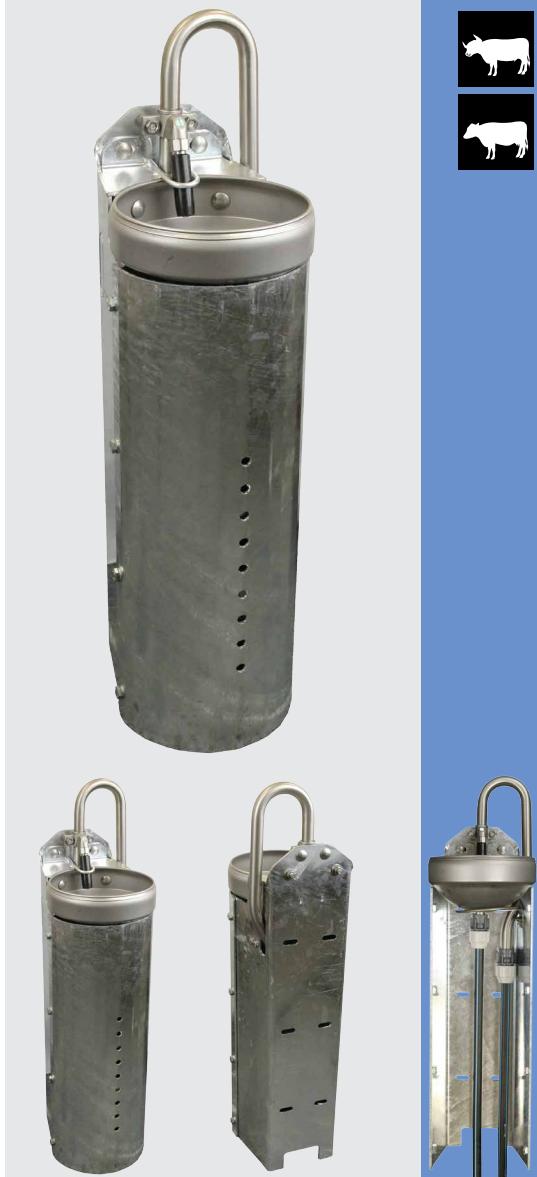
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (Ref. 101.1863) has to be wrapped around the water pipe and connected to the transformer together with the heating element of the drinker. If plastic pipes are used, they must first be wrapped with an aluminium adhesive tape. All water line pipes must be insulated.

- For power supply a SUEVIA **Transformer** 230/24 V is necessary. For automatic switch on/off of transformer a **thermostat** (Ref. 101.0389) can be additionally installed.

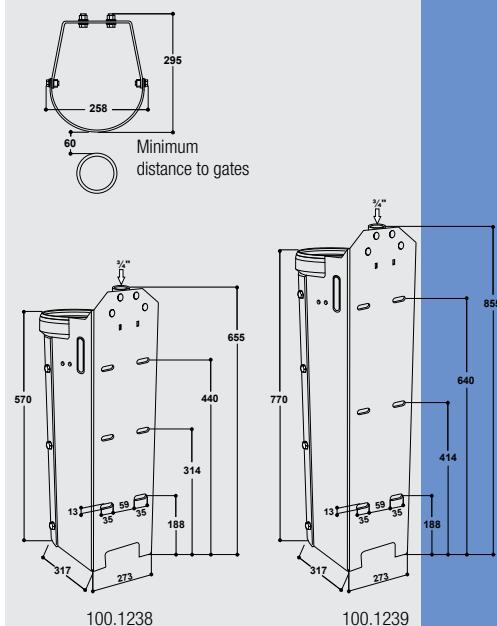
Ref.	Type	Packing Hints
100.1238	Drinking Bowl Mod. 1230-VA $\frac{3}{4}$ ", integrated steel post, 60 cm	1 piece
100.1239	Drinking Bowl Mod. 1230-VA $\frac{3}{4}$ ", integrated steel post, 80 cm	1 piece
103.3002	Connection set for $\frac{3}{4}$ " water circuits	1 piece
101.0458	Heating Set for drinking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

Accessories for steel posts with heating sets:

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



100.1239 + Accessories for circuit pipe and heating element



100.1238

100.1239



HEATED DRINKING BOWLS FOR BULLS AND CATTLE



Pat.



FOR MORE EXAMPLES
see p. 54

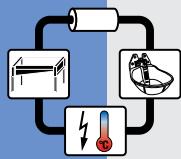


101.0456 + Accessories for circuit pipe

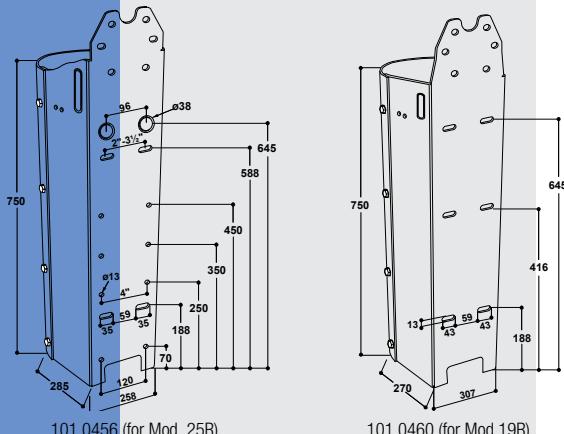
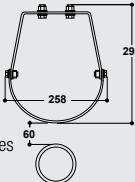
101.0456 + Accessories for feed pipe



101.0460 + Accessories for circuit pipe



Minimum distance to gates



20

SUEVIA Steel Post for Mod. 25R (40 / 60 / 80 cm) SUEVIA Steel Post for Mod. 19R (60 / 80 cm)

- Robust Steel Post helps to protect drinking bowls against blows and impacts of bulls (or other animals). The force of jumping bulls (or cows) is transferred to the post, preventing damage to the drinking bowl.
- Made of thick hot-galvanized steel
- Suitable for drinking bowl Mod. 25R or Mod. 19R, drinking height 40, 60 or 80 cm
- Inclusive fastening material for the drinking bowl
- Mounting on a wall or on a post possible
- Special holes are foreseen for installation between the gates, as well as for mounting of the heating element and of the circuit pipe.

ACCESSORIES:

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

RECOMMENDED FOR:

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

Options for Frost Protection

Option 1: Connection to a Water Circuit

- In combination with a SUEVIA **connection set for ¾" water circuits** in stainless steel, an easy integration into water circuits is possible. A perforated hole (on left or right side) is foreseen for installation of the circuit pipe. Circuit pipe is protected by the steel post against animals impacts.
- Valve is frost-protected. Remaining water in the bowl may freeze.
- For connection to a water circuit we recommend SUEVIA **heating units** (see p. 28-31).

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

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

Ref.	Type	Packing Hints
for Mod. 25R:		
101.0462	Steel Post for Mod. 25R, 40 cm	1 piece
101.0455	Steel Post for Mod. 25R, 60 cm	1 piece
101.0456	Steel Post for Mod. 25R, 80 cm	1 piece
100.0253	Drinking bowl Mod. 25R-MS¾"	1 piece/box
100.0259	Drinking bowl Mod. 25R-VA¾", st. steel valve	1 piece/box
103.1983	Connection set for ¾" water circuits	1 set
101.0458	Heating-Set for steel post for Mod. 25R-¾" or Mod. 1230-VA¾", 24 V, 80 W	1 set
for Mod. 19R:		
101.0459	Steel Post for Mod. 19R, 60 cm	1 piece
101.0460	Steel Post for Mod. 19R, 80 cm	1 piece
100.0198	Drinking bowl Mod. 19R-MS¾"	1 piece/box
103.3003	Connection set for ¾" water circuits	1 piece/bag
101.0461	Heating-Set for steel post for Mod. 19R, 24 V, 80 W	1 set
Accessories suitable for both steel posts:		
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box



SUEVIA

HEATED DRINKING BOWLS FOR CATTLE

Heated Drinking Bowl

Model 46 with ¾" brass valve

Ref. 100.1463

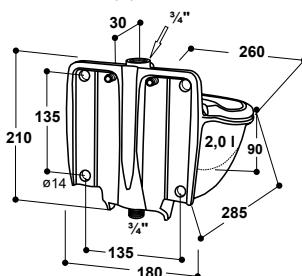
Model 46 with ¾" stainless steel valve

Ref. 100.1469

- Heated drinking bowl with smoothly running tube valve for wall and pipe mounting
- **Frost-protected down to approx. -15°C. Remaining water in the bowl will not freeze.**
- **With subsequent installation of valve heating** (24 V, 5 W, 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 **¾" brass** or in **¾" stainless steel with female connection from top and male connection from bottom**
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Capacity of the heating element 80 W/24 V – few power consumption
- Installation on the wall or on 2" – 3" pipes
- For power supply SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 26)
- To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (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 (Ref. 101.1099) and insulated.

ACCESSORIES:

- **2 fixing brackets** (2x Ref. 101.0180), for fixation on 2" – 3" pipes
- **Connection set for ¾" water circuits** connection from top or bottom
- **SUEVIA Transformers 230/24 V:** see p. 26
- **Thermostat** (Ref. 101.0389), for automatic switch on/off of transformer, can be optionally installed on demand
- **Valve heating** (Ref. 101.1405), to ensure frost protection down to -35°C!

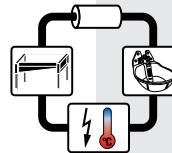


RECOMMENDED FOR:

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

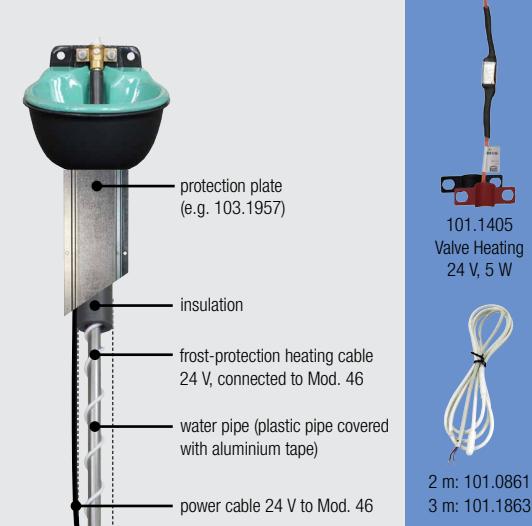
Ref.	Type	Packing Hints
100.1463	Heated drinking bowl Mod. 46-MS¾", 24 V, 80 W	1 piece/box
100.1469	Heated drinking bowl Mod. 46-VA¾", 24 V, 80 W	1 piece/box
103.3005	Connection set for ¾" water circuits, from top	1 piece/bag
103.3006	Connection set for ¾" water circuits, from bottom	1 piece/bag
101.1405	Valve heating 24 V, 5 W, with thermostat, cable 3 m	1 piece/bag
101.0180	Fixing bracket 2" – 3"	1 piece
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box

also with ¾" stainless steel valve

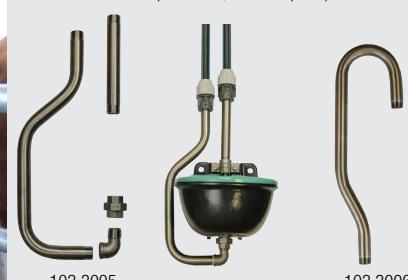


Ideal for subsequent installation!

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



Installation scheme, connection from below
(for better understanding shown partly without insulation or anti-bite protection, see also p. 24)



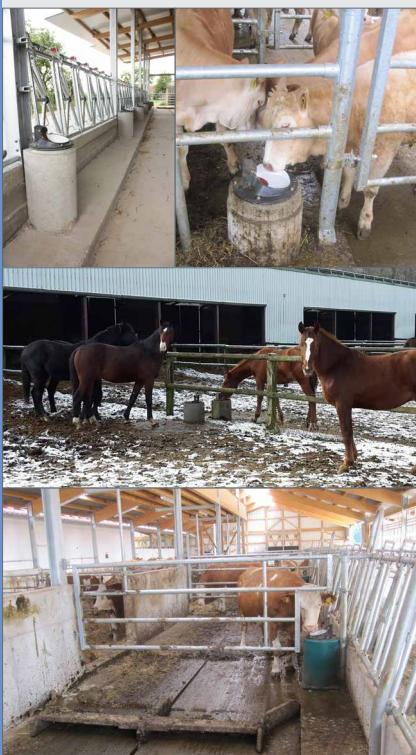
101.1405
Valve Heating
24 V, 5 W

2 m: 101.0861
3 m: 101.1863





HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS



Heated Drinking Bowl

Model 41A (80 W heating element)

Ref. 100.0041

Model 41A-SIBIRIA (180 W heating element)

Ref. 100.1041

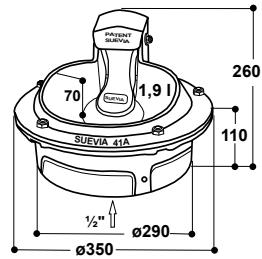
- Heated drinking bowl made of **cast iron with white enamel finish** in the interior
- **Frost-resistant down to -25°C**
- One drinker is sufficient for 15 – 20 animals
- Smoothly running tongue valve
- Back-stroke-free valve with high water flow up to 15 l/min
- Water quantity can be simply adjusted 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 down to -35°C available with 180 W heating element** (Ref. 100.1041). Heating cable around feed pipe is then recommended (2 m or 3 m, see p. 27)

ACCESSORIES

- For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 26)
- For automatic switch on/off of transformer a **thermostat** (Ref. 101.0389) can be additionally installed (see p. 26).
- Installation on a SUEVIA **Thermo Tube** (see p. 23) or on a concrete tube with an internal diameter of 30 cm

RECOMMENDED FOR:

Cattle, dairy cows, bulls, horses, pigs

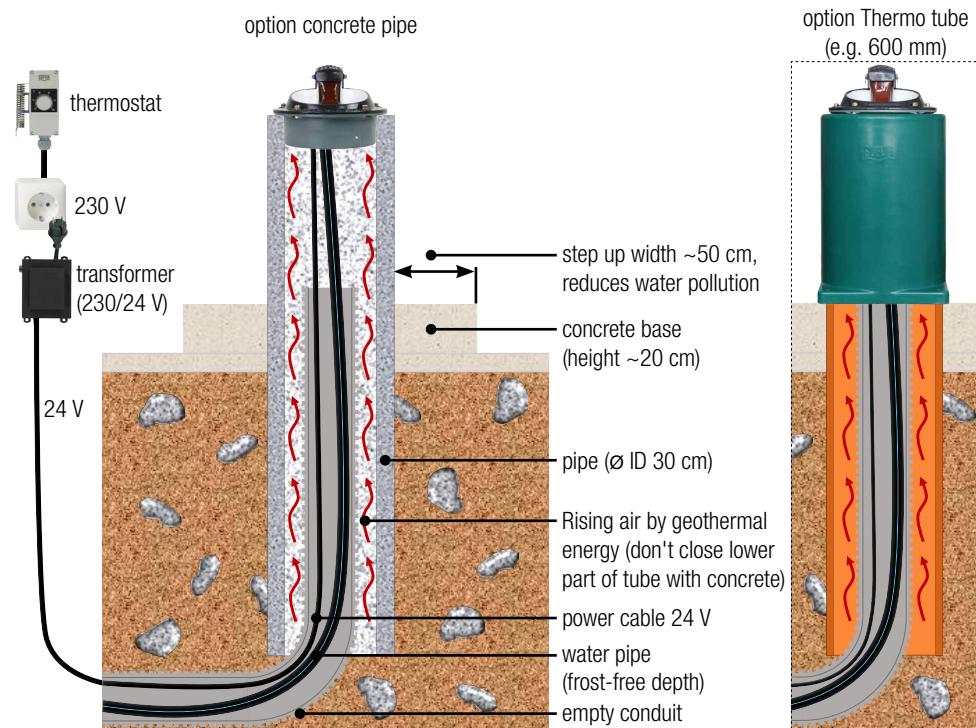
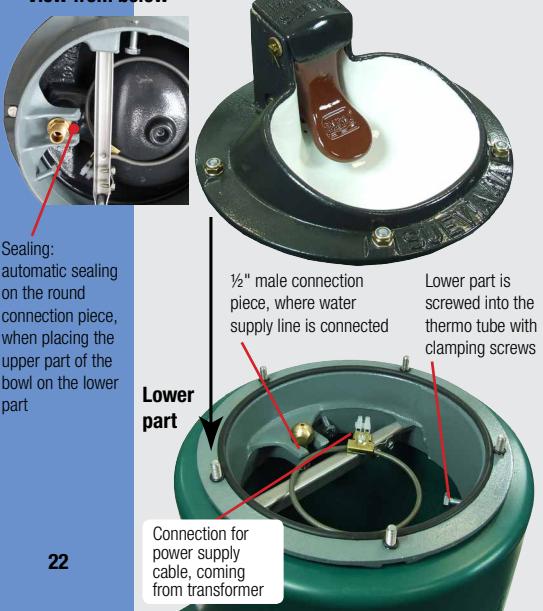


Ref.	Type	Packing Hints
100.0041	Heated drinking bowl Mod. 41A, 24 V, 80 W	1 piece
100.1041	Heated drinking bowl Mod. 41A-SIBIRIA, 24 V, 180 W	1 piece
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389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

Detailed scheme of heated drinking bowl

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

View from below



Please ask your dealer for details.



SUEVIA
WATER & WARMTH

HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS



Heated Drinking Bowl

Model 43A (80 W heating element)

Ref. 100.0043

Model 43A-SIBIRIA (180 W heating element)

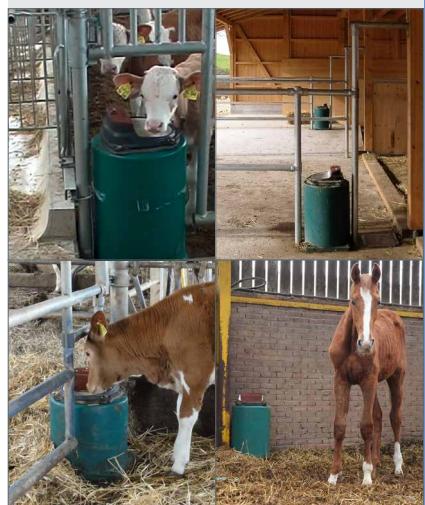
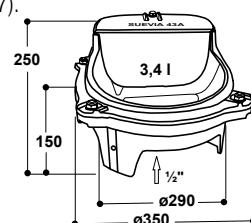
Ref. 100.1044

- **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 down to -30°C available with 180 W heating element** (Ref. 100.1044, inclusive overheat protection thermostat). Heating cable 24 V around feed pipe is then recommended (2 m or 3 m, see p. 27).

NEW!

ACCESSORIES

- **Anti-spillage ring** in cast iron plastic-coated (Ref. 101.1068)
- For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 26)
- For automatic switch on/off of transformer a **thermostat** (Ref. 101.0389) can be additionally installed (see p. 26).
- Installation on a SUEVIA **Thermo Tube** or on a concrete tube with an internal diameter of 30 cm (see below)

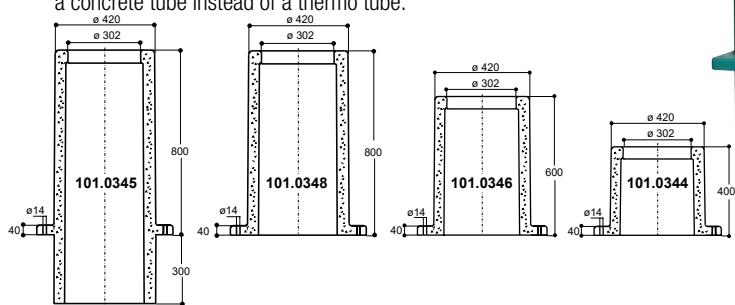


RECOMMENDED FOR: Cattle (with anti-suction ring), bulls (with nose ring), calves, horses, sheep, goats, dogs, deer, pigs

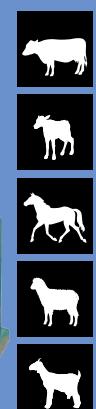
Ref.	Type	Packing Hints
100.0043	Heated drinking bowl Mod. 43A, 24 V, 80 W	1 piece
100.1044	Heated drinking bowl Mod. 43A-SIBIRIA, 24 V, 180 W	1 piece
101.0438	Overheat protection thermostat for 100.1043, add-on kit	1 piece
101.1068	Anti-spillage ring, cast iron plastic-coated	1 set
101.0380	Transformer 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
101.0389	Thermostat	1 piece/box

Thermo Tubes

- For installation of heated drinking bowls Model 41A and 43A
- Made of **premium quality polyethylene**, double-walled and insulated
- Height 400 mm (Ref. 101.0344) for smaller animals like sheep, goats, pigs
- Height 600 mm (Ref. 101.0346) for calves, cattle
- Height 800 mm (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 (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.



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

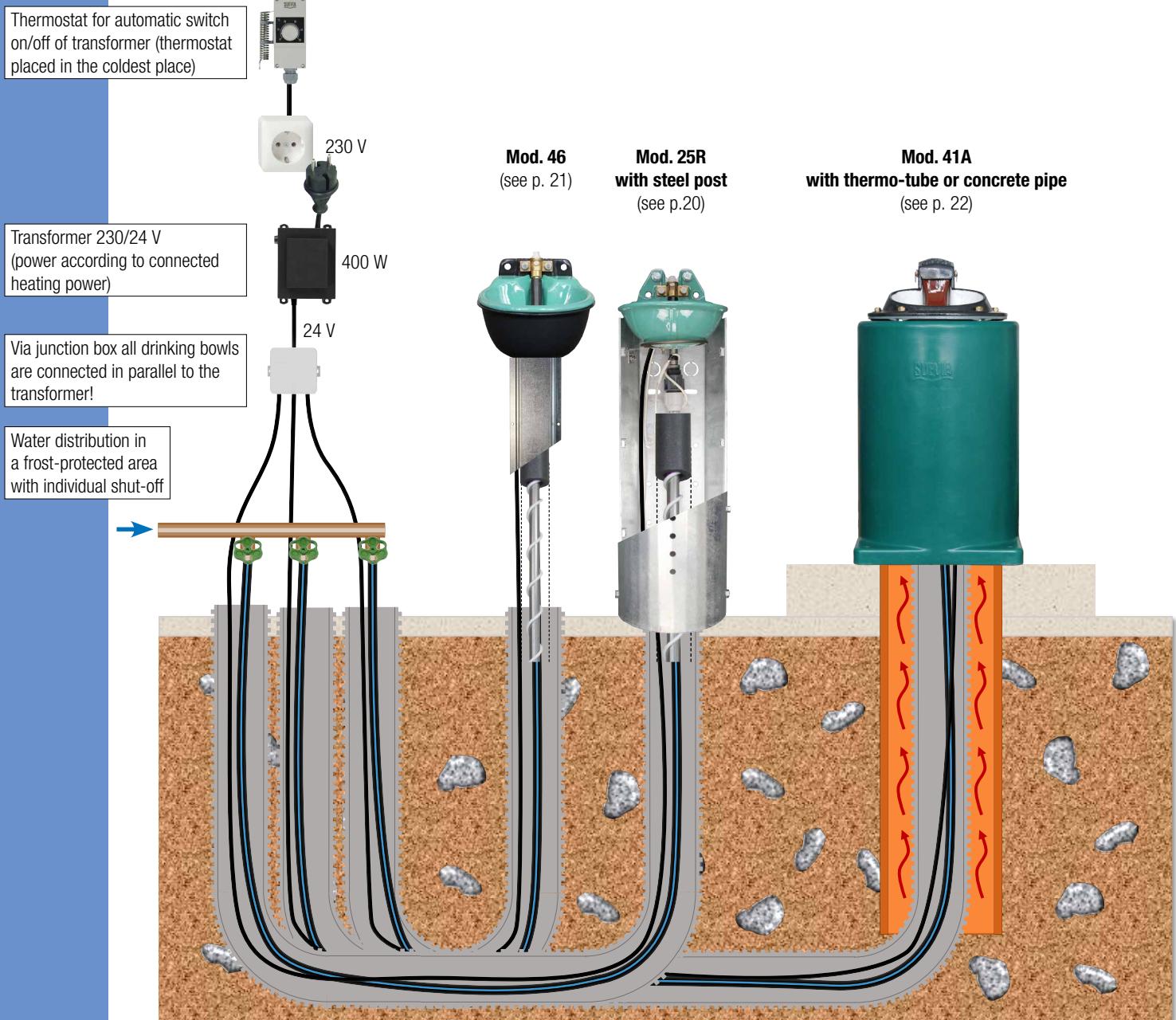




HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Installation scheme for heated drinking bowls

Frost-free connection of water line in the ground



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

INSIDER TIP!

Keep 24 V cables as short as possible!



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

Max. admitted cable length

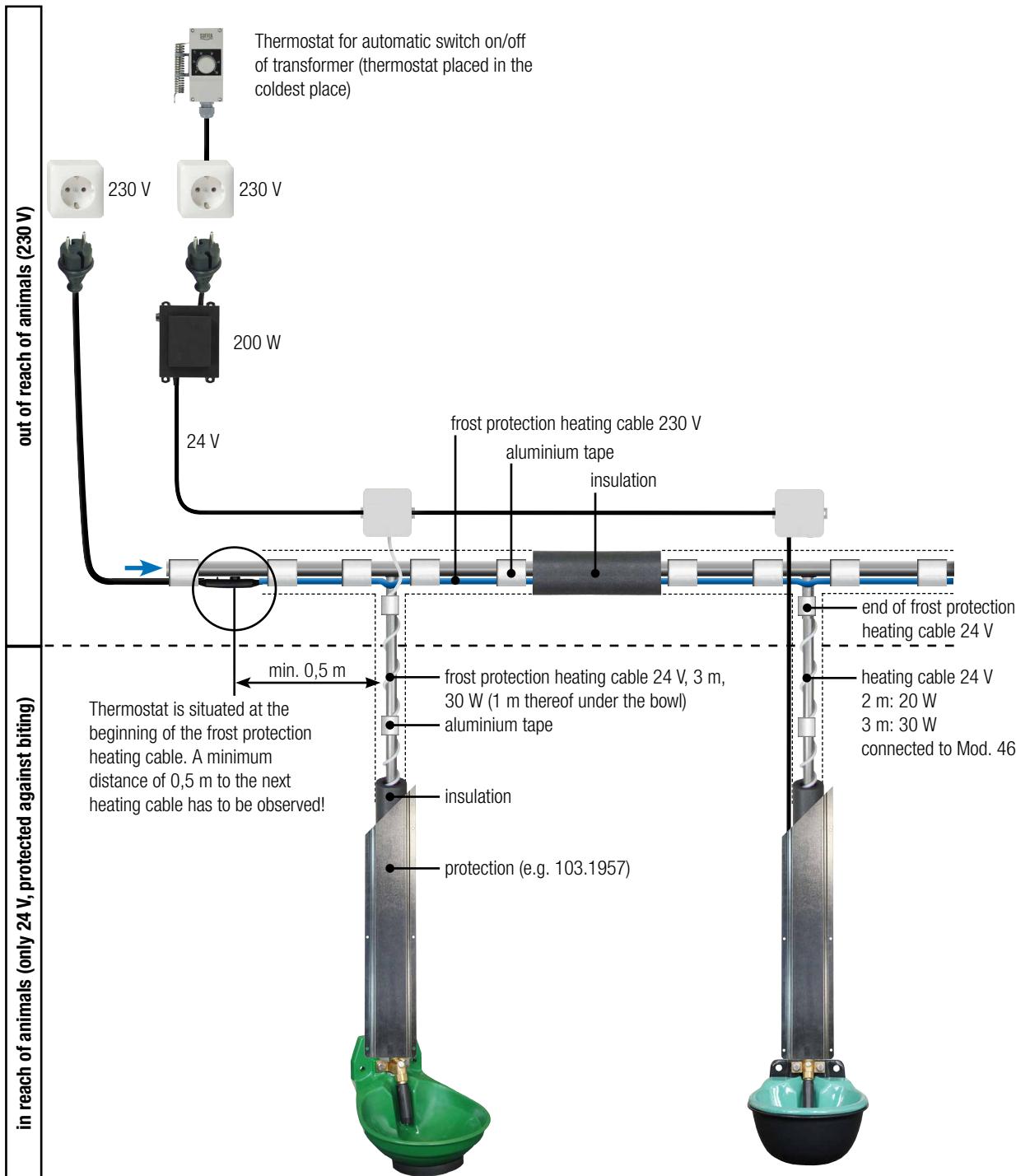
Local norms can vary and have to be checked. Please ensure that a professional electrician installs the system!



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Installation scheme for heated drinking bowls

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



Mod. 12P-HK (see p. 18)

with heated plastic bowl

incl. frost protection heating cable 3 m: 24 V, 30 W + frost protection heating cable 24 V (e.g. 2 m): 24 V, 20 W
= total: **30 W**

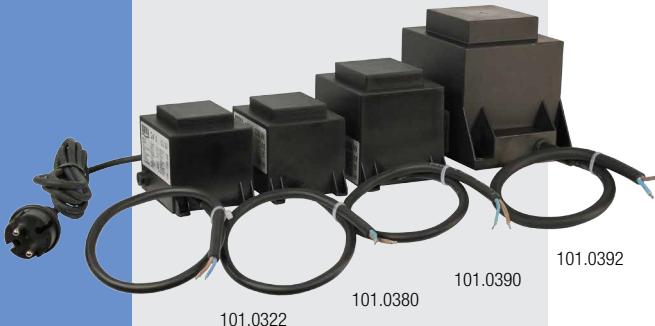
Mod. 46 (see p. 21)

with heat cast iron bowl, 24 V, 80 W

= total: **100 W**



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS



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

- The transformer has to be installed as close as possible to the drinking bowl, but out of reach of the animals. Connection is made to an 230 V plug socket. The transformer is transforming to 24 V AC.
- Protection – IP44. Connected without AC plug through a junction box – IP54.
- Highest security: short-circuit resistance (fine wire fuse) and overload protection (self-resetting temperature fuse). Completely encapsulated housing.

Design parameters:

- Transformer-power \geq sum of connected power
example: to a 400 W-transformer can be connected:
 - variant 1: 4x 80 W (Mod. 46) + 4x 20 W (frost protection heating cable 2 m)
 - variant 2: 5x 80 W (Mod. 41A)
 - variant 3: 2x 180 W (Mod. 41A-SIBIRIA)
- A junction box is placed after the transformer, from whereof every drinking bowl is connected separately. A loop-through from drinking bowl to drinking bowl complicates troubleshooting.
- Energy saving tips: Transformers should be switched on/off automatically by a thermostat (see below).
- It is not allowed to overload a transformer. e.g. 440 W connected to a 400 W transformer, is not allowed!
- Merging several transformers at secondary circuit (24 V) is not allowed!
- If there are any unclear points or should you require additional information please consult your local dealer.

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



Thermostat

Ref. 101.0389

- For automatic switch on/off of transformer with max. 16 A, 230 V
- You can't forget to plug off the transformer. The thermostat turns off automatically at warm temperatures!
- 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

Ref.	Type	Packing Hints
101.0389	Thermostat	1 piece/box



Aluminum Adhesive Tape

50 mm wide, 50 m

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 $\frac{1}{2}$ " pipe requires approximately 2 m of tape, and one meter of $\frac{3}{4}$ " pipe approx. 2,5 m of tape
- Width of tape 50 mm (2"); length of roll in total 50 m

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



SUEVIA
WATER & WELFARE

HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Frost Protection Heating Cable 230 V with Thermostat

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

Installation has to be done in parallel to the stainless steel tube underside. Even in very cold ambient temperatures the frost protection heating cable prevents cold water pipes (up to 1") from freezing. The thermostat, situated at the end of the cable, has to be mounted in the coldest place and **automatically switches on** at +5°C (41°F) and **off** when temperature is higher than +15°C (59°F). The water line pipes must be insulated. In close vicinity of animals the frost protection heating cable should be protected against being bitten by the animals or other damages. The heating cable must not be shortened! Remaining rests can be wounded 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 (Ref. 101.1099).

ACCESSORIES:

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

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



Frost Protection Heating Cable 24 V

20 W, 2 m

Ref. 101.0861

30 W, 3 m

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 46, 127K-H, 130P-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.

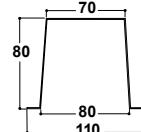
Ref.	Type	Packing Hints
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece



Protection plate, galvanized

Ref. 103.1957

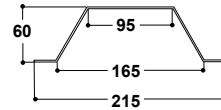
- Protection plate for tubes
- Galvanized steel
- Length x width x height: approx. 100 x 11 x 8 cm



Protection Plate, Stainless Steel

Ref. 103.1958

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

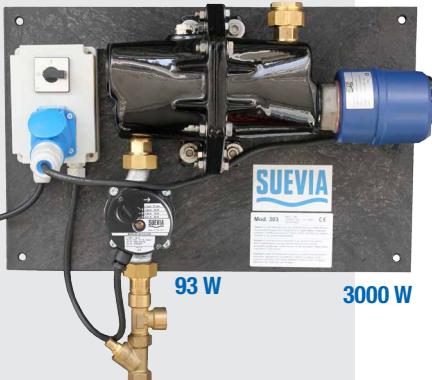


Ref.	Type	Packing Hints
103.1957	Protection plate, galvanized, 100 x 11 x 8 cm	1 piece
103.1958	Protection plate, stainless steel, 100 x 21,5 x 6 cm	1 piece

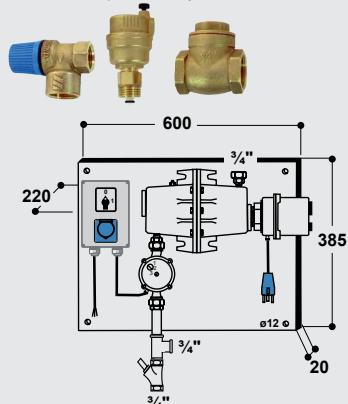


HEATING UNITS

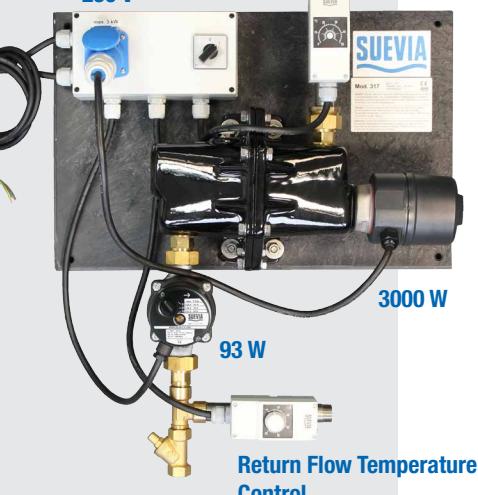
400 V 230 V
101.0300 101.0303



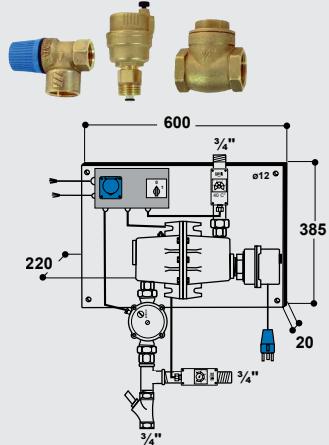
included in scope of delivery:



230 V



included in scope of delivery:



Heating Unit

Model 300, 3000 W, 400 V
Model 303, 3000 W, 230 V

Ref. 101.0300

Ref. 101.0303

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

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

Heating Unit with Return Flow Temperature Control

Model 317, 3000 W, 230 V

Ref. 101.0317

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

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



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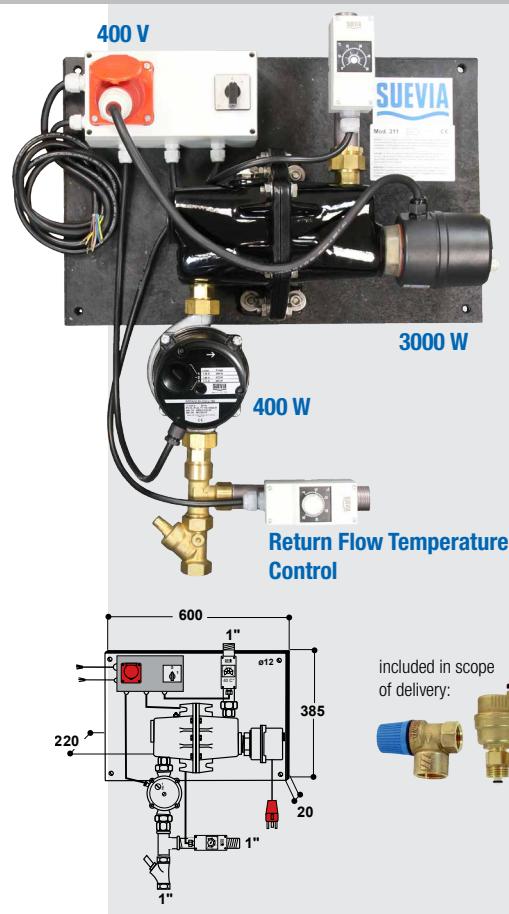
HEATING UNITS

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

Ref. 101.0311

- Provides frost-protected water in **insulated water circuits** ($\frac{3}{4}$ " 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 held 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.

Ref.	Type	Packing Hints
101.0311	Heating unit Mod. 311, 400 V, 3000 W, pump 400 W	1 piece/box
101.0309	Flow control $\frac{3}{4}$ "	1 piece
101.0310	Flow control 1"	1 piece
101.0308	Alarm system for water circuits	1 set/bag



Alarm System for Water Circuits

Ref. 101.0308

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

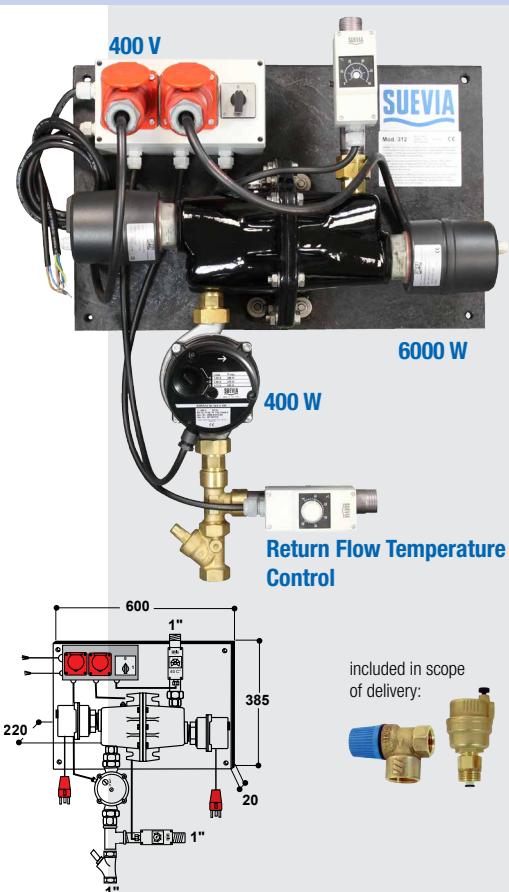


Heating Unit with Return Flow Temperature Control Model 312, 6000 W, 400 V

Ref. 101.0312

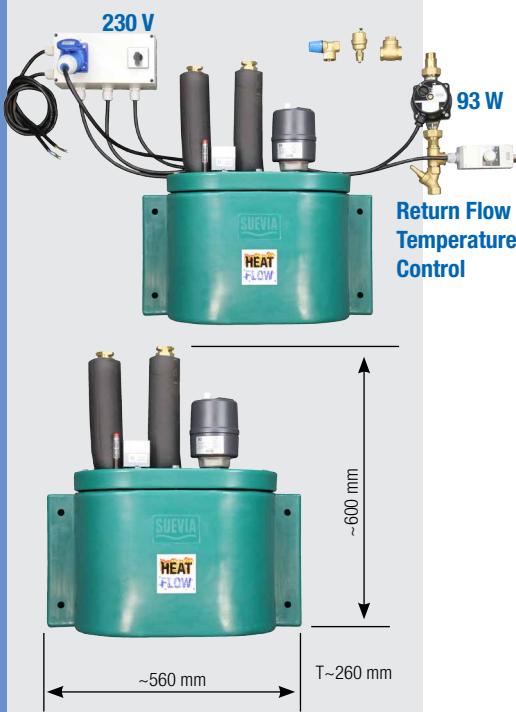
- Provides frost-protected water in **insulated water circuits** ($\frac{3}{4}$ " or 1" pipe) for circuit length **max. 350 m**
- Designed for use in exposed locations and free stalls especially for cattle, horses, pigs and sheep. Animals are provided with water in a reliable way, even in very frosty 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 held 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.

Ref.	Type	Packing Hints
101.0312	Heating unit Mod. 312, 400 V, 6000 W, pump 400 W	1 piece/box
101.0309	Flow control $\frac{3}{4}$ "	1 piece
101.0310	Flow control 1"	1 piece
101.0308	Alarm system for water circuits	1 set/bag





HEATING UNITS

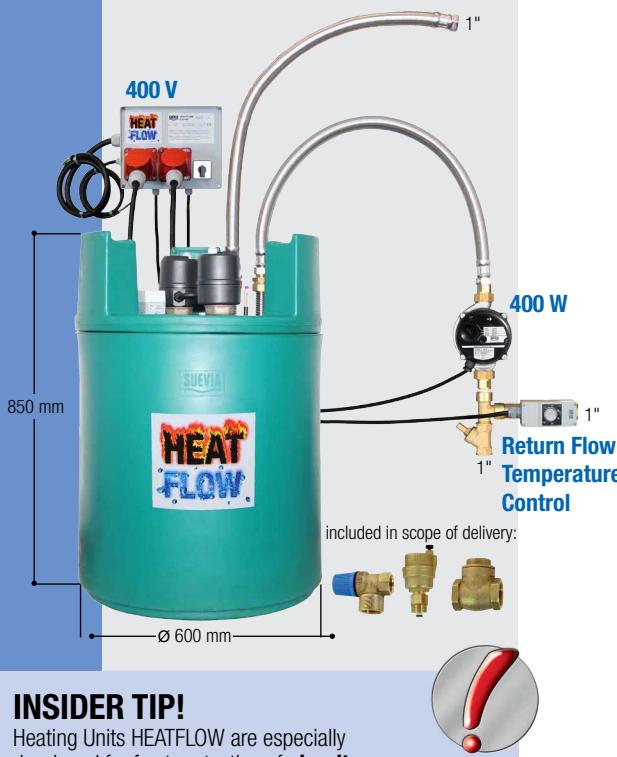


Heating unit HEATFLOW MINI, 230 V, 3000 W

- Provides frost-protected water in **insulated water circuits** ($\frac{3}{4}$ "). Circuit length **max. 200 m**
- The **heating unit HEATFLOW MINI** is available with **heating power of 3000 W** and is especially developed for **free stalls** for cattle, horses, pigs and sheep.
- The heating element heats up a secondary water, which transfers the heat to the drinking water for the animals. A maximum temperature of 40°C reduces the appearance of lime to a minimum. Therefore it is especially developed for keeping **circuit pipes with limy water frost-free!**
- With return flow temperature control:** Desired temperature of return water flow is regulated by a sensor mounted on the return flow pipe. If return water flow temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Equipped with a **circulation pump with stainless steel base (230 V, 93 W)**.
- The heating element is equipped with an overheating protection (STC).
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating element in a separated way.

Ref.	Type	Packing Hints
101.2280	Heating unit HEATFLOW MINI, 230 V, 3000 W, 93 W pump	1 piece
101.0309	Flow control $\frac{3}{4}$ "	1 piece
101.0308	Alarm system for water circuits	1 set/bag

**HEAT
FLOW**



Heating units HEATFLOW from 3 to 12 kW

- Provides frost-protected water in **insulated water circuits** ($\frac{3}{4}$ " or 1" pipe)
- The **heating units of the HEATFLOW series are available with heating power from 3 to 12 kW** and especially developed for **large free stalls** for cattle, horses, pigs and sheep. 4 different heating units are available (see list below).
- The heating elements heat up a secondary water, which transfers the heat to the primary water. A maximum temperature of 40°C reduces the appearance of lime to a minimum. Therefore the HEATFLOW is especially developed for keeping **circuit pipes with limy water frost-free!**
- With return flow temperature control:** Desired temperature of return water flow is regulated by a sensor mounted on the return flow pipe. If return water flow temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Expandable:** you can add another heating element to HEATFLOW units with one heating element. The heating power will then be doubled (e.g. 3+3 kW or 6+6 kW). For example if you extend your barn.
- Equipped with a **high-capacity circulation pump with stainless steel base (230 V, 400 W)**
- Water connections are held 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:

Ref.	Type	Heating Power	Pump Power	Circuit Length (max.)	Packing Hints
101.2203	Heating unit HEATFLOW 3 kW	3 kW (1x 3 kW)	400 W	250 m	2 pieces/pallet
101.2233	Heating unit HEATFLOW 3+3 kW	6 kW (2x 3 kW)	400 W	350 m	2 pieces/pallet
101.2206	Heating unit HEATFLOW 6 kW	6 kW (1x 6 kW)	400 W	350 m	2 pieces/pallet
101.2266	Heating unit HEATFLOW 6+6 kW	12 kW (2x 6 kW)	400 W	450 m	2 pieces/pallet
101.0309	Flow control $\frac{3}{4}$ "	--	--	--	1 piece
101.0310	Flow control 1"	--	--	--	1 piece
101.0308	Alarm system for water circuits	--	--	--	1 set/bag

INSIDER TIP!

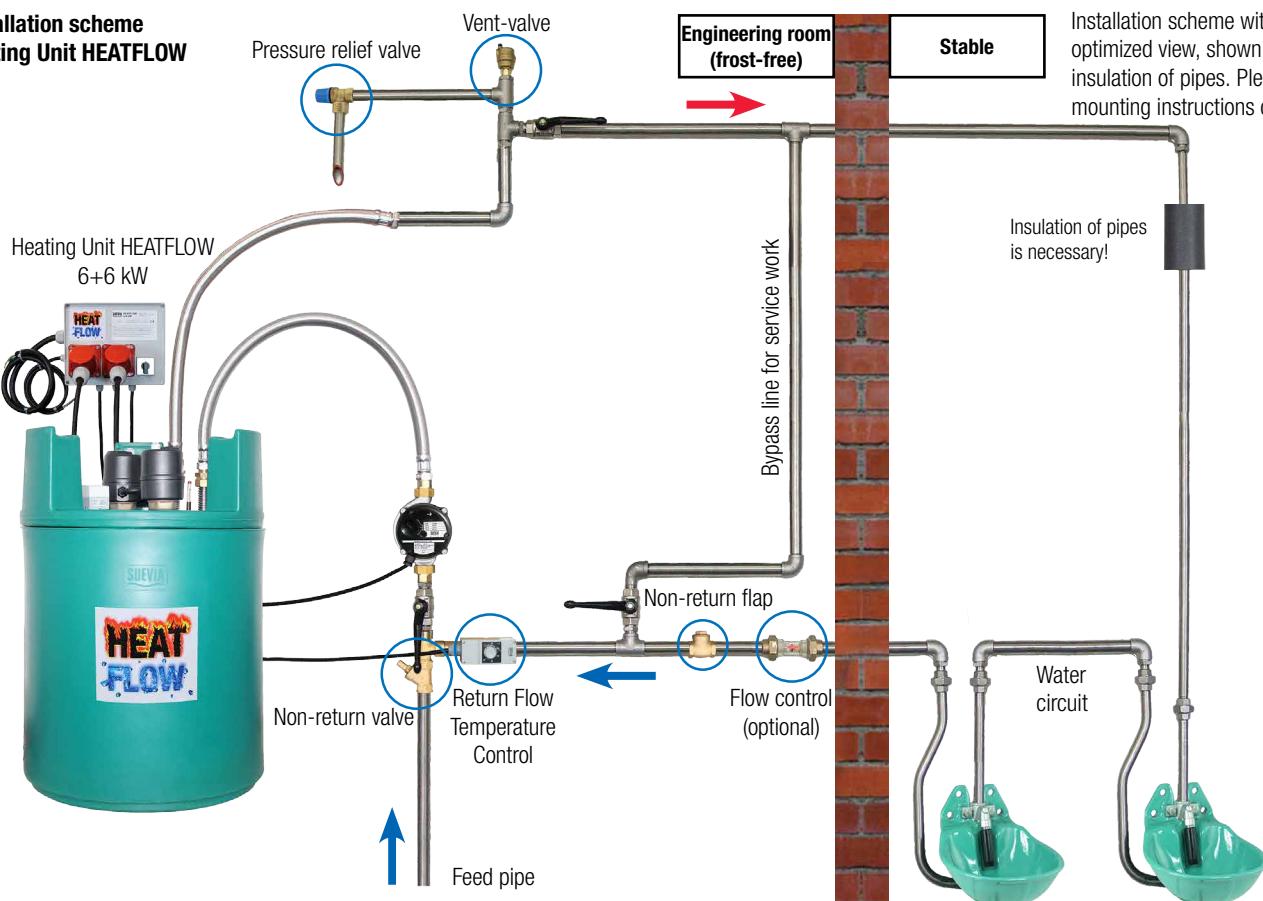
Heating Units HEATFLOW are especially developed for frost protection of **circuit pipes with limy water!**



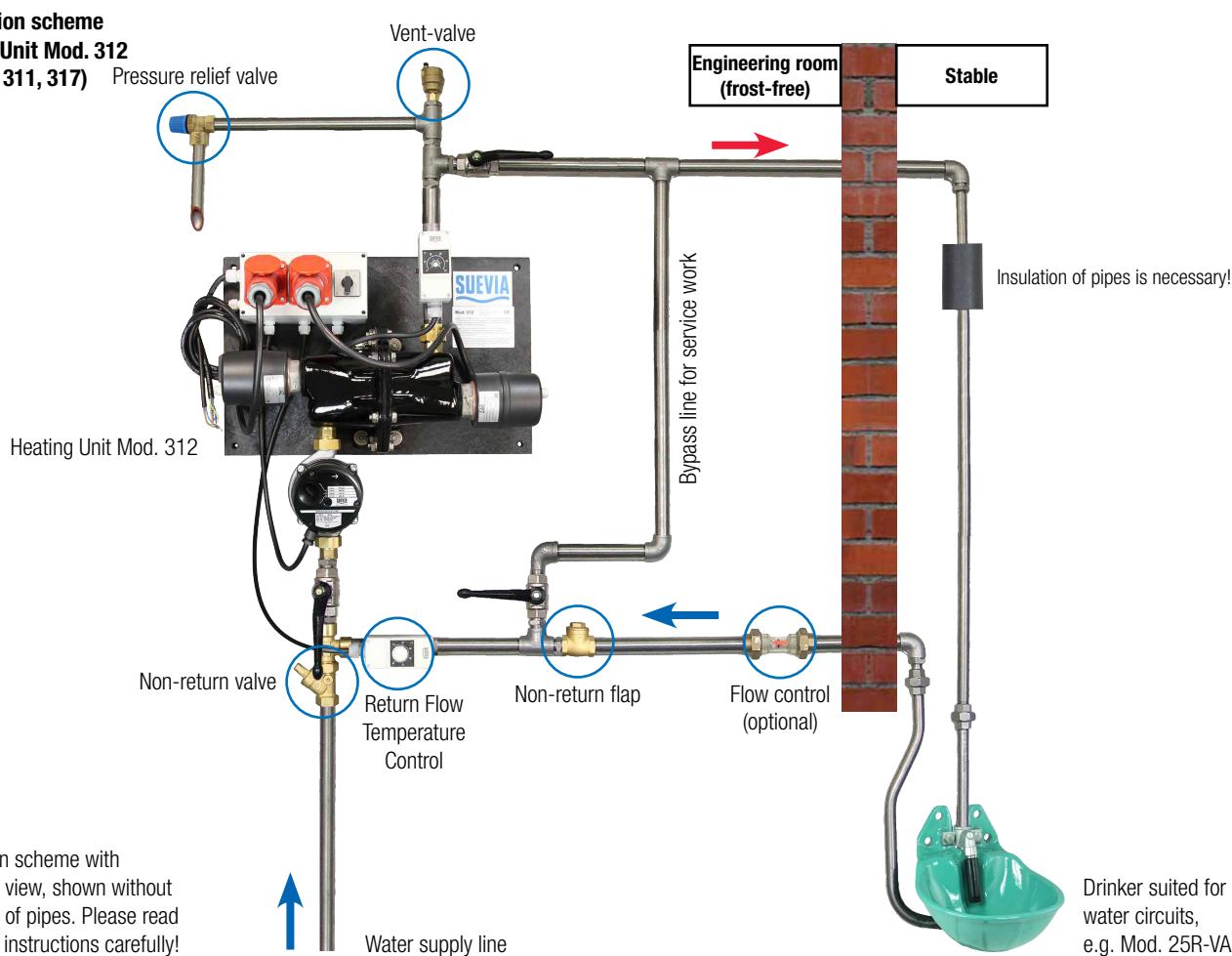
SUEVIA

HEATING UNITS

Installation scheme Heating Unit HEATFLOW



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



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



HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS



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



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!



Frost-Protected Drinkers

Thermo Source

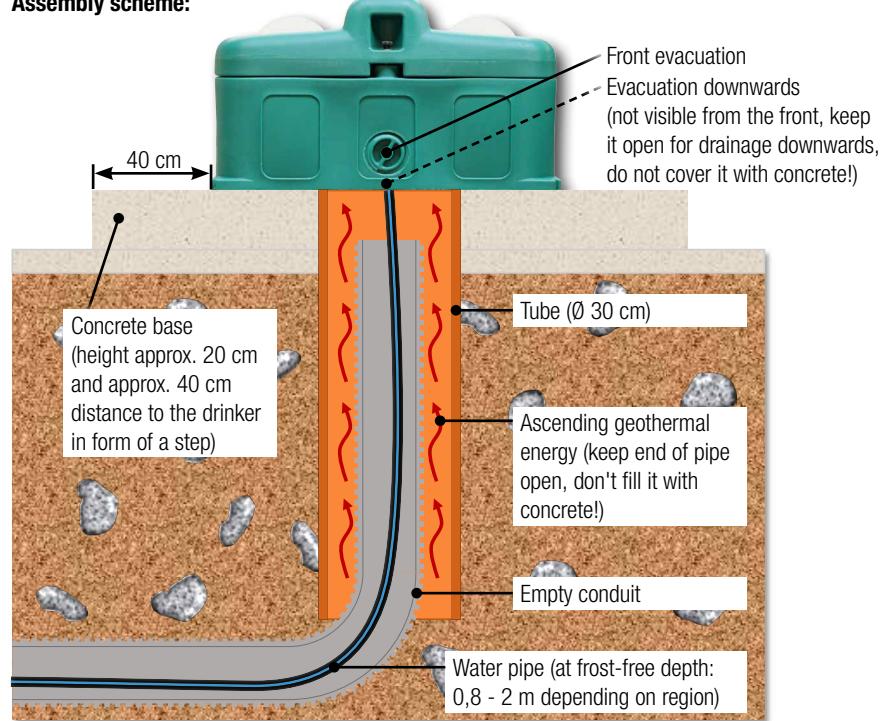
SUEVIA Thermo Source Drinkers are **very well insulated** drinking facilities made of premium quality **UV-resistant polyethylene**, which provide frost-protected water **without use of electricity**. The perfect insulation prevents a drop in temperature and the water in the bowl from freezing even when extreme minus temperatures are given. The water supply line has to be placed in a frost-free depth valid for your area! "Earth-warm" water (in winter season approx. 6°C) runs into the thermo drinker through the high-capacity MAXIFLOW float-valve (up to 40 l/min) installed in the middle of the trough. Water level can be adjusted at MAXIFLOW float valve. Constant drinking out of the trough by the animals guarantees a continued renewal of "earth-warm" water in the drinker!

We recommend Thermo Source Drinkers in particular for those cases when no electricity is available in the stable!

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

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

Assembly scheme:



Please ask your dealer for details.



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

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



SUEVIA
WATER & WARMTH

HEATED AND FROST-PROTECTED DRINKERS / HEATING UNITS

Model 630 with one ball drinking place

Ref. 130.0630

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

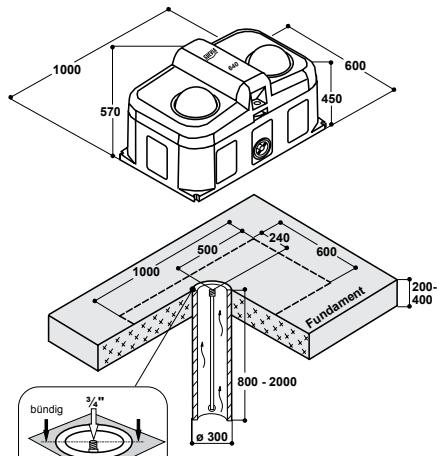
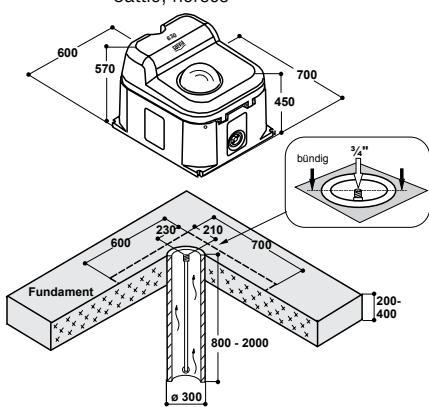
Model 640 with two ball drinking places

Ref. 130.0640

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

RECOMMENDED FOR:

Cattle, horses



See mounting instructions
for detailed information!

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



Model 850 with one drinking place

Ref. 130.0850

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

Model 860 with two drinking places

Ref. 130.0860

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

RECOMMENDED FOR:

Calves, horses, sheep, goats

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

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



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



Transformer
necessary!



TRoughs AND DRINKERS FOR FREE STALLS

Troughs and Drinkers for Free Stalls

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!



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.

The space saving **SUEVIA valve trough drinkers** Model 480, 490, 500 and 520 can be installed in every free stall for dairy cows. Due to the high-output valve a water supply of up to 30 liters per minute can be achieved. Fodder remnants which are carried into the troughs by the animals, are taken in by the animals again. Due to high water supply and the special trough construction lengthy time-consuming cleaning of the troughs can be reduced to a minimum. As the water depth is very low, the fodder pieces can not settle and the trough is **therefore self-cleaning. Of course these troughs can also be frost-protected!**

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

TROUGHS AND DRINKERS FOR FREE STALLS



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

SUEVIA completed his program with very well insulated high-performance **ISO-Drinkers** and **Thermo Drinkers 2,3 m, 2,7 m 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 drainage troughs**, **SUEVIA Thermo trough drinkers** or **SUEVIA tip-over troughs**.

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

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

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



TRoughs AND DRINKERS FOR FREE STALLS



Rost freL
STAINLESS STEEL

Compact Trough Drinker 55 cm Compact Trough Drinker 100 cm

Ref. 130.6140
Ref. 130.6150

- Compact trough drinker for wall fixation, sufficient for 15 – 20 animals
- Completely made of stainless steel
- Water flow of up to 40 l/min permits a continual and efficient watering of the animals
- ¾" male connection, possible from right or left hand side
- With drainage for quick evacuation (55 cm = 1 ¼", 100 cm = Plug Ø 100 mm)
- Contents 30 l (55 cm), 60 l (100 cm)

ACCESSORIES:

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

RECOMMENDED FOR:

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

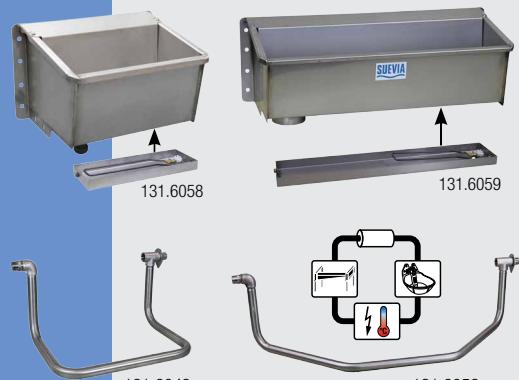
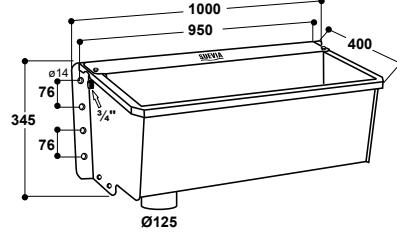
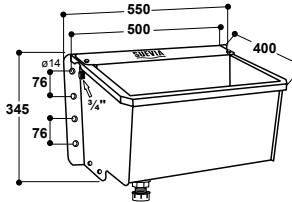


Big drainage hole for evacuation and cleaning of the trough



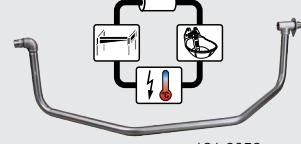
131.1390
Protection bar,
hot-galvanized

131.1396
Protection bar,
hot-galvanized



131.6058
Circuit pipe ¾"
in stainless steel

131.6059
Circuit pipe ¾"
in stainless steel



131.6049
Circuit pipe ¾"
in stainless steel

131.6052
Circuit pipe ¾"
in stainless steel

Options for Frost Protection

Heating element 24 V, for installation under the trough

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

Connection to a water circuit

- **¾" circuit pipe in stainless steel** suited for installation into Model 130.6140 or 130.6150. If connected to a water circuit and in combination with a SUEVIA heating unit, **frost protection is reached for the water line as well as for the water in the trough**.

- For connection to a water circuit we recommend a SUEVIA **heating unit** (see pages 28 – 31)

Ref.	Type	Packing Hints
130.6140	Compact Trough Drinker 55 cm	1 piece
131.1390	Protection bar, hot-galvanized, for Compact Trough Drinker 130.6140	1 piece
131.6049	Circuit pipe ¾", stainless steel	1 piece
131.6058	Heating element 24 V, 180 W, for 130.6140	1 piece
130.6150	Compact Trough Drinker 100 cm	1 piece
131.1396	Protection bar, hot-galvanized, for Compact Trough Drinker 130.6150	1 piece
131.6052	Circuit pipe ¾", stainless steel	1 piece
131.6059	Heating element 24 V, 180 W, for 130.6150	1 piece
131.0527	Valve Heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll

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

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

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

2 m: 101.0861
3 m: 101.1863





SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS



Compact Trough Drinker 45 cm

Ref. 130.6137

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

ACCESSORIES:

- **131.1341 Holder** for 130.6137 for 102 mm tube, with screws
- **131.1342 Holder** for 130.6137 for 140 mm tube, with screws
- **131.1343 Holder** for 130.6137 for H-steel beams, with screws

RECOMMENDED FOR:

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

Ref.	Type	Packing Hints
130.6137	Compact Trough Drinker 45 cm, with integrated circuit pipe	1 piece
NEW! 131.1341	Holder for 130.6137 for 102 mm tube, with screws	1 piece
NEW! 131.1342	Holder for 130.6137 for 140 mm tube, with screws	1 piece
NEW! 131.1343	Holder for 130.6137 for H-steel beams, with screws	1 piece



130.6137



130.6137
View without cover



131.1341



131.1342



131.1343



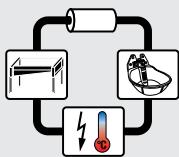
NEW!



131.1343



TRoughs AND DRINKERS FOR FREE STALLS



130.0480



Valve Trough Drinker

Model 480 (connection downwards)

Ref. 130.0480

Model 480 (connection upwards)

Ref. 130.0481

- **Valve Trough Drinker with valve cover, which can be opened without use of tools and for connection to a water circuit**

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

ACCESSORIES:

- **Heating element 24 V, 800 W** (Ref. 131.0528)
- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1391)
- **Fixation 90°, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600, if installed with fixation 90° (Ref. 131.1394)

RECOMMENDED FOR:

Dairy cows, cattle

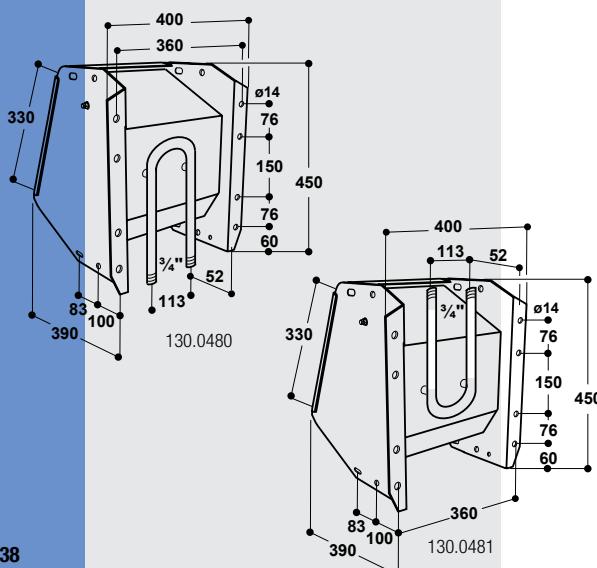
Ref.	Type	Packing Hints
130.0480	Valve trough drinker Mod. 480, connection downwards	1 piece
130.0481	Valve trough drinker Mod. 480, connection upwards	1 piece
131.0528	Heating element 24 V. 80 W	1 piece
131.1391	Protection bar, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1050	Fixation 90°, hot-galvanized,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



130.0481



131.0528



130.0480



130.0481



view from above



SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS

NEW! Double Valve Trough Drinker

- **Double Valve Trough Drinker with valve cover, which can be opened without tools and for connection to a water circuit**
- Trough with **two** drinking places suited **for 30 – 40 animals**
- **Integrated circuit pipe** (with 2 x ¾" male connection) keeps the valve area frost-protected when connected to SUEVIA Heating Unit
- Subsequent installation of one **heating element** (Ref. 131.0528, 24 V, 160 W) to prevent the water in the trough from freezing
- Ideal for cattle and dairy cows in free stalls – **space-saving, self-cleaning design!**
- Completely made of **stainless steel**
- Water flow of up to **30 l/min** permits a continual and efficient watering of the animals
- Valve operation via large and smoothly running valve flap
- **Always fresh and clean water for your animals:** due to water flow and special design of the bowl feed rests are flushed by the running water and drunk by the animals at the same time
- **Valve cover can be opened without use of tools** for cleaning or service
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or pipe mounting

ACCESSORIES:

- **Connection set for ¾" water circuits** (Ref. 103.3009), in stainless steel
- **Heating element 24 V, 160 W** (Ref. 131.0463)
- **Protection bar, hot-galvanized**, for Mod. 490, 520, 620 (Ref. 131.1393)

RECOMMENDED FOR:

Dairy cows, cattle

Ref.	Type	Packing Hints
NEW! 130.0490	Double Valve Trough Drinker Mod. 490	1 piece
NEW! 103.3009	Connection set for ¾" water circuits, for Mod. 490	1 piece/bag
NEW! 131.0463	Heating element 24 V, 160 W, for Mod. 490	1 piece
131.1393	Protection bar, hot-galvanized, for Mod. 490, 520, 620	1 piece
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0389	Thermostat	1 piece/box

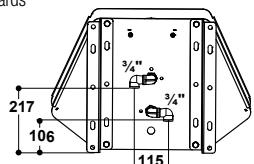


front view

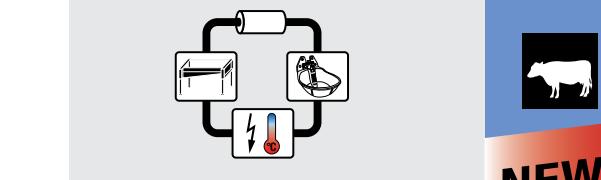
rear view



103.3009 installed for connection downwards



103.3009 installed for connection upwards



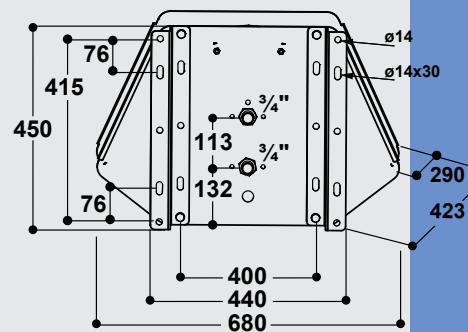
NEW!



131.0463



Valve cover can be opened without use of tools
for cleaning or service





TRoughs AND DRINKERS FOR FREE STALLS



INSIDER TIP!

Always fresh and clean water for the animals!

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



EDELSTAHL
Rost
frei
STAINLESS STEEL



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

ACCESSORIES:

- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1391)
- **Protection bar, hot-galvanized**, for Mod. 490, 520, 620 (Ref. 131.1393)
- **Fixation 90°, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600, if installed with fixation 90° (Ref. 131.1394)

RECOMMENDED FOR:

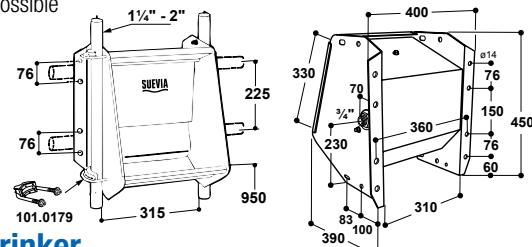
Dairy cows, cattle

Valve Trough Drinker

Model 500

Ref. 130.0500

- Trough with **one drinking place suited for 15 – 20 animals**
- **$\frac{3}{4}$ " male connection from right or left side** is possible by changing the valve from right to left or vice versa
- Subsequent installation of one **heating element** (Ref. 131.0523) and of a **valve heating** (24 V, 7 W, 131.0527) possible

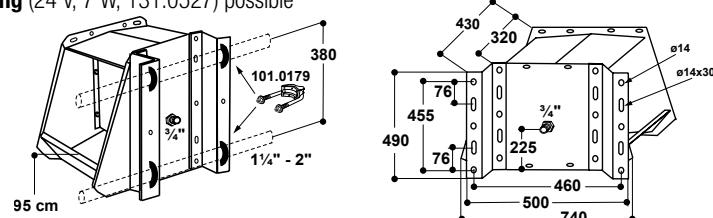


Double Valve Trough Drinker

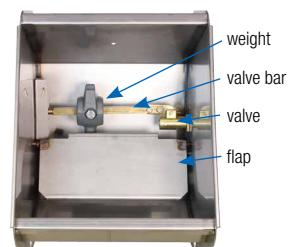
Model 520

Ref. 130.0520

- Trough drinker with **two facing drinking places for 30 – 40 animals**
- No fights for an individual place as alongside longer troughs, enabling **two animals to drink simultaneously**
- **$\frac{3}{4}$ " lateral male connection**
- Supports for lateral wall mounting inclusive
- Subsequent installation of **1 or 2 heating elements** (Ref. 131.0524) and of a **valve heating** (24 V, 7 W, 131.0527) possible



Mod. 500



Mod. 500 or 520



Mod. 520



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TROUGHS AND DRINKERS FOR FREE STALLS

Options for Frost Protection

Frost protection by Heating Element

If frost protection in case of Model 500/520 is desired, a **heating element** (24 V, 80 W) is fixed under the trough. In order to ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (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 (see p. 26). For automatic switch on/off of transformer a **thermostat** (Ref. 101.0389) can be additionally installed (see p. 26).

Correct choice of Heating Element:

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

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

Valve Heating (24 V, 7 W, 131.0527) can be additionally installed.

Connection to a feed pipe

To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (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 (Ref. 101.1099).

Connection to a water circuit

- In combination with a SUEVIA **connection set for ¾" water circuits** (Ref. 103.1984, 103.3004) an easy integration of Model 500/520 into a water circuit is possible! For connection to a water circuit we recommend **SUEVIA heating units** (p. 28 – 31).
- In order to prevent water in the bowl from freezing, use additionally a heating element 131.0523 or 131.0524. Transformer necessary!
- **For extremely cold areas a valve heating** (24 V, 7 W, 131.0527) is recommended for increased frost protection.

Ref.	Type	Packing Hints
130.0500	Valve trough drinker Mod. 500	1 piece
130.0520	Double valve trough drinker Mod. 520	1 piece
131.1391	Protection bar, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1393	Protection bar, hot-galvanized, for Mod. 490, 520, 620	1 piece
131.1050	Fixation 90°, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1394	Protection bar, hot-galvanized, for Mod. 480, 500, 600 if installed with fixation 90°	1 piece
131.0523	Heating element Mod. 523, 24 V, 80 W	1 piece
131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1984	Connection set for ¾" water circuits for Mod. 500, 600	1 piece/bag
103.3004	Connection set for ¾" water circuits for Mod. 520, 620	1 piece/bag
103.3007	Connection set for 1" water circuits for Mod. 520, 620	1 piece/bag

NEW!



131.0523



131.0524



131.0527
Valve Heating installed
in Model 500

2 m: 101.0861
3 m: 101.1863



103.1984
for Mod. 500



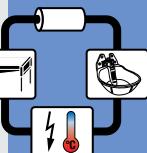
131.1393
Protection bar,
hot-galvanized,
for Mod. 490, 520, 620



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



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



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





TRoughs AND DRINKERS FOR FREE STALLS



INSIDER TIP!

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



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View of the drainage plug from below



View of the drainage plug from inside



Mod. 600

SUEVIA Trough Drinkers with Float Valve

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

ACCESSORIES:

- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1391)
- **Protection bar, hot-galvanized**, for Mod. 490, 520, 620 (Ref. 131.1393)
- **Fixation 90°, hot-galvanized**, for Mod. 480, 500, 600 (Ref. 131.1050)
- **Protection bar, hot-galvanized**, for Mod. 480, 500, 600, if installed with fixation 90° (Ref. 131.1394)

RECOMMENDED FOR:

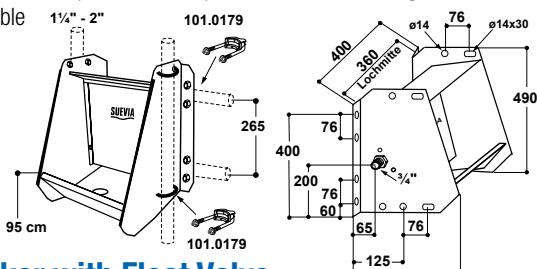
Dairy cows and cattle with nose or anti-suction ring

Trough Drinker with Float Valve

Model 600

Ref. 130.0600

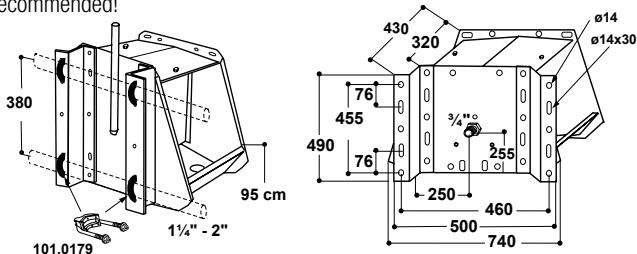
- With one drinking place **for 15 – 20 animals**
- **$\frac{3}{4}$ " male connection from right or left side** is possible by changing the valve from right to left or vice versa
- Integrated large drainage hole
- Installation of one **heating element** (Ref. 131.0524) and of a **valve heating** (24 V, 7 W, 131.0527) possible



Double Trough Drinker with Float Valve Model 620

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
- **$\frac{3}{4}$ " lateral male connection**, possible from left or right
- With two large drainage holes
- Supports for lateral wall mounting inclusive
- Installation of **two heating elements** (Ref. 131.0524) and of a **valve heating** (24 V, 7 W, 131.0527) recommended!



Mod. 600



Mod. 620



Mod. 620



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TROUGHS AND DRINKERS FOR FREE STALLS

Frost protection by Heating Element

If frost protection in case of Model 600/620 is desired, a **heating element** (24 V) is fixed under the trough. In order to ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (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 (see p. 26). For automatic switch on/off of transformer a **thermostat** (Ref. 101.0389) can be additionally installed (see p. 26).

Suited heating element

- **For both Models:** Heating element Model 524 (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 (24 V, 7 W, 131.0527) can be additionally installed.

Connection to a feed pipe

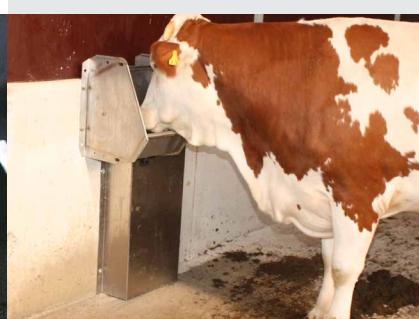
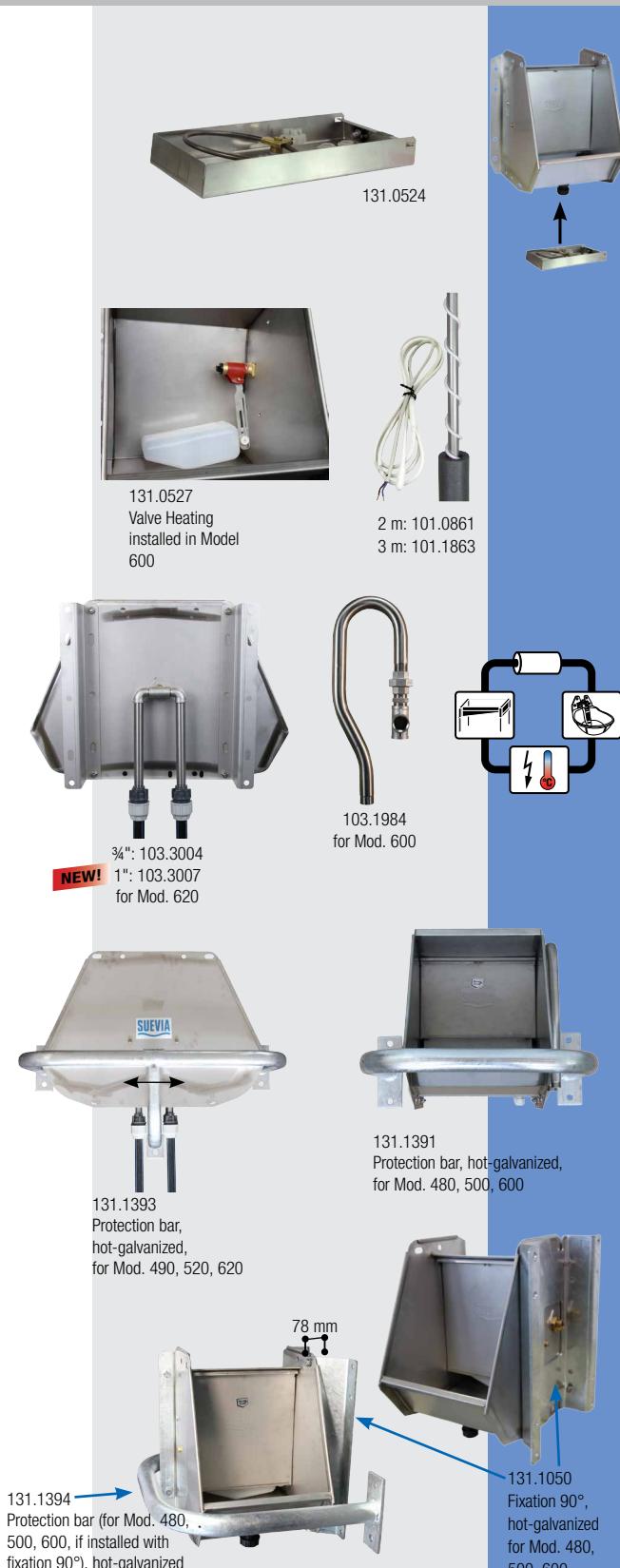
To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (Ref. 101.1863) has to be used. The heating cable should be wrapped around the pipe and connected to the heating element of the drinker in parallel to the power supply cable, coming 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 (Ref. 101.1099).

Connection to a water circuit

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

Ref.	Type	Packing Hints
130.0600	Trough drinker with float valve Mod. 600	1 piece
130.0620	Double trough drinker with float valve Mod. 620	1 piece
131.1391	Protection bar, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1393	Protection bar, hot-galvanized, for Mod. 490, 520, 620	1 piece
131.1050	Fixation 90°, hot-galvanized, for Mod. 480, 500, 600	1 piece
131.1394	Protection bar, hot-galvanized, for Mod. 480, 500, 600 if installed with fixation 90°	1 piece
131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1984	Connection set for ¾" water circuits for Mod. 500, 600	1 piece/bag
103.3004	Connection set for ¾" water circuits for Mod. 520, 620	1 piece/bag
103.3007	Connection set for 1" water circuits for Mod. 520, 620	1 piece/bag

NEW!





TRoughs AND DRINKERS FOR FREE STALLS

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STAINLESS STEEL



NEW!



Rounded trough and rounded corners

NEW!



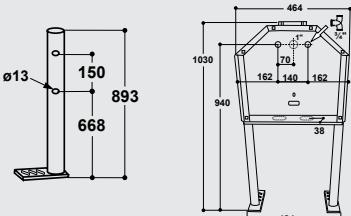
Plug holder DE LUXE:
easiest opening and closing above water surface of drainage hole



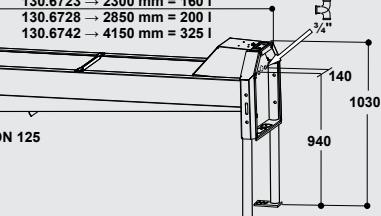
drainage pipe
DN125 (on site)

with additional floater
131.0738

protection plate
131.6090



130.6714 → 1400 mm = 100 l
130.6719 → 1900 mm = 130 l
130.6723 → 2300 mm = 160 l
130.6728 → 2850 mm = 200 l
130.6742 → 4150 mm = 325 l



Pat. SUEVIA Quick Drainage Trough

1,4 – 2,85 m (4,2 m see p. 47)

- Conical inclined trough in stainless steel for wall mounting
- Anti-spillage rim – water wastage reduced to a minimum
- **Float valve cover can be pivoted upwards without use of tools!**
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), $\frac{3}{4}$ " male connection.
- NEW! Plug inclusive **plug holder DE LUXE!** Drainage plug can be operated above water surface!
- **Large hole for quick drainage;** with holder for drainage tube
- With overflow hole in plug: surplus water of frost frost protection guard can be flushed through this hole.

ACCESSORIES:

- Legs (131.6031, 1 set = 4 pieces)
- Additional float valve (131.0700 or 131.0738) e.g. for warmed-up water from the milk cooling system (not possible if circuit pipe is installed).
- Protection plate (131.6090) to cover connections at the valve side prevents biting into frost protection heating cables and insulation.

Ref.	Type	Packing Hints
130.6714	Quick drainage trough 1,4 m	1 piece
130.6719	Quick drainage trough 1,9 m	1 piece
130.6723	Quick drainage trough 2,3 m	1 piece
130.6728	Quick drainage trough 2,85 m	1 piece
130.6742	Quick drainage trough 4,2 m (Info see p. 47)	1 piece
131.6031	1 set of legs (= 4 pieces)	1 set
131.0700	MAXIFLOW float valve, Mod. 700	1 piece
131.0738	Low pressure float valve, Mod. 738	1 piece
131.6090	Bite protection plate in stainless steel	1 piece
131.6060	Heating element Mod. 6060, 24 V, 180 W	1 piece/box
131.6061	Heating element Mod. 6061, 24 V, 180 W	1 piece/box
131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.0521	$\frac{3}{4}$ " frost protection guard	1 piece/box
131.6064	$\frac{3}{4}$ " circuit pipe	1 piece
131.6067	Connection set for 1" water circuits	1 piece
	1" Circuit pipe: see p. 46	



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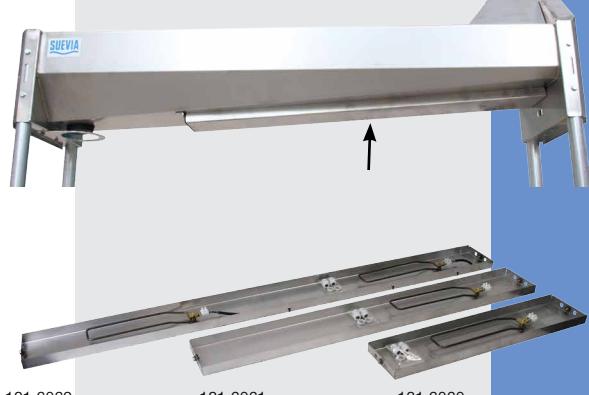
TROUGHS AND DRINKERS FOR FREE STALLS

Options for frost protection:

Heating element 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**
- For a frost-free feed pip: frost protection heating cable 24 V (20 W, 2 m, 101.0861) or 30 W, 3 m, 101.1863). The heating cable is connected parallel to the heating element.
- For power supply a SUEVIA Transformer 230/24 V is necessary. For automatic switch on/off a thermostat (101.0389) can be additionally installed (see p. 26).

Trough (Ref.)	Length	Contents	Heating Element (Ref.)	Voltage, Power
130.6714	1,4 m	100 l	131.6060	24 V, 180 W
130.6719	1,9 m	130 l	131.6061	24 V, 180 W
130.6723	2,3 m	160 l	131.6062	24 V, 360 W
130.6728	2,85 m	200 l	131.6062	24 V, 360 W
130.6742	4,2 m	280 l	131.6062	24 V, 360 W



Heating element in the trough

Heating element (24 V, 180 W, 131.6063), with stainless steel cover and cable connection box inclusive. Frost protection of trough down to -20°C. For installation only four holes have to be drilled into the trough's bottom according plan. For power supply a SUEVIA Transformer 230/24 V is necessary. For automatic switch on/off of transformer a thermostat (101.0389) can be additionally installed (see p. 26). For a frost-free feed pip: frost protection heating cable 24 V (20 W, 2 m, 101.0861) or 30 W, 3 m, 101.1863). The heating cable is connected parallel to the heating element.



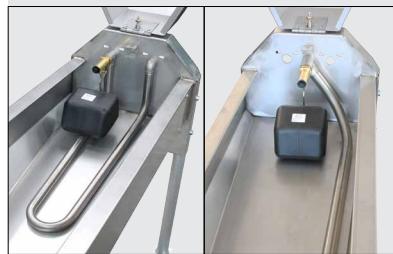
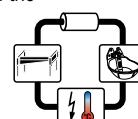
Valve heating

For extremely cold areas a valve heating (24 V, 7 W, 131.0527) is recommended for increased frost protection.



Connection to a water circuit

¾" circuit pipe (131.6064) in stainless steel, 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.



1" circuit pipe in stainless steel: see p. 46

Connection set for 1" water circuits (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.



Connection set for
1" water circuits
131.6067

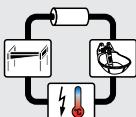
Frost protection guard

Frost protection without electricity! At risk of frost the installed and adjusted frost protection guard (131.0521) 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 is flushed through this hole in the lever of drainage plug. No ice in front of the trough!





TRoughs AND DRINKERS FOR FREE STALLS



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

- The 1" circuit pipe runs through the whole trough from one end to the other. Ideal for water circuits of large free stalls.
- 1" circuit pipe is made of stainless steel. Available as accessory for Quick Drainage Troughs (130.6714, 130.6719, 130.6723, 130.6728) in one piece. For 130.6742 the pipe is divided into two pieces, connected with a union.
- Inclusive all fittings and connection material (see pictures "installation example without accessories" below)
- When using a 1" circuit pipe the installation of a frost protection guard or a bite protection plate is not possible.

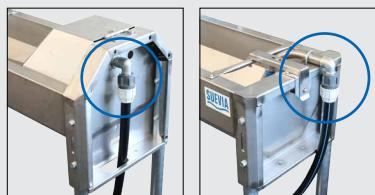
ACCESSORIES:

- Elbow 90°, f/m, stainless steel** (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** (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.

Find for each trough the correct 1" circuit pipe:

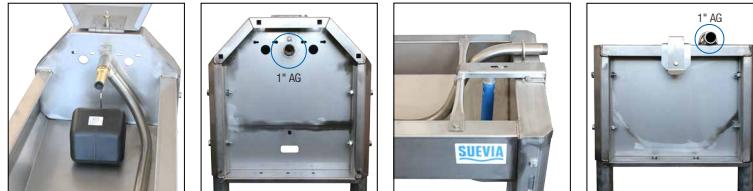
Trough (Ref.)	Length	1" circuit pipe (Ref.)
130.6714	1,4 m	131.6110
130.6719	1,9 m	131.6111
130.6723	2,3 m	131.6112
130.6728	2,85 m	131.6113
130.6742	4,2 m	131.6114

Installation example with elbows (accessories) and plastic pipe:



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

Installation example without accessories:



Ref.	Type	Packaging Hints
131.6110	1" circuit pipe for trough 130.6714	1 piece
131.6111	1" circuit pipe for trough 130.6719	1 piece
131.6112	1" circuit pipe for trough 130.6723	1 piece
131.6113	1" circuit pipe for trough 130.6728	1 piece
131.6114	1" circuit pipe for trough 130.6742	1 piece
103.2010	Elbow 90°, f/f, 1", stainless steel	1 piece
103.2036	Elbow 90°, f/m, 1", stainless steel	1 piece

Plug holder DE LUXE for older Quick Drainage Troughs

- Exchange kit for older Quick Drainage Troughs
- For an easy opening and closing of the drainage plug.
- Easy opening: push the button. Easy closing: just push it down.
- 131.6086: Plug holder DE LUXE with crossbar and bolts**, for the older version of Quick Drainage Troughs, which were delivered without crossbar
- 131.6087: Plug holder DE LUXE without crossbar**, for the troughs, delivered already with crossbar



Ref.	Type	Packing Hints
131.6086	Plug holder DE LUXE, with crossbar and bolts	1 set
131.6087	Plug holder DE LUXE, without crossbar	1 set



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TROUGHS AND DRINKERS FOR FREE STALLS



SUEVIA Quick Drainage Trough 4,2 m

for wall fixation

Ref. 130.6742

- Extra long 4,2 m trough
- Suitable for large animal housings: 3,7 m inner trough length provides from 37 up to 46 dairy cows with water (8 – 10 cm trough length for each animal)
- Only for mounting on a concrete wall in the middle of crossings in front of cubicles
- Easy transportation thanks to a modular execution made of two parts. The seam of two parts is sealed with silicone and screwed with stainless steel bolts.
- **Conical inclined trough in stainless steel for wall mounting**, inclusive middle console made of stainless steel, which is fixed to the wall and supports the trough in the middle
- **Rounded corners** for animals' comfort
- Anti-spillage rim – water wastage reduced to a minimum
- **Float valve cover can be pivoted upwards without use of tools!**
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), $\frac{3}{4}$ " male connection.
- Plug inclusive **plug holder DE LUXE!** Drainage plug can be operated above water surface!
- **Large hole for quick drainage;** with holder for drainage tube
- With overflow hole in plug: water of frost frost protection guard can flush through this hole.

ACCESSORIES:

- **Additional float valve** (131.0700 or 131.0738) e.g. for warmed-up water from the milk cooling system (not possible with circuit pipes).
- **Protection plate** (131.6090) to cover connections at the valve side; prevents biting into frost protection heating cable and provides insulation.
- **Frost protection** accessories see table below

130.6742

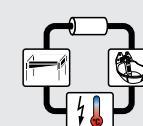


View of the middle console



Ref.	Type	Packing Hints
130.6742	Quick drainage trough 4,2 m	1 piece
131.6090	Bite protection plate in stainless steel	1 piece
131.0700	MAXIFLOW float valve, Mod. 700	1 piece
131.0738	Low pressure float valve, Mod. 738	1 piece
131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.6064	$\frac{3}{4}$ " circuit pipe	1 piece
131.6067	Connection set for 1" water circuits	1 piece
131.6114	1" circuit pipe for trough 130.6742 (see p. 46)	1 piece
131.0521	$\frac{3}{4}$ " frost protection guard	1 piece/box

131.6114





TRoughs AND DRINKERS FOR FREE STALLS



Wall fixation version
(130.8522 1,5 m)



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



MAXIMUM OF COW COMFORT!

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



131.0581
Bite protection shield,
connected from beneath



131.0582
Bite protection shield,
connected from the side

SUEVIA Flat Tip-Over Trough with galvanized fixation

1,0 m to 3,0 m for wall and ground fixation



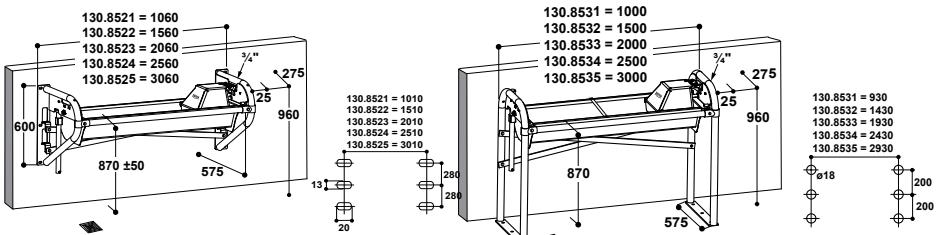
- Trough completely **made of stainless steel, with big rounded corners**: animal friendly construction without salient edges nor corners
- Built-in **rigid ¾" male water connection**, no flexible connection line necessary
- Connection from right or left hand side possible by relocation of the valve
- Installed float valve MASTERFLOW, water flow up to 40 l/min (11 gallons/min), ¾" frontal male connection
- **Rounded float valve cover can be pivoted upwards without use of tools!**
- **Water-saving flat drinking trough**, less slurry: water savings per flat tip-over trough up to 25.000 l (6.600 US gallons) per year (taken a cleaning interval of 2 days), compared with normal tip-over troughs with 200 l water contents
- Free and easy access to the water surface and optimal drinking height
- Galvanized wall and ground fixations

ACCESSORIES:

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

RECOMMENDED FOR:

Cattle, dairy cows



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

Accessories:

131.6060	Heating element Mod. 6060, 24 V, 180 W	1 piece/box
131.6061	Heating element Mod. 6061, 24 V, 180 W	1 piece/box
131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
131.6089	Fixation for heating element, for 2,5 + 3 m Flat tip-over trough	1 piece
131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
131.0581	Bite protection shield, connected from beneath	1 piece
131.0582	Bite protection shield, connected from the side	1 piece
131.0591	Circuit pipe ¾", for Flat tip-over trough	1 piece
131.6122	Circuit pipe 1", for Flat tip-over trough 1,5 m	1 piece
131.6123	Circuit pipe 1", for Flat tip-over trough 2 m	1 piece
131.6124	Circuit pipe 1", for Flat tip-over trough 2,5 m	1 piece
131.6125	Circuit pipe 1", for Flat tip-over trough 3 m	1 piece
131.0592	Frost protection guard	1 piece



SUEVIA
WATER & MILK

TROUGHS AND DRINKERS FOR FREE STALLS

Options for Frost Protection

Heating element under the trough

(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 (Ref. 101.0861), or a 24 V, 30 W, 3 m (Ref. 101.1863) has to be used.

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



For power supply a SUEVIA **Transformer** (24 V) is necessary. For automatic switch on/off of transformer a thermostat (Ref. 101.0389) can be additionally installed

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

Heating in the trough

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



Increased frost protection of the valve

For extremely cold areas a valve heating (24 V, 7 W, 131.0527) is recommended for increased frost protection.



Connection to a water circuit

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



3/4" circuit pipe in stainless steel (Ref. 131.0591) suited for installation into SUEVIA flat tip-over troughs with a MASTERFLOW float valve.

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

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



Frost protection guard

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

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





SUEVIA Flat Tip-Over Trough, options for fixation

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

With wall fixation, galvanized

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

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

With ground fixation, galvanized

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

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

With wall fixation, stainless steel

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

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

With ground fixation, stainless steel

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

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

With ground fixation, stainless steel, short version

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

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



SUEVIA
WATER & MILK

TROUGHS AND DRINKERS FOR FREE STALLS



SUEVIA Rounded Rim Trough

1,5 m, 2,0 m, 3,0 m for wall, ground and post fixation

- Trough with stainless steel pipe rim**
- The stainless steel pipe encloses completely the trough
- The float valve cover is inclined towards all sides avoiding any risk of injury
- Anti-spillage rim – water wastage reduced to a minimum
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), $\frac{3}{4}$ " male connection at the front side

Float valve cover can be pivoted upwards without use of tools

- Large hole** for quick drainage
- With holder for drainage tube (tube DN 125 to be provided on site)
- With hole at the side of the trough: If frost protection guard is installed (see beneath), excessive water produced by frost protection guard is channelled through hole
- Rounded rim trough will be delivered without Consoles, suitable Consoles (for wall, ground oder post fixation) have to be chosen as accessory.

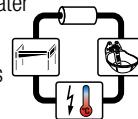
ACCESSORIES:

- Set Consoles for wall fixation (Ref. 130.7051, universal)
- Set Consoles for ground fixation (Ref. and variants see in table)
- Set Consoles for fixation between posts up to $3\frac{1}{2}$ " (Ref. 130.7052, universal)

Options for Frost Protection

Connection to a water circuit

A1: $\frac{3}{4}$ " circuit pipe in stainless steel (Ref. 131.6064). If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.



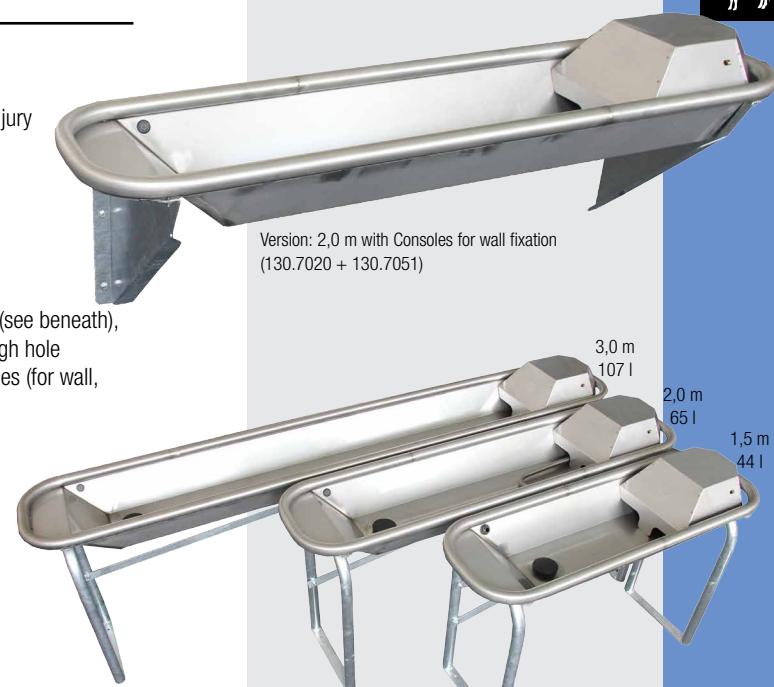
A2: Connection set for 1" water circuits, the free space around the valve allows installation of a 1" circuit pipe in the trough with fittings.

This is a possibility for areas with short and mild periods of frost.

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

Frost protection guard

SUEVIA frost protection guard with connection parts (Ref. 131.0519). For subsequent installation into SUEVIA Rounded rim troughs. Consists of a thermostat valve and drainage kit ($\frac{3}{4}$ " flexible tube connection). **Frost protection without electricity!** At risk of frost the installed and adjusted frost protection guard opens automatically, the adjusted water quantity flows into the trough: water in the trough remains in motion and is prevented from freezing! Surplus water produced by the frost protection guard is channelled well directed through the drainage kit, which is mounted opposite to the float valve at the rear side of the trough.



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



Version: with consoles for ground fixation



Ref.	Type	Packaging Hints
130.7015	Rounded rim trough 1,5 m, without fixation	1 piece
130.7020	Rounded rim trough 2,0 m, without fixation	1 piece
130.7030	Rounded rim trough 3,0 m, without fixation	1 piece
130.7051	Set Consoles for wall fixation (no steel bars necessary)	1 piece
130.7054	Set Consoles for ground fixation 1,5 m (incl. steel bars)	1 piece
130.7055	Set Consoles for ground fixation 2,0 m (incl. steel bars)	1 piece
130.7056	Set Consoles for ground fixation 3,0 m (incl. steel bars)	1 piece
130.7052	Set Consoles for fixation between posts up to $3\frac{1}{2}$ "	1 piece
131.6064	Circuit pipe $\frac{3}{4}$ "	1 piece
131.0519	Frost protection guard	1 piece



Version: with consoles for fixation on posts



TROUGH AND DRINKERS FOR FREE STALLS



**240 – 610 LITERS
OF STORAGE**



NEW!



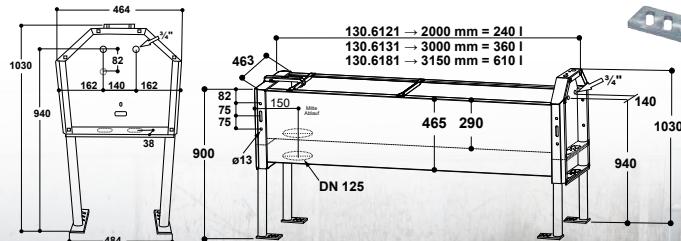
Rounded trough and rounded corners

NEW!

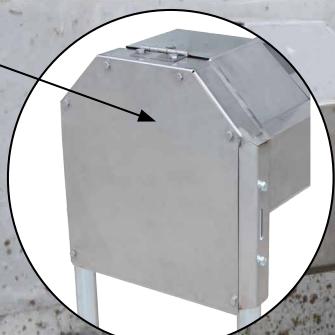


Plug holder DE LUXE:

easiest opening and closing above water surface of drainage hole



protection plate
131.6090 (for 130.6121 and
130.6131),
131.6091 (for 130.6181)





SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS

SUEVIA Volume Trough

for warmed-up water from milk cooling system

130.6121: 2,0 m, 240 l, for wall and ground fixation

130.6131: 3,0 m, 360 l, for wall and ground fixation

130.6181: 3,15 m, 610 l, for ground fixation

- **Voluminous trough in stainless steel**
- **Ideal to water the animals with warmed-up water from milk cooling system**
- Anti-spillage rim reduces water wastage to a minimum
- Free water flow into trough by $\frac{3}{4}$ " without float valve: surplus water is drained through boring in drainage plug.
- **Modular concept** offers the possibility to link two troughs with a **connection set** (131.0286), which results in a **storage volume of up to max. 1220 l**.
- When using a storage tank and when controlled water flow into the trough is desired, a **low pressure float valve** (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** (131.0723).
- **Plug holder DE LUXE** in scope of delivery. For an easy opening and closing of the drainage plug. Drainage plug can be operated above water surface!
- **Big hole enables quick drainage**. With holder for drainage tube.
- With overflow hole in plug: water of frost frost protection guard can flush through this hole.

ACCESSORIES:

- **Legs** (131.6031, 1 set = 4 pieces), mandatory for wall or ground fixation of 130.6181
- **Connection Set** (131.0286) consisting of a flexible hose, for connection of two troughs
- **Low pressure float valve** (131.0738)
- **MASTERFLOW float valve** (131.0723)
- **MASTERFLOW float valve, with long lever** (131.0726), only for 130.6181
- **Float valve cover** tiltable without tools (131.0775)
- **Protection plate** in stainless steel (131.6090 and 131.6091), to cover connections at the front side, prevents biting into frost protection heating cables, enables easy insulation or foaming of connection area.
- **Protection plate** in stainless steel (131.6091), for 130.6181
- **$\frac{3}{4}$ " Circuit pipe** (131.6102), in stainless steel, for 130.6121, 130.6131
- **$\frac{3}{4}$ " Circuit pipe** (131.6103), in stainless steel, for 130.6181
- **$\frac{3}{4}$ " frost protection guard** (131.0521)



Ref.	Type	Packing Hints
130.6121	Volume Trough 2,0 m, without valve	1 piece
130.6131	Volume Trough 3,0 m, without valve	1 piece
130.6181	Volume Trough 3,15 m, without valve (+131.6031 is mandatory for wall and ground fixation)	1 piece
131.6031	1 set of legs (= 4 pieces)	1 set
131.0286	Connection set for two troughs	1 set/bag
131.0723	Float valve MÄSERFLOW, Mod. 723	1 piece
131.0726	Float valve MÄSERFLOW with long lever, Mod. 726	1 piece
131.0738	Low pressure float valve, Mod. 738	1 piece
131.0775	Float valve cover for volume trough	1 set/bag
131.6090	Bite protection plate in stainless steel (for 130.6121 and 130.6131)	1 piece
131.6091	Bite protection plate in stainless steel (for 130.6181)	1 piece
131.6102	$\frac{3}{4}$ " Circuit pipe, in stainless steel, for 130.6121, 130.6131	1 piece
131.6103	$\frac{3}{4}$ " Circuit pipe, in stainless steel, for 130.6181	1 piece
131.0521	$\frac{3}{4}$ " frost protection guard	1 piece/box



131.0723



131.0726



131.0723



131.0738



131.0286 connection set



NOTES





SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS



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)

Ref. 130.6620

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 (Ref. 130.6621) with **more powerful heating** 24 V, 380 W (2x heating element 24 V, 180 W + frost protection heating cable 24 V, 20 W = 380 W) available for subsequent installation to ensure frost protection down to **-30°C!** (transformer necessary, see below and also p. 26)
- Calm and easy drinking of the animals due to **installed MAXIFLOW float valve**, which provides water flow up to **40 l/min. Constant water level**.
- Bowl and cover are **completely made of stainless steel**
- Valve cover** can be pivoted upwards and **opened without use of tools!**
- Large service aperture**, which can be opened without use of tools: ensures an easy connection of water and power supply lines
- 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** (Ref. 101.1193) reduces water losses to a minimum
- Valve heating** (24 V, 7 W, 131.0527) for extremely cold areas

RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep

Anti-spillage rim
(Ref. 101.1193)

reduces water losses to minimum



Valve heating
131.0527



INSIDER TIP!

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



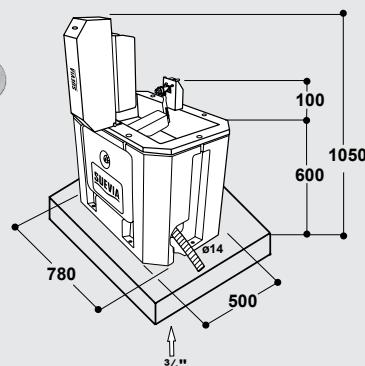
Valve cover
can be opened
without use
of tools

Drainage hole



Drainage plug in
the bowl's bottom

Incl. armoured tube and frost
protection heating cable 24 V



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





TRoughs AND DRINKERS FOR FREE STALLS



Anti-bite protection 131.6065

drainage

Ref. 130.6523

SUEVIA Thermo Trough Drinker 2,3 m Model 6523

double-walled + insulated

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

ACCESSORIES FOR ENHANCED FROST PROTECTION:

Heating element for direct installation into the trough

- **Heating element Model 6069** (Ref. 131.6069) 24 V, 180 W. For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 26). For automatic switch on/off of transformer a thermostat (Ref. 101.0389) can be additionally installed (see p. 26). To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (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 (Ref. 101.1099).
- If additionally connected to a **SUEVIA heating unit** an optimum of frost protection of the water line is reached! (Heating units see pages 28 – 31)

ACCESSORIES:

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

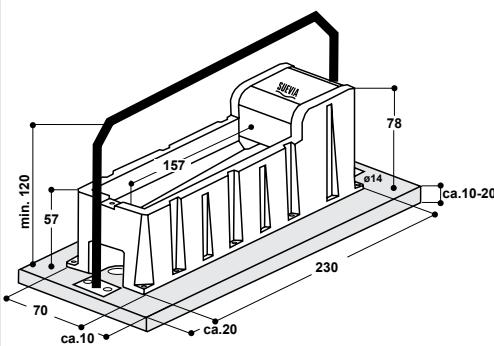
RECOMMENDED FOR:

Cattle, dairy cows.



131.6069

103.1985



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



SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS

Valve installation possibilities for Model 6523



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



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



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

Scope of delivery for Mod. 6523



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



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



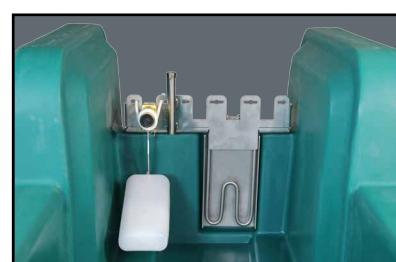
Option F:
2x MAXIFLOW float valve
(up to 80 l/min!)
1x low pressure float valve



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



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



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



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

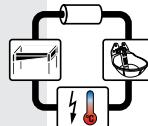


TRoughs AND DRINKERS FOR FREE STALLS



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

130.6543



131.6069



103.1988



Float valve cover can be opened without use of tools



Large service aperture for water and power supply connection



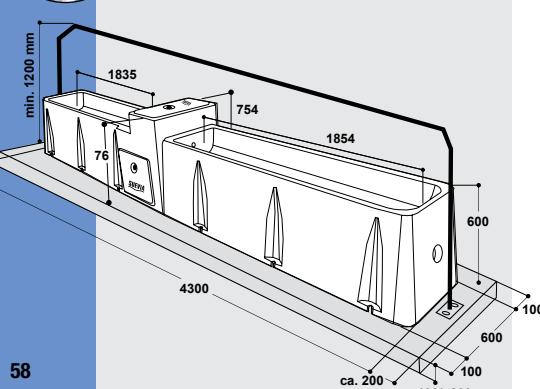
In scope of delivery: MAXIFLOW float valve



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



Anti-Bite Protection Plates 131.6083 or 131.6084



SUEVIA Thermo Trough Drinker 4,3 m Model 6543

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, see scheme below)

ACCESSORIES:

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

RECOMMENDED FOR:

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

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



SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS



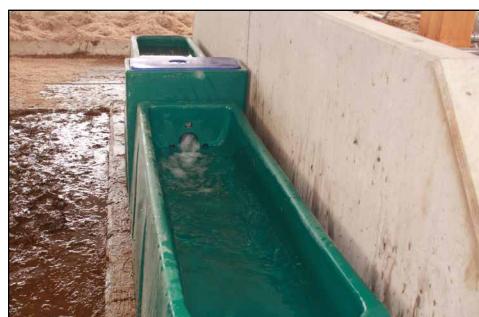
Fast drainage



Large drainage holes



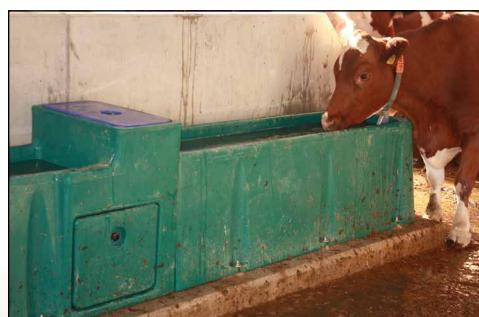
Drainage plug closes the valve area for cleaning purposes.
Second part of drinker is still filled with water.



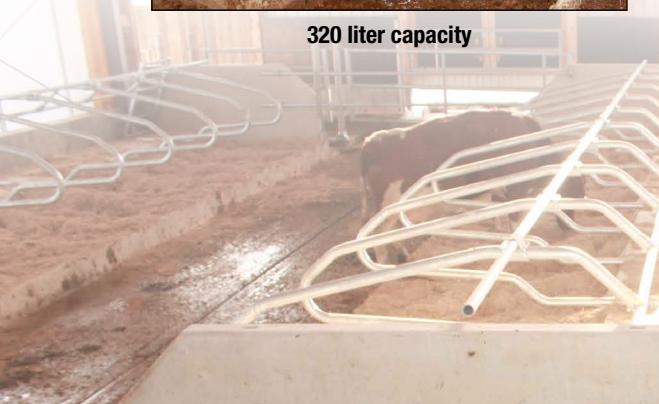
Water flow up to 80 l/min
(with 2 valves)



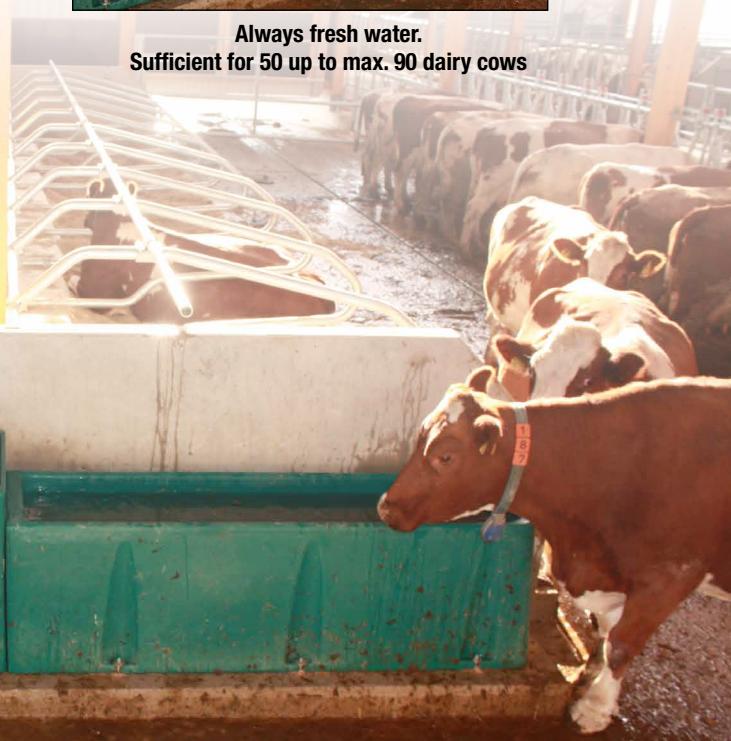
320 liter capacity



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



Length: 4,3 m



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

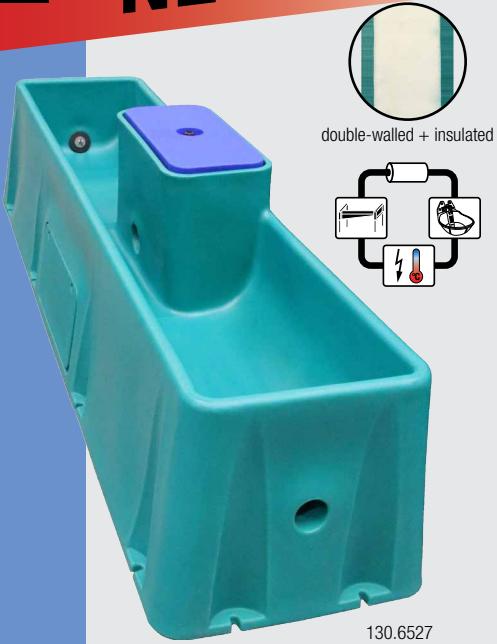




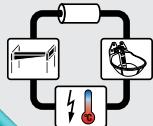
TRoughs AND DRINKERS FOR FREE STALLS



NEW!



double-walled + insulated



130.6527



Quick drainage: trough drinker has an inclined bottom and can be quickly drained through 2 large drainage holes (on the right and the left side)



For cleaning purposes the valve area can be closed with one of the drainage plugs



Float valve cover can be opened without use of tools



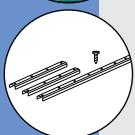
Large service aperture for water and power supply



Float valve area with MAXIFLOW float valve (in scope of delivery)



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



Set of anti-bite protection plates
131.6104 is **indispensable for biting animals**

SUEVIA Thermo Trough Drinker 2,7 m Model 6527

Ref. 130.6527

- Double-walled fully insulated trough drinker made of UV-resistant polyethylene, for ground fixation
- Length 2,7 m, contents approx. 285 l
- Equipped as standard with SUEVIA MAXIFLOW float valve, providing a generous water flow of up to 40 l/min.
- 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 (Order Ref. 131.6074) installed, this area stays frost-free even down to -30° C.
- Trough drinker has an inclined and conical bottom and can be quickly drained through 2 large drainage holes (Ø 100 mm).
- For water level adjustment or for cleaning purposes the insulated float valve cover can easily be removed without tools
- A lateral large service aperture 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, see scheme below).

ACCESSORIES:

- Heating element Model 6074, 24 V, 180 W (Ref. 131.6074) **providing enhanced frost protection in the float valve area.** The Heating Element is equipped with a thermostat for overheat protection. This thermostat switches the heating off at 40° C.
- 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 (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 (Ref. 101.0861), or a 24 V, 30 W, 3 m (Ref. 101.1863) has to be used.
- Connection set 1" for water circuits (Ref. 131.6118). If additionally connected to **heating unit** an optimum of frost protection of the water line is reached! (see pages 28 – 31)
- Anti-bite protection plates (Ref. 131.6104), **indispensable for biting animals (cows or young animals with growing teeth).**

RECOMMENDED FOR:

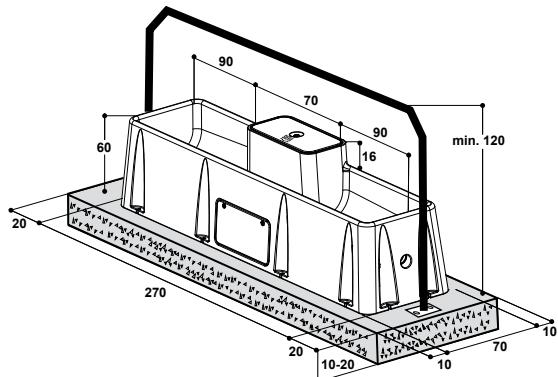
Dairy cows



131.6074



131.6118



Ref.	Type	Packing Hints
NEW! 130.6527	Thermo Trough Drinker Mod. 6527, 2,7 m	3 pieces/pallet
NEW! 131.6104	Anti-bite protection, set of 3 pieces, for Mod. 6527	1 set
NEW! 131.6074	Heating element Mod. 6074, 24 V, 180 W	1 piece
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
NEW! 131.6118	Connection set 1" for water circuits	1 piece/bag



SUEVIA

TROUGHS AND DRINKERS FOR FREE STALLS



SUEVIA Trough Drinker Model 5900

Wall fixation

Ground fixation

Ref. 130.5900

Ref. 130.5910

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

ACCESSORIES:

- **Protection bracket** (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** (Ref. 131.6063), for installation into the trough, serves as frost protection (transformer necessary, see p. 26)

RECOMMENDED FOR:

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



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

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

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

Frost Protection Options:



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



Frost protection
heating cable
wrapped around
the valve



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



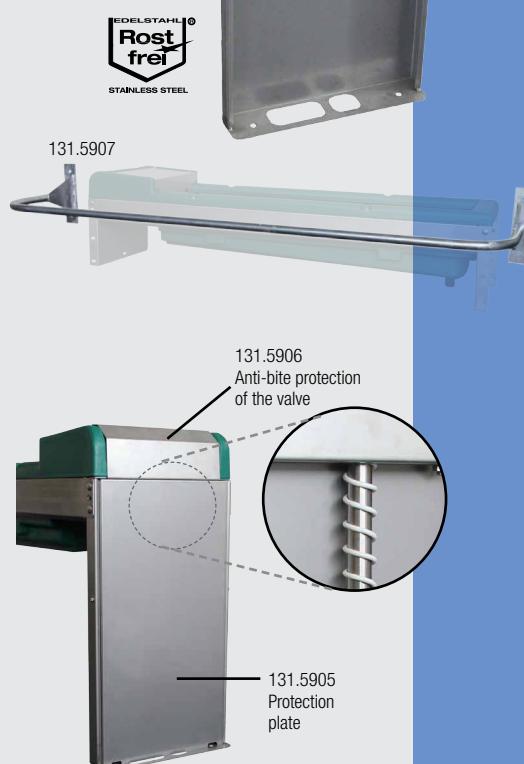
Heated option,
connection to water
circuit
with frost protection
heating cable wrapped
around the valve



130.5900
for wall fixation



130.5910
for ground fixation



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

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



PASTURE TROUGHS

Pasture Troughs

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!

Pasturing animals often show typical herd behaviour and go "en masse" to drink, that's why a 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 stable) 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.





Water Tank Drinker Model 98

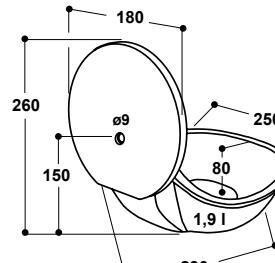
- Large aluminium bowl (\varnothing 230 mm) for direct attachment to water tanks, with flange
- Robust operating tongue in enamelled cast iron
- Robust **low pressure** brass valve
- **High water flow** enables quick drinking even at low water pressure
- Flange sealing included

RECOMMENDED FOR:

Cattle, horses

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

Ref. 100.0098



Flange sealing included



Water Tank Drinker Model 180P

Ref. 100.0180

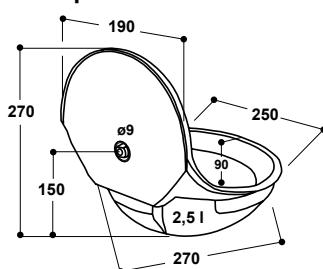
- Large bowl made of **high-density UV-resistant AQUATHAN plastic** for direct attachment to water tanks, with flange
- Free running valve tongue
- Robust **low pressure** brass valve
- **High water flow** enables quick drinking even at low water pressure
- Flange sealing included

RECOMMENDED FOR:

Cattle, horses

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

Ref. 100.0180



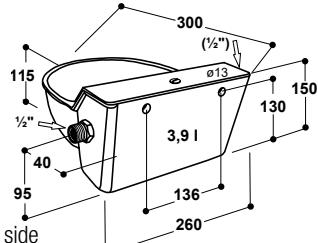
Flange sealing included



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

Ref. 100.0131

- Large bowl made of **high-quality plastic**
- With installed **low pressure float valve**
- For low water pressure **up to max. 1 bar**
- Removable cover in stainless steel
- No sharp edges, no risk of injury!
- With **plug** for quick drainage
- Constant water level – simple adjustment
- $\frac{1}{2}$ " brass male connection, from right or left hand side



102.0352

ACCESSORIES:

- **Elbow union** $\frac{1}{2}$ " x $\frac{1}{2}$ " f/f (Ref. 102.0352)
for connection of water line from top or bottom

RECOMMENDED FOR:

Calves, sheep, horses

Ref.	Type	Packing Hints
100.0131	Drinking bowl Mod. 130 P-N, low pressure	1 piece
102.0352	Elbow union with sealing, $\frac{1}{2}$ " female x $\frac{1}{2}$ " female	1 piece/bag



Water Tank 500 l (see p. 67)
with drinking bowl Mod. 130P-N





PASTURE TROUGHS



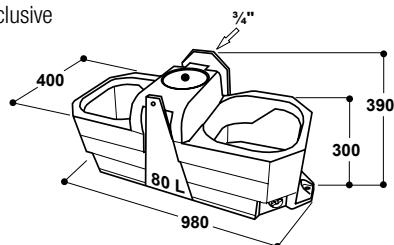
Double Water Tank Drinker Model FT80

Ref. 160.0280

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

RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep, goats



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



Drinking Bowl Model 8

Ideal for Water Tanks

Ref. 100.0008

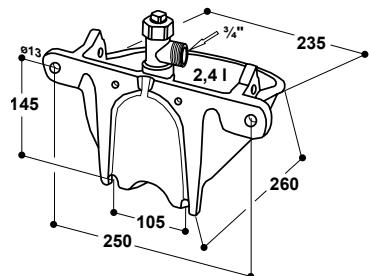
- Large drinking bowl made of **cast iron, with white enamelled interior**
- High water flow: up to 6 l/min at low pressure
- Simple water flow regulation possibility from outside
- Water flow can be completely shut off by means of a stirrup behind the tongue
- ¾" male connection from all sides (360°)**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



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





Trough for Free Stalls and Pasture

Model WT30

Ref. 160.0030

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

Ref. 160.0031

- Trough with float valve** made of premium **UV-resistant polyethylene** for wall fixation, contents 30 l (8 gallons)
- Integrated MAXIFLOW float valve providing a water flow of up to 40 l/min (11 gallons/min)
- ¾" female connection from the right. Connection from the left can be drilled on site.
- Easy access to float valve by service aperture
- With big hole for quick drainage
- Also with low pressure float valve** available: then suited for water pressure **max. 1 bar** (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).

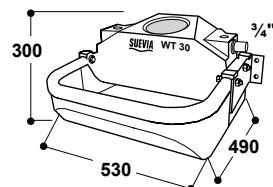
ACCESSORIES:

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

RECOMMENDED FOR:

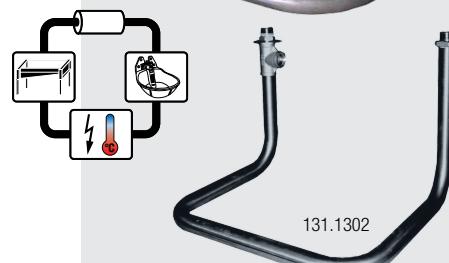
Cattle, dairy cows, calves, horses, sheep, goats

Ref.	Type	Packing Hints
160.0030	Trough for free stalls and pasture Mod. WT30	1 piece
160.0031	Trough for free stalls and pasture Mod. WT30-N	1 piece
131.1301	Protection bracket, galvanized, with fixing parts	1 piece
131.1302	Circuit pipe ¾", for WT30	1 piece



drainage plug for evacuation and cleaning of the trough

131.1301



131.1302



Drinker for Free Stalls and Pasture

Model WT80

Ref. 160.0102

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

Ref. 160.0106

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

ACCESSORIES:

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

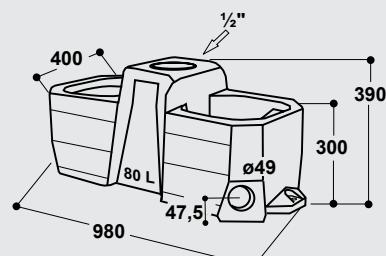
RECOMMENDED FOR:

Cattle, dairy cows, horses, sheep, goats

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



131.1340





PASTURE TROUGHS



WT200



WT400, WT600, WT1000



WT1500



Pasture Troughs

200 – 1500 liter

- Big volume pasture troughs for water supply of groups of animals on pasture
- Made of **high-quality UV-resistant polyethylene**
- Internally rolled rim, no water spillage
- Large drain hole ensures quick and easy drainage, as well as cleaning
- WT 200 and WT 400: with lateral fixing loops for better mounting on pasture
- WT 400 – WT 1500: Oval form enables more animals to drink simultaneously and even being loaded on transporters
- For automatic filling: subsequent installation of **membrane float valve** (Ref. 131.0671 or 131.0800) or **low pressure float valve** (order Ref. 131.0675)! In case of WT1500 also **MAXIFLOW float valve** (Ref. 131.0700) or **low pressure float valve Model 738** (Ref. 131.0738) possible.
- For detailed information about float valves see p. 70

Available sizes:

Model	Ref.	Contents [l]	Dimensions approx. (l x w x h)	Accessories: Float Valves
WT 200	160.0103	200	153 x 54 x 46 cm	131.0671, 131.0674, 131.0675, 131.0800
WT 400	160.0104	400	125 x 82 x 63 cm	
WT 600	160.0100	600	140 x 100 x 63 cm	
WT 1000	160.0101	1000	180 x 120 x 63 cm	
WT 1500	160.0105	1500	220 x 160 x 65 cm	

RECOMMENDED FOR:

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

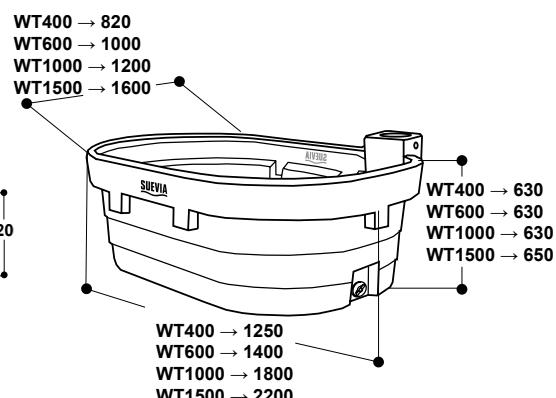
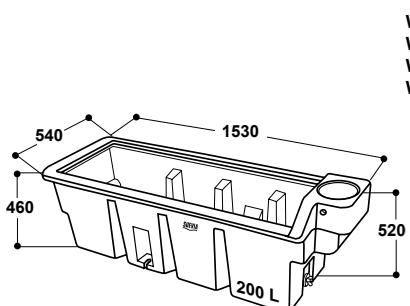
Ref.	Type	Packing Hints
160.0103	Pasture trough WT200	1 piece
160.0104	Pasture trough WT400	1 piece
160.0100	Pasture trough WT600	1 piece
160.0101	Pasture trough WT1000	1 piece
160.0105	Pasture trough WT1500	1 piece
131.0671	Membrane float valve Mod. 671	1 piece
131.0800	Membrane float valve EASYFLOW, Mod. 800	1 piece
131.0674	Float valve Mod. 674	1 piece
131.0675	Low pressure float valve Mod. 675	1 piece
131.0700	MAXIFLOW float valve Mod. 700	1 piece
131.0738	Low pressure float valve Mod. 738	1 piece

NEW!

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

WT400 → 630
WT600 → 630
WT1000 → 630
WT1500 → 650

WT400 → 1250
WT600 → 1400
WT1000 → 1800
WT1500 → 2200





SUEVIA

PASTURE TROUGHS

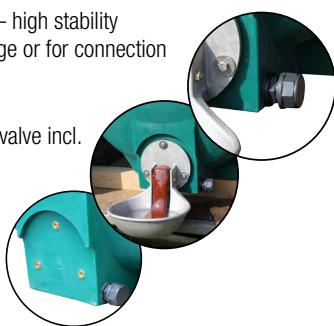
Water Tank 500 l

Water Tank 1300 l

Ref. 160.0305

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 l: dimensions (h x w x d) 91 x 80 x 120 cm
- Contents 1300 l: dimensions (h x w x d) 131 x 120 x 130 cm



ACCESSORIES:

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

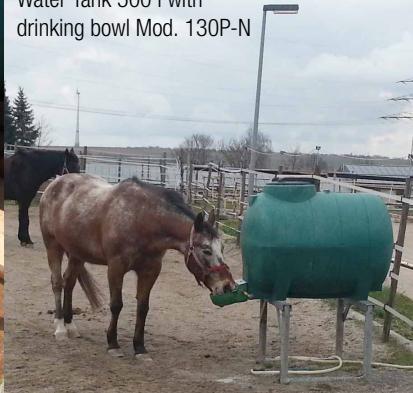
Ref.	Type	Packing Hints
160.0305	Water Tank 500 l	1 piece
160.0310	Water Tank 1300 l	1 piece

Water Tank 500 l with drinking bowl Mod. 98

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



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



Connection Kit for IBC Container

Ref. 103.2020

Kit for easy connection of SUEVIA drinking bowl to an IBC container consisting of:
reduction piece S 60 x 6 reduced to ¾" female thread, 70 cm ¼" male/female armoured hose, reduction piece straight ¾" male to ½" female.

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

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

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

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





PASTURE PUMPS

NEW!





SUEVIA

PASTURE PUMPS

Frost-free diaphragm pasture pumps

Model 552-WINTERPROOF

Ref. 100.0552

Model 553-WINTERPROOF-JUNIOR

Ref. 100.0553

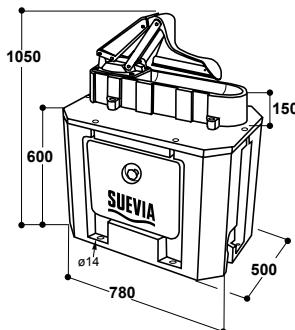
- Diaphragm pasture pump with double-walled and very well insulated mounting socle ensuring a frost-free water supply on pasture
- For heating of the bowl, a paraffin heating element, available on demand (Order Ref. 101.0550) can be installed inside
- Large service aperture, which can be opened without 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** (101.0550), capacity approx. 1.7 l, continuous burning up to 5 days

RECOMMENDED FOR:

Cattle, calves, horses



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

ACCESSORIES FOR ALL PASTURE PUMPS:

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



101.0557



101.0558



101.0542

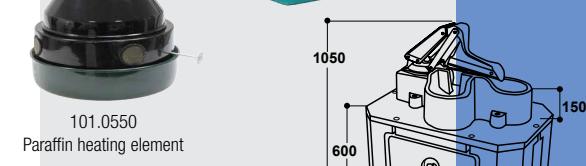


101.0543

**FROST-FREE ON PASTURE
WITHOUT ELECTRICITY**



100.0552 WINTERPROOF



101.0550
Paraffin heating element



100.0553
WINTERPROOF-JUNIOR



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





FLOAT VALVES

pressure conversion		
1 bar	14,5 psi	0,1 MPa
2 bar	29,0 psi	0,2 MPa
3 bar	43,5 psi	0,3 MPa
4 bar	58,0 psi	0,4 MPa
5 bar	72,5 psi	0,5 MPa



131.0671
1-5 bar



131.0800 **1-5 bar**



131.0674 **1-4 bar** 131.0675 **0-1 bar**

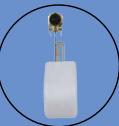


131.0700 **1-5 bar** 131.0738 **0-1 bar**



131.0723 **1-5 bar** 131.0739 **0-1 bar**

NEW!

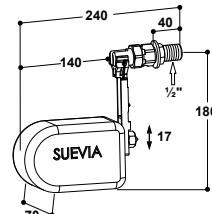


Membrane Float Valve Model 671

for **1-5 bar**

Ref. 131.0671

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

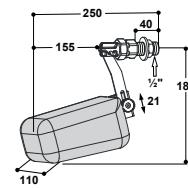


Membrane Float Valve EASYFLOW

for **1-5 bar**

Ref. 131.0800

- For installation into troughs and tanks
- Water flow up to **35 l/min (9 gallons/min)**
- ½" male connection
- For water pressure up to **max. 5 bar**
- Suited for all SUEVIA pasture troughs WT200 – WT1500

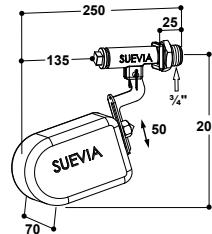


Float Valve

for **1-4 bar** 131.0674

for **max. 1 bar** 131.0675

- ¾" male connection
- With stainless steel nozzle!
- 131.0674: for high water pressure **from 1 to max. 4 bar**
- 131.0675: for low water pressure **up to max. 1 bar**
- Suited for all SUEVIA pasture troughs WT200 – WT1500 and WT80

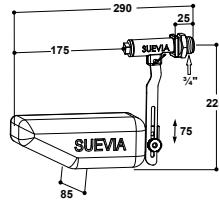


Float Valve MAXIFLOW

for **1-5 bar** 131.0700

for **max. 1 bar** 131.0738

- For installation into troughs and tanks
- ¾" male connection
- With stainless steel nozzle!
- 131.0700: High-performance float valve, **for max. 5 bar** water flow **up to 40 l/min (11 gallons/min)**
- 131.0738: for water pressure up to **max. 1 bar**

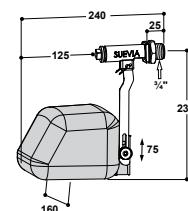


Float Valve MASTERFLOW

for **1-5 bar** 131.0723

for **max. 1 bar** 131.0739

- For installation into troughs and tanks
- ¾" male connection
- With stainless steel nozzle!
- 131.0723: High-capacity float valve **Model 723**, for water pressure up to 5 bar, water flow up to **40 l/min (11 gallons/min)**
- 131.0739: Low pressure valve **Model 739 up to max. 1 bar**



Ref.	Type	Packing Hints
131.0671	Membrane float valve Mod. 671	1 piece
131.0800	Membrane float valve EASYFLOW, Mod. 800	1 piece
131.0674	Float valve Mod. 674	1 piece
131.0675	Low pressure float valve Mod. 675	1 piece
131.0700	MAXIFLOW float valve Mod. 700	1 piece
131.0738	Low pressure float valve Mod. 738	1 piece
131.0723	MASTERFLOW float valve Mod. 723	1 piece
131.0739	MASTERFLOW float valve Mod. 739, for low pressure	1 piece



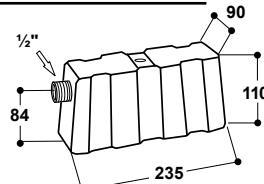
SUEVIA

FLOAT VALVES

Float Valve Model 509

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

Ref. 131.0509



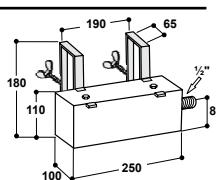
ACCESSORIES:

- Fixing bracket (Ref. 131.0506)

High-Performance Float Valve Model 513

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

Ref. 131.0513



High-Performance MAXIFLOW Float Valve

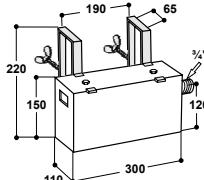
for high water pressure (1-5 bar): Model 874

for low water pressure (max. 1 bar): Model 475

Ref. 131.0874

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



Filling Valve Model 717

Ref. 131.0717

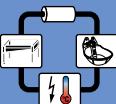
- Foreseen to fill water tanks: guarantees a minimum water level at the tank's bottom
- SUEVIA Filling Valve Model 717 is used in those drinking systems, which provide water through a storage tank. In this tank a pre-warmed water from milk cooling is collected after milking, in order to give it to the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

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





ACCESSORIES FOR DRINKING BOWLS



**STAINLESS STEEL
CONNECTION PIPES p. 116**



Circuit Pipe for Drinking Bowls

Ref. 103.2005

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

Ref.	Type	Packing Hints
103.2005	Circuit pipe stainless steel $\frac{3}{4}$ ", for drinking bowls	1 piece

Circuit Pipes for Trough Drinkers

Ref. 103.2006

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

Ref.	Type	Packing Hints
103.2006	Circuit pipe stainless steel $\frac{3}{4}$ ", for troughs Mod. 500, 520, 600, 620	1 piece

FITTINGS p. 124





SUEVIA

FEEDER AND CLEANING BATHS

Triangular Feeder Model 210

Rectangular Feeder Model 211

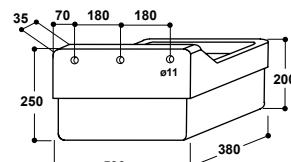
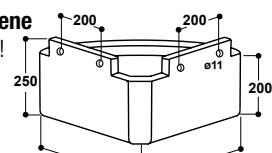
- Trough made of premium quality **UV-resistant polyethylene**
- Smoothly moulded edges – no risk of injury for the animal!
- Anti-waste rim prevents spillage
- Equipped with drainage plug for better cleaning
- Model 210 triangular feeder (Ref. 160.0210) contents 22 l
- Model 211 rectangular feeder (Order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

RECOMMENDED FOR:

Calves, horses

Ref. 160.0210

Ref. 160.0211



Semicircle Feeder Model 212

Ref. 160.0212

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

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

Disinfection Bath for Boots SD80

Ref. 160.1086

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

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



Cleaning Bath for Cattle

KB200, 2,0 m

KB280, 2,8 m

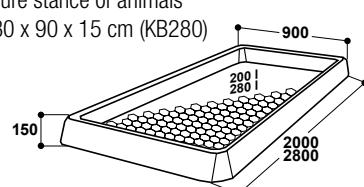
Ref. 160.0160

Ref. 160.0161

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

RECOMMENDED FOR:

Cattle, dairy cows, sheep



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

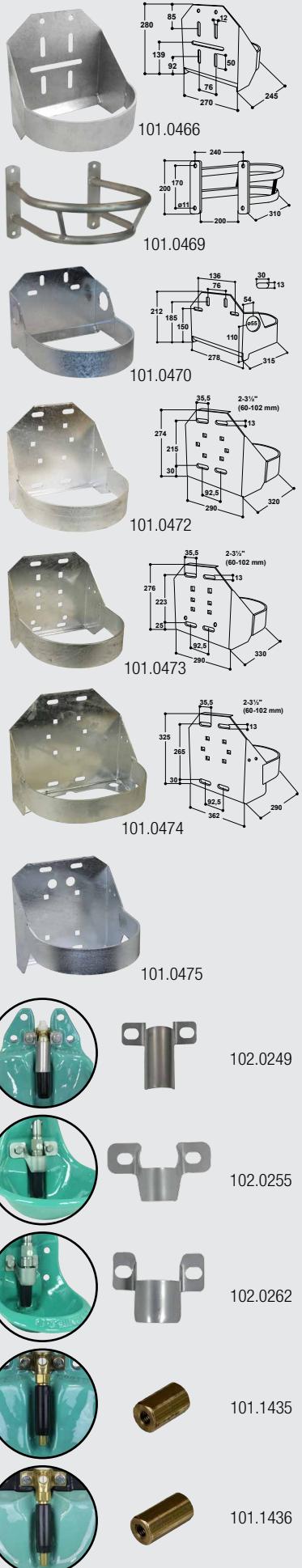


2,8 m!





ACCESSORIES FOR DRINKING BOWLS



Protections for Drinking Bowls

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

Ref.	Suited for
101.0466	Model 10P and 20 for wall and pipe fixation 1½" - 2" (48 - 60mm)
101.0469	Model 10P, 20, 12P, 25R, 46, 115, 1100 and 1200 only for wall fixation. For horses.
101.0470	Model 130P, 340, RUB for wall and pipe fixation (1½" - 2")
101.0472	Model 12P and 25R for wall and pipe fixation 2" - 3½" (60 - 102 mm)
101.0473	Model 115 and 1200 for wall and pipe fixation 2" - 3½" (60 - 102 mm)
101.0474	Mod. 19R for wall and pipe fixation 2" - 3½" (60 - 102 mm)
101.0475	Mod. 1220 for wall and pipe fixation 2" - 3½" (60 - 102 mm)

NEW!

Advantages of new protections Mod. 472, 473, 474 and 475:

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

Pictures with accessories:

Mod. 25R



Mod. 19R



Ref.	Type	Packing Hints
101.0466	Protection bracket for Mod. 10P, 20	1 piece
101.0469	Protection bracket for Mod. 10P, 20, 12P, 25R, 46, 115, 1100 und 1200	2 pieces/box
101.0470	Protection bracket for Mod. 130P, 340, RUB, RUC	1 piece
101.0472	Protection bracket for Mod. 12P, 25R	1 piece
101.0473	Protection bracket for Mod. 115, 1200	1 piece
101.0474	Protection bracket for Mod. 19R	1 piece
101.0475	Protection bracket for Mod. 1220	1 piece
131.0169	Fixing bracket M12 1½" - 2", galvanized	1 piece/bag
101.1241	Bracket galv. for 2½" / 77 mm, with nuts and washers	1 piece/bag
101.1242	Bracket galv. for 3½" / 102 mm, with nuts and washers	1 piece/bag
102.0249	Valve protection, for Mod. 25R, 12P, 18P, 46, 375, 1200, 1200P	1 piece
102.0255	Valve Protection, for Mod. 20	1 piece
102.0262	Valve Protection, for Mod. 370	1 piece
101.1435	Valve Extension, for Mod. 25R, for cattle with nose-rings	1 piece
101.1436	Valve Extension, for Mod. 46, for cattle with nose-rings	1 piece

NEW!

EDELSTAHL®
Rostfrei
STAINLESS STEEL



SUEVIA

ACCESSORIES FOR CATTLE DRINKING BOWLS

Adapter Plate for 2½" – 3½" Pipes

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

ACCESSORIES:

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

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



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



101.1486 101.1487 101.1488

Mounting Brackets, galvanized

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

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

Corner plate

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

Ref.	Type	Packing Hints
101.1490	Corner plate	1 piece



101.1490

Lick Stone Holder, Stainless Steel

Ref. 101.0965

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

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



EDELSTAHL
Rost-frei
STAINLESS STEEL

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

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





CALF HUTS



**NEW
MINI +
CAGE!**

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



Calf Hut MINI

NEW!

AVAILABLE
FROM
SUMMER 2021

130.1403

NEW!

131.1435

MINI with hot-galvanized cage



**NEW
CAGE!**

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



Calf Hut MIDI

130.1502

NEW!

131.1435

MIDI with hot-galvanized cage



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



Calf Hut MAXI

130.1602

131.1633

MAXI with hot-galvanized cage



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



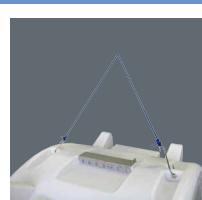
Additional fresh air:
adjustable ventilation
in the roof (MIDI + MAXI)



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



Cage MAXI is equipped
with two lugs for ease of
transportation.



SUEVIA

CALF HUTS

Cage 131.1435 for MINI + MIDI

- Galvanized cage, easy handling, **length approx. 145 cm**
- Cage for MINI + MIDI: contains of 2 sideparts and door with 2 openings, optional: bucket bracket and calf bucket holder (accessories see p. 78)
- Inclusive all connection parts and screws.



Door can be opened with one hand
and gets closed with an easy push!



accessories see p. 78



Functional cage, with big tires, easy moving around!
Optional with a towing bar (131.1437)

PG 2

Ref.	Type	Packing Hints
NEW! 130.1403	Calf hut MINI, opaque	1 piece
130.1502	Calf hut MIDI, opaque	1 piece
130.1602	Calf hut MAXI, opaque	1 piece
NEW! 131.1435	Cage for calf hut MINI and MIDI, hot-galvanized, incl. 2 side parts with wheels, front door with two openings	1 piece
NEW! 131.1437	Towing bar for 131.1435	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

ACCESSORIES:



Stackable for despatch!

Depending on truck or container size:

- Iglu MINI: max. 10 pcs./pallet
- Iglu MIDI: max. 8 pcs./pallet
- Iglu MAXI: max. 8 pcs./pallet



Can be easily cleaned with calf in the calf hut:
the calf can be looked in the calf hut due to
the displaceable front door!



131.1416 Front door with 2 openings
for 2 buckets, hot-galvanized. If the calf is
raised in the calf hut without a cage.





CALF HUTS

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

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.



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



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





SUEVIA

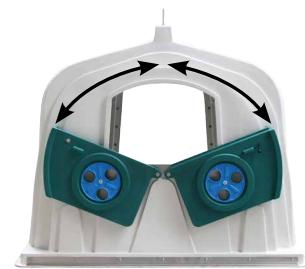
CALF HUTS



SUEVIA Calf hut for 5 calves

- Calf hut for a group of 5 calves made of **premium quality polyethylene**, weather-proof and of course **UV-resistant**
- Calves rest in a dry and protected place, protected by wind and weather.
- In case of very high temperatures the calves are protected inside from direct sunlight and find a very comfortable interior resting area both in summer and winter time.
- Thanks to the position of the ventilation system, the air exchange can be adjusted to every weather condition.
- The smooth surface is easy to clean!
- Rotomoulded, thus being insusceptible to shocks, it does not break easily in comparison with calf huts made of GFK
- A stainless steel threshold and sideways reinforcement L-profiles reinforce the calf hut: built to last for years!
- Large rotating loop can be easily reached from all sides for calf hut transportation.

Breeding your calves in a SUEVIA calf hut offers your calves ideal conditions for a quick and healthy growth!



Rear window with integrated ventilation.
When opening both parts of the window an increased air exchange can be reached.

Large rotating loop can be easily reached from all sides for calf hut transportation



Easy to refill straw through the rear window





CALF HUTS



NEW!

Solid hot-galvanized cage

- Front feeding gate with single and group headlock device
- Entrance door with reinforced frame, which offers high stability even when opened
- Extensive available accessories makes individual adaptation to your farm processes possible!



Calves can be blocked in the hut with the lateral part of the cage



Drinking bowl Mod. 375-VA $\frac{3}{4}$ " with fixation for fence (131.1768). Little hollow, which acts as a water supply behind the valve, encourages animal learning!



Door can be opened with one hand and gets closed with an easy push!

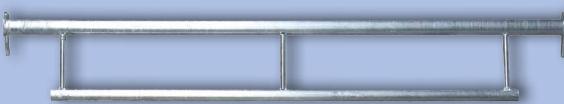
Ref.	Type	PG 2	Packing Hints
130.1742	Calf hut for 5 calves, incl. 2 large swing wings at the back, reinforced with stainless steel, rotatable loop Dimensions outside: (L x W x H) 243 x 226 x 180 cm Dimensions inside: (L x W x H) 220 x 208 x 173 cm; passage height 147 cm		1 piece
131.1761	Cage for calf hut for 5 calves: front feeding gate with single and group headlock device; one side with 3 openings for optional holder for 1 m feeding trough; one side with door		1 piece
131.1762	Holder for 5 bucket drinkers (can be tilted upwards and locked)		1 piece
300.0013	Calf bucket drinker, 8 l		1 piece
300.0049	Lid for calf bucket drinker, flat side, 8 l		1 piece
131.1763	Holder for one feeding trough 2 m (or 2 feeding troughs 1 m)		1 piece
131.1764	Feeding trough 2 m (suitable for holder 131.1763)		1 piece
131.1765	Feeding trough 1 m (1 or 2 pcs suitable for holder 131.1763, or 1 pc for holder 131.1766)		1 piece
131.1766	Holder for one feeding trough 1 m		1 piece
131.1767	Holder for 5 pcs 15 l buckets		1 piece
131.1768	Fixation for Mod. 375, galvanized, with screws		1 piece
300.0045	Bucket 15 l, green		1 piece
100.3753	Drinking bowl Mod. 375-MS $\frac{3}{4}$ ", brass valve		1 piece/box
100.3759	Drinking bowl Mod. 375-VA $\frac{3}{4}$ ", stainless steel valve		1 piece/box



SUEVIA

CALF HUTS

ACCESSORIES:



131.1763 Holder for one feeding trough 2 m
(or 2 feeding troughs 1 m)



131.1764 Feeding trough 2 m (suitable for holder 131.1763)



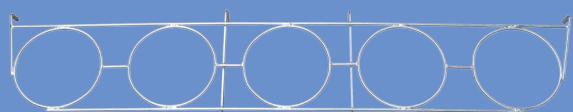
131.1765 Feeding trough 1 m (1 or 2 pcs suitable for holder
131.1763)



131.1762 Holder for 5 bucket drinkers (can be tilted upwards and locked)



300.0013 Calf bucket drinker, flat side, 8 l
300.0049 Lid for calf bucket drinker, flat side, 8 l



131.1767 Holder for 5 pcs 15 l buckets



300.0045 Bucket 15 l, green



131.1766 Holder for one feeding trough 1 m

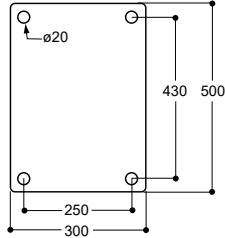


131.1765 Feeding trough 1 m, sideways (on 131.1766 Holder for
one feeding trough 1 m is necessary)





COW BRUSHES



SUEVIA Cow Brushes

Clean, healthy and safe!

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

Brush TWISTER

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

**PG
2**

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





SUEVIA

COW BRUSHES

Pat.

Cow Brush EASYCLEANER

Ref. 130.5011

Brush EASYCLEANER MINI for calves and goats

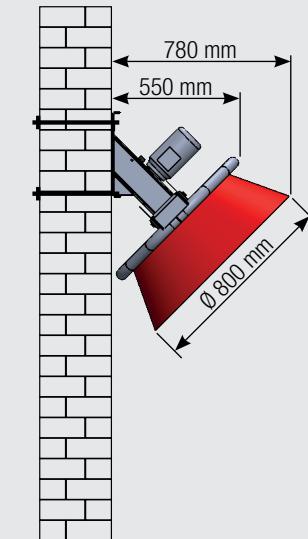
Ref. 130.5015

- Brush disc is placed in an inclined position. The extensive brushing surface and the rotating brushing movement provide a steady massage of the head and back section as well as big parts of the flanks and offer the cows a maximum cow comfort
- Suitable for animals of different size due to inclined mounting, no height adjustment necessary
- Bristles made of a very solid and special plastic
- Solid, space-saving construction
- Actuation via maintenance-free and heavy-duty gear with gear wheels made of hardened steel
- Easy start of actuation by touching the brush
- Change of direction of rotation of bristles each time when the brush is operated, ensuring an even use of bristles. Operating time approx. 2 min.
- **Resistance reverse mechanism adjustable.** In case of an overload situation e.g. wound up tail, the EASYCLEANER stops automatically and changes direction of rotation
- For indoor use. Easy installation on a wall or on a post
- **EASYCLEANER for 60 cows, EASYCLEANER MINI 80 for calves and goats.**

Technical Data:

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

compact design,
also for narrow spaces!
graphic shows EASYCLEANER



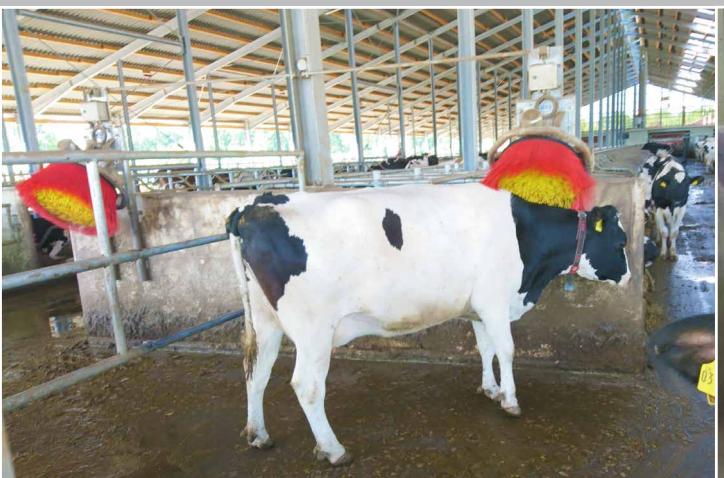
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2

Ref.	Type	Packing Hints
130.5011	Cow brush EASYCLEANER, 230 V, 50 Hz	2 pieces/pallet
130.5015	Brush EASYCLEANER MINI for calves and goats, 230 V, 50 Hz	2 pieces/pallet





COW BRUSHES





SUEVIA

COW BRUSHES



Cow brush KRAZZMAXX IV

Ref. 130.5010

- Anatomically formed brush, Bristles made of a very solid and special plastic
- For up to 100 cows. In order that every cow has enough time for brushing and wellness, the ideal cow quantity is 60 cows.
- Actuation via maintenance-free and **heavy-duty gear with gear wheels made of hardened steel. MADE IN GERMANY.**
- Splash-water-protected and dust-proof motor. An integrated frequency converter **saves up to 35% of energy** compared to conventional motors with same brush power.
- Suitable for animals of different size due to pendulum mounting height range ~25 cm)
- KRAZZMAXX IV **starts automatically**, as soon as a cow scrubs at the brush. No switch or lifting needed any more. Rotates as long as a cow gets brushed. The brush continues to rotate further 20 s after the cow's brushing. With every start the brush rotates in the opposite direction, for an even bristle wear.
- Resistance reverse mechanism:** In case of an overload situation e.g. wound up tail, the KRAZZMAXX stops automatically and changes direction of rotation
- Brush ready-for-connection, for indoor and outdoor use (in a yard under a small shelter).

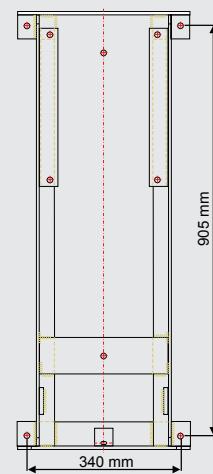
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Ref.	Type	Packing Hints
130.5010	Cowbrush KRAZZMAXX IV, 230 V, 50/60 Hz	2 pieces/pallet 68 pieces/truck

NEW: ENERGY-SAVING + WITHOUT SWITCH

Technical data:

Ref.	130.5010
Electric motor	230 V, 50/60 Hz
Motor capacity	250 W
Protection	IP54
Revolutions of bristle	45 U/min
Dimensions (H x W x D)	1150 x 400 x 1085 mm
Weight	124 kg





DRINKING BOWLS FOR SHEEP AND GOATS

Drinking Bowls for Sheep and Goats

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

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

When using our drinking bowls for sheep and goats, we would draw special attention to our drinking bowl **Model 370 and Model 375 with drink inducer**. In order to guarantee that young stock is brought up in a healthy manner, it is necessary that they learn to drink enough water independently at an early stage. Therefore on Model 370 and Model 375 we have located a small **hollow** behind the tube valve, which encourages animal learning. 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 **Model 125, 127K, 130P, 340 or 350** are used. In all of these cases the animal does not need to operate a mechanism to access water.

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, 46, 127K-H, 130P-H and **ISO-Drinker** Model 6620 (each with installed heating), **Thermo Source Drinkers, which do not require electricity**, or **stainless steel troughs** which can be kept frost-free with a heating element or can be integrated into a water circuit.

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.





SUEVIA

DRINKING BOWLS FOR SHEEP AND GOATS

Drinking Bowl with Drink Inducer

Model 370 with ½" brass valve

Ref. 100.0370

Model 370 with ½" stainless steel valve

Ref. 100.0379

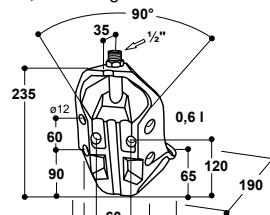
- Bowl made of **cast iron, completely enamelled**, easy to clean
- Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- Little hollow**, which acts as a water supply behind the valve, encourages animal learning
- Calm water flow through tube valve
- ½" 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** (Ref. 131.0152)
- Height regulation without tools in stainless steel** (Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR: Sheep, goats, calves, dogs

Ref.	Type	Packing Hints
100.0370	Drinking bowl Mod. 370-MS½", brass valve	1 piece/box
100.0379	Drinking bowl Mod. 370-VA½", stainless steel valve	1 piece/box
131.0152	Fixing bracket M10 1" – 1½", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece



also with ½" stainless steel valve



INSIDER TIP!

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

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

Drinking Bowl with Drink Inducer

Model 375 with ¾" brass valve

Ref. 100.3753

Model 375 with ¾" stainless steel valve

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
- Little hollow**, which acts as a water supply behind the valve, encourages animal learning
- Calm water flow through tube valve
- ¾" female connection from top and bottom: **suited for installation into water circuits!**
- Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes

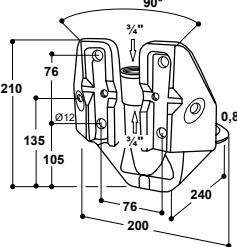
ACCESSORIES:

- 2 fixing brackets** (Ref. 131.0169), for fixation on 1" – 1½" pipes
- Connection set for ¾" water circuits** (Ref. 103.1983), made of stainless steel, for easy installation into water circuits
- Height regulation without tools in stainless steel** (Ref. 101.0433) adjustable height range 50 cm, in 10 cm-steps

RECOMMENDED FOR:

Calves, sheep, goats, dogs

Ref.	Type	Packing Hints
100.3753	Drinking bowl Mod. 375-MS¾"	1 piece/box
100.3759	Drinking bowl Mod. 375-VA¾"	1 piece/box
131.0169	Fixing bracket M12 1½" – 2", galvanized	1 piece/bag
101.0433	Height regulation without tools, in stainless steel	1 piece
102.1127	Connection pipe stainless steel ¾", 19 cm, straight, m, m	1 piece
103.1983	Connection set for ¾" water circuits	1 piece/bag

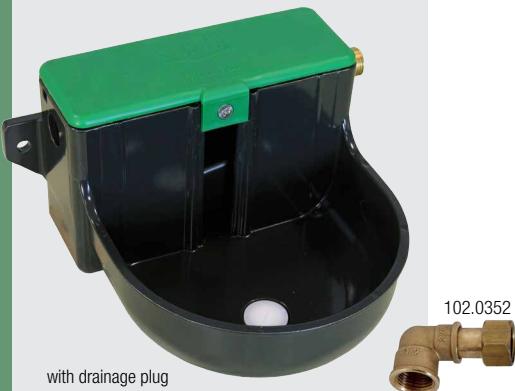


also with ¾" stainless steel valve





DRINKING BOWLS FOR SHEEP AND GOATS



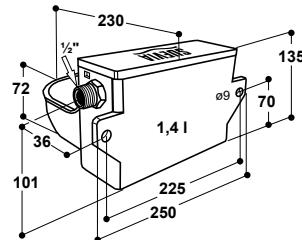
Drinking Bowl with Float Valve Model 125 (aluminium, plastic-coated)

Ref. 100.1250

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

ACCESSORIES:

- Elbow union ½" x ½" f/f** (102.0352)



RECOMMENDED FOR: Sheep, goats, dogs, calves, domestic animals

NEW! AVAILABLE FROM SUMMER 2021



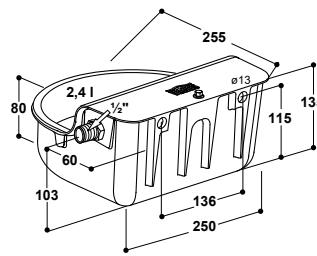
Drinking Bowl with Float Valve, MINICUP Model 127K (cast iron, plastic-coated)

Ref. 100.1270

- Bowl made of **cast iron, plastic-coated**
- With float valve up to 5 bar
- Removable cover in stainless steel
- Constant water level – simple adjustment
- With **push-out-plug for easy drainage!**
- ½" male connection from right or left hand side

ACCESSORIES:

- Elbow union ½" x ½" f/f** (102.0352)
- Height regulation** (101.0433)



RECOMMENDED FOR: Sheep, goats, calves, dogs, pets

AVAILABLE ALSO WITH
HEATING » p. 17



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

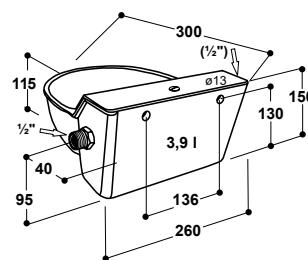
Ref. 100.0130

Ref. 100.0131

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

ACCESSORIES:

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



RECOMMENDED FOR: Sheep, calves, horses, dogs





SUEVIA

DRINKING BOWLS FOR SHEEP AND GOATS



Drinking Bowl with Float Valve

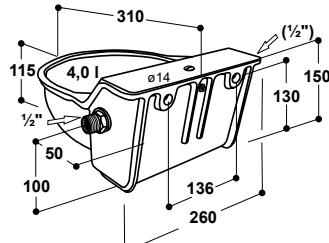
Model 340 (cast iron, enamelled) for max. 5 bar

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

ACCESSORIES:

- **Elbow union $\frac{1}{2}$ " x $\frac{1}{2}$ " f/f** (102.0352)
- **Height regulation** (101.0433)



102.0352

Drinking Bowl with Float Valve

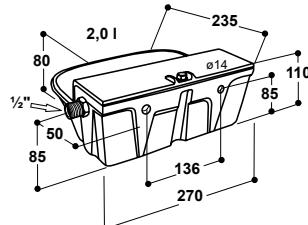
Model 350 (cast iron, enamelled inside) 5 bar

Ref. 100.0350

- Large bowl made of **cast iron, white enamelled inside**
- Float valve allowing quick water flow
- Removable cover
- No sharp edges, no risk of injury!
- Constant water level – simple adjustment
- $\frac{1}{2}$ " male connection, from right hand side

ACCESSORIES:

- **Elbow union $\frac{1}{2}$ " x $\frac{1}{2}$ " f/f** (102.0352)
- **Height regulation** (101.0433)



102.0352

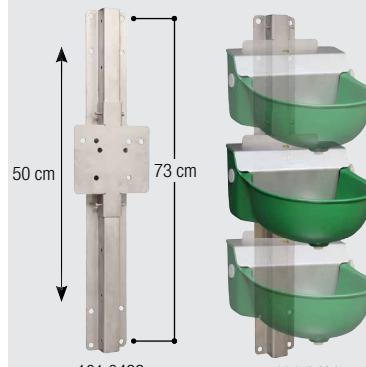
RECOMMENDED FOR: Sheep, goats, dogs

Height regulation without tools in stainless steel

Ref. 101.0433

• Completely made of stainless steel

- Length 75 cm, adjustable height range 50 cm, in 10 cm-steps
- Enables to adjust the height of drinking bowls **without tools**
- For drinking bowls Model 127K, 130P, 130P-N, 340, 350, 370, 375
- Connection to water line by means of a flexible tube



101.0433

101.0433

Height regulation with Mod.130P

Ref.	Type	Packing Hints
100.1250	Drinking bowl Mod. 125	1 piece/box
100.1270	Drinking bowl MINICUP, Mod. 127K	1 piece
100.0130	Drinking bowl Mod. 130 P	1 piece
100.0131	Drinking bowl Mod. 130 P-N	1 piece
100.0340	Drinking bowl Mod. 340	1 piece/box
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, $\frac{1}{2}$ " female x $\frac{1}{2}$ " female	1 piece/bag

NEW!





DRINKING BOWLS FOR SHEEP AND GOATS



Troughs for Pasture

Model WT200 Ref. 160.0103

p. 62



Brush TWISTER for goats

- Free vertically swinging brush.
- delivered in single parts: brush, mounting bar and suspension arm
- Technical data see **p. 82**



INSIDER TIP!

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



Model WT80

Model WT80-N

Ref. 160.0102

Ref. 160.0106

Model WT30

Model WT30-N

Ref. 160.0030

Ref. 160.0031

p. 65



Water Tank 500 l

Ref. 160.0305

Water Tank 1300 l Ref. 160.0310

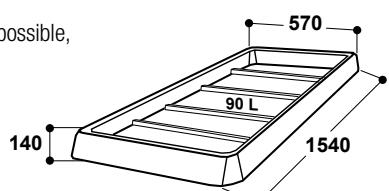
- Contents 500 l : dimensions (h x w x d) 91x80x120 cm
- Contents 1300 l : dimensions (h x w x d) 131x120x130 cm
- Technical data and accessories see **p. 67**



Cleaning Bath for Sheep KB150

Ref. 160.0150

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



RECOMMENDED FOR:

Sheep

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





SUEVIA

DRINKING BOWLS FOR SHEEP AND GOATS

Heated Drinkers

Model 46 with brass valve 1/2"

Ref. 100.0046

Model 46 with stainless steel valve 3/4"

Ref. 100.1469

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



p. 21

Valve Heating 24 V, 5 W
101.1405

Model 43A (80 W heating element)

Ref. 100.0043

Model 43A-SIBIRIA (180 W heating element)

Ref. 100.1044

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



p. 23



Drinking Bowl with installed heating

Model 130P-H

Ref. 100.1305



p. 17

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

Thermo Tube 400 mm

Ref. 101.0344

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



TRANSFORMERS, HEATING UNITS,
FROST PROTECTION HEATING CABLES
AND FURTHER ACCESSORIES » p. 26 – 31



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Frost-Protected Drinkers

Thermo Source Drinker

Model 850 with one drinking place

Ref. 130.0850

Model 860 with two drinking places

Ref. 130.0860

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

p. 33



- for 35 – 50 sheep / goats

- for 75 – 100 sheep / goats

ISO-Drinker with Float Valve, Two Drinking Places

Model 6620 (180 W, frost-free down to -20°C) Ref. 130.6620

Model 6620-SIBIRIA (380 W, down to -30°C) Ref. 130.6621

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

p. 55



Valve cover
can be opened
without use
of tools



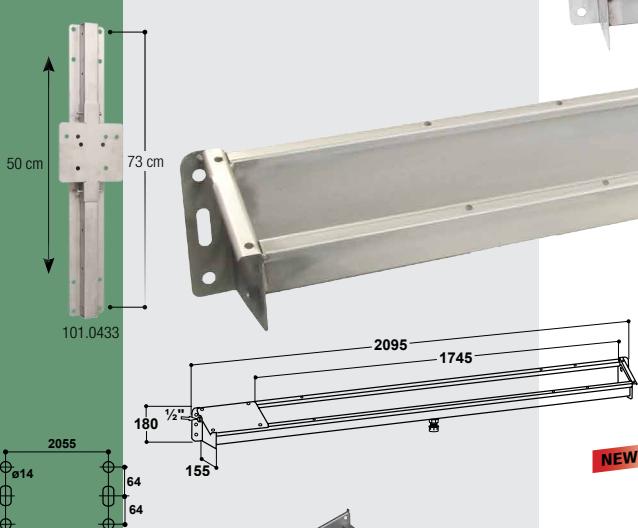
Drainage plug in
the bowl's bottom



Incl. armoured tube and frost
protection heating cable 24 V



DRINKING BOWLS FOR SHEEP AND GOATS



NEW!



130.6173 + 131.6045 + 131.6056

Trough in Stainless Steel for sheep and goats

- Trough for wall fixation
- Completely made of **stainless steel**
- For 50 – 80 sheep / goats
- **With float valve - constant water level**
- According to water pressure, water flow up to 5 l/min
- $\frac{1}{2}$ " lateral male connection, possible from left or right
- Integrated drainage hole for quick evacuation
- Contents 7/13 l (2/3,5 gallons)



ACCESSORIES:

- **Heating element 24 V, 180 W (131.6057)**
- **Height regulation without tools in stainless steel (101.0433, 2 pcs.)**
- **$\frac{3}{4}$ " circuit connection set (103.3010)**

RECOMMENDED FOR:

Sheep, goats



131.6057

Ref.	Type	Packing Hints
130.6153	Trough in stainless steel 1,2 m, for sheep and goats	1 piece
130.6155	Trough in stainless steel 2,1 m, for sheep and goats	1 piece
101.0433	Height regulation without tools, in stainless steel	1 piece
131.6057	Heating element with fixation, 24 V 180 W, for 130.615x	1 piece
103.3010	$\frac{3}{4}$ " circuit connection set for 130.615x	1 set/bag

Trough in Stainless Steel for sheep and goats

- Trough for wall fixation
- Completely made of **stainless steel**
- For up to 20 (130.6171), 50 (130.6173) or 100 sheep / goats (130.6175)
- With float valve - constant water level, water flow **up to 40 l/min**
- $\frac{3}{4}$ " lateral male connection on right side
- **Float valve cover can be pivoted upwards without use of tools**
- Integrated drainage hole Ø 60 mm for quick evacuation



ACCESSORIES:

- **Cover: protects the water when the stable is covered with straw**
- **Heating element 24 V, 180 W (131.6056)**
- **$\frac{3}{4}$ " circuit connection set (103.3008)**

RECOMMENDED FOR:

Sheep, goats

Ref.	Type	Packing Hints
130.6171	Trough in stainless steel 0,75 m	1 piece
131.6044	Cover for 130.6171, stainless steel	1 piece
130.6173	Trough in stainless steel 1,2 m	1 piece
131.6045	Cover for 130.6173, stainless steel	1 piece
130.6175	Trough in stainless steel 2,1 m	1 piece
131.6046	Cover for 130.6175, stainless steel	1 piece
131.6056	Heating element 24 V, 180 W, for 130.617x	1 piece
103.3008	$\frac{3}{4}$ " circuit connection set for 130.616x, 130.617x	1 set/bag



SUEVIA

DRINKING BOWLS FOR GOATS AND GEESE

Trough in Stainless Steel for geese

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

ACCESSORIES:

- **Heating element**, 24 V, 80 W (ref. 131.0524)
- **¾" circuit connection set** (103.3008)

RECOMMENDED FOR:

Geese



Ref.	Type	Packing Hints
130.6163	Trough for geese 1,2 m, stainless steel	1 piece
130.6165	Trough for geese 2,35 m, stainless steel	1 piece
131.0524	Heating element Mod. 524, 24 V, 80 W	1 piece
103.3008	¾" circuit connection set for 130.616x, 130.617x	1 set/bag

NEW!



Trough, narrow, in Stainless Steel for geese / goats

- Completely made of **stainless steel**
- With float valve - constant water level, water flow **up to 40 l/min**
- **Float valve cover can be pivoted upwards without use of tools**
- **¾" lateral male connection**
- For wall and ground fixation
- Integrated drainage hole Ø 60 mm for quick evacuation
- 15 cm water width, water depth 10 cm
- External dimensions: 1,2 m/2,35 m, contents 17/33 l

ACCESSORIES:

- **Heating element 24 V, 180 W** (131.6055)
- **¾" circuit connection set** (103.3008)

RECOMMENDED FOR:

Geese, goats



Ref.	Type	Packing Hints
130.6164	Trough, narrow, 1,2 m, stainless steel	1 piece
130.6166	Trough, narrow, 2,35 m, stainless steel	1 piece
131.6055	Heating element, 24 V, 180 W for 130.6164, 130.6166	1 piece
103.3008	¾" circuit connection set for 130.616x, 130.617x	1 set/bag

NEW!





DRINKING BOWLS FOR PIGS

Drinking Bowls for Pigs

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

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



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

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

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

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

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

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

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

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

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

Mentioning these installation heights it is the question of approximate values.

An individual adjustment has to be done according the type of animal and intended use of drinkers.



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

Suited for:



Pigs



Piglets

Symbols explanation:



Package unit:
2 pieces in blister



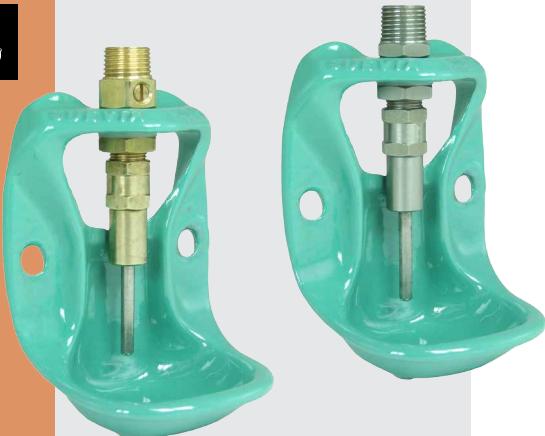
suited for installation into
a water circuit



Price group 2
Special conditions
are valid



DRINKING BOWLS FOR PIGLETS



Drinking Bowl Model 90

with brass valve

Ref. 100.0090

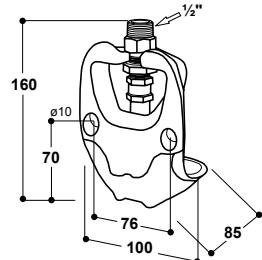
with stainless steel valve

Ref. 100.0909

- For suckling piglets up to 15 kg (33 lbs)
- Bowl made of **cast iron, completely enamelled**
- Smoothly running pin valve with **drip screw** to attract newborn piglets to drink (only in the version with brass valve)
- Water flow regulation by enlarging the nozzle boring
- $\frac{1}{2}$ " male connection from the top

RECOMMENDED FOR:

Piglets from birth up to 15 kg



INSIDER TIP!

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

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



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Rost frei
STAINLESS STEEL



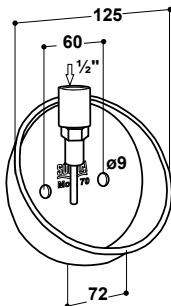
Drinking Bowl Model 70

Ref. 100.0709

- For piglets from birth up to 15 kg
- Completely made of **first-class stainless steel**
- Smoothly running pin valve made of stainless steel with **5 water flow adjustment possibilities**, which enables a quick and exact adjustment of water flow
- $\frac{1}{2}$ " female connection from the top

RECOMMENDED FOR:

Piglets from birth up to 15 kg



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





SUEVIA

DRINKING BOWLS FOR PIGLETS



Drinking Bowl Model 140P

with brass valve

with stainless steel valve

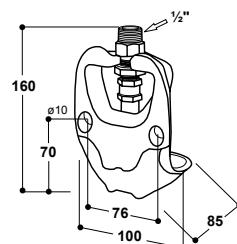
Ref. 100.0140

Ref. 100.0149

- For piglets from birth up to 15 kg
- Bowl made of robust **AQUATHAN** plastic
- Smoothly running pin valve with **drip screw** to attract newborn piglets to drink (only in the version with brass valve)
- Water flow regulation by enlarging the nozzle boring
- $\frac{1}{2}$ " male connection from the top

RECOMMENDED FOR:

Piglets from birth up to 15 kg



INSIDER TIP!

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

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

Medicator Model 99

Ref. 100.0099



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

ACCESSORIES:

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

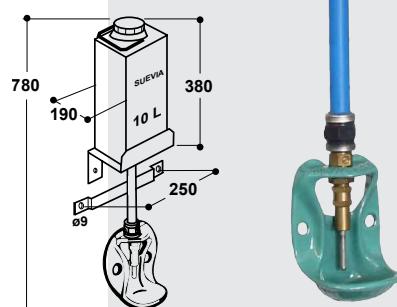
RECOMMENDED FOR:

Piglets from birth up to 15 kg

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



101.0333
Wall bracket





DRINKING BOWLS FOR PIGLETS



INSIDER TIP!

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



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Rost-frei
STAINLESS STEEL



100.0728



100.0727

Drinking Bowl Model 92R

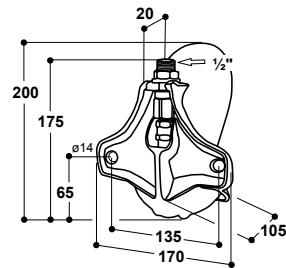
with stainless steel valve

Ref. 100.0929

- For piglets up to 35 kg
- Bowl made of **cast iron, completely enamelled**
- Smoothly running pin valve
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Hooded bowl design avoids fouling
- $\frac{1}{2}$ " male connection from the top

RECOMMENDED FOR:

Piglets



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

Drinking Bowl Model 72

Drinking Bowl Model 72U

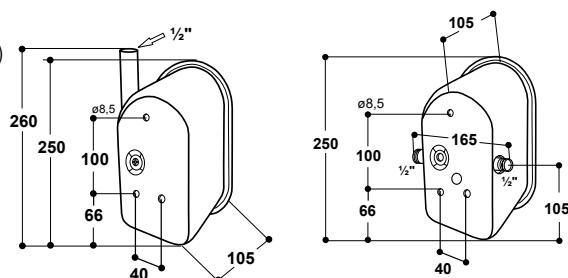
Ref. 100.0728

Ref. 100.0727

- For piglets up to 45 kg
- Made of **first-class stainless steel**
- Deep bowl and offset valve reduce water wastage to a minimum
- Hooded bowl design avoids fouling
- Smoothly running pin valve made of stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow
- Mod. 72: $\frac{1}{2}$ " female connection from the top
- Mod. 72U: Horizontal stainless steel pipe with $\frac{1}{2}$ " male connection for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312

RECOMMENDED FOR:

Weaners (piglets up to 45 kg)



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





SUEVIA

DRINKING BOWLS FOR PIGLETS



Drinking Bowl Model 170P

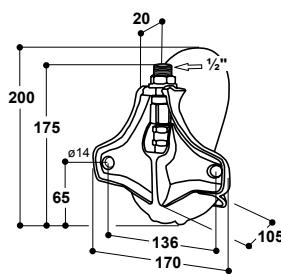
with stainless steel valve

Ref. 100.0179

- For piglets up to 25 kg
- Bowl made of robust **AQUATHAN plastic**
- Smoothly running pin valve
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Hooded bowl design avoids fouling
- $\frac{1}{2}$ " male connection from the top

RECOMMENDED FOR:

Piglets



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



Drinking Bowl Model 93

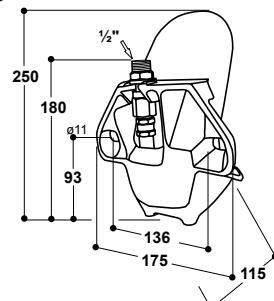
with stainless steel valve

Ref. 100.0939

- For weaners from 7 to 45 kg
- Large drinking bowl made of **cast iron, completely enamelled**
- Smoothly running and offset pin valve reduce water wastage to a minimum
- **Water flow continuously adjustable** from outside by means of a regulation screw
- Hooded bowl design avoids fouling
- $\frac{1}{2}$ " male connection from the top

RECOMMENDED FOR:

Weaners (piglets up to 45 kg)



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



INSIDER TIP!

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





TIP-OVER TROUGH FOR PIGLETS



Tip-Over Trough for Piglets

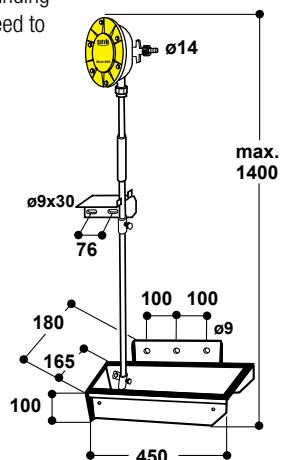
Model 899 with stainless steel trough

Ref. 130.0899

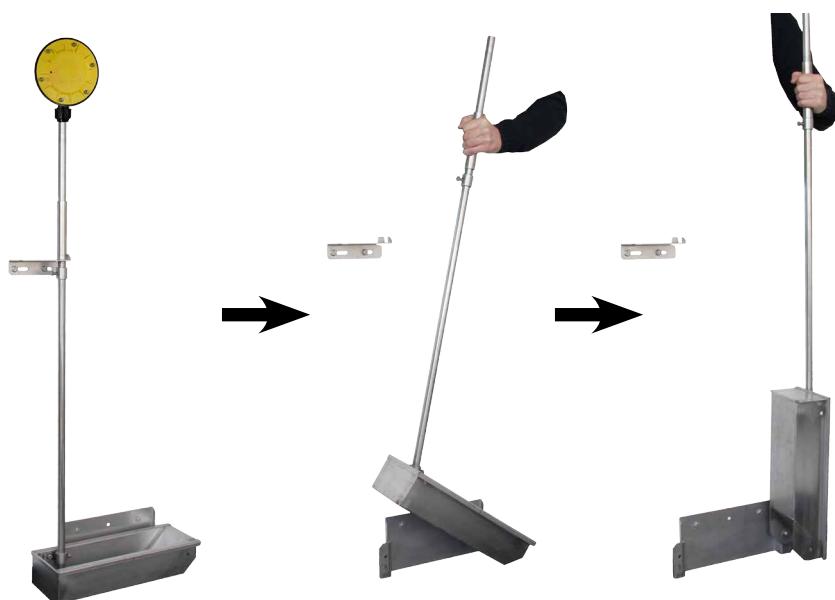
- Ideal for weaned piglets up to 35 kg
- Sufficient for 20 – 30 animals. When used in bigger groups we recommend this trough in addition to SUEVIA Drinking Bowls or SUEVIA Nipple Drinkers
- Inclusive SUEVIA Vacuum Valve Model 940 and trough, which can be tipped over
- Lifting up the trough, dirt particles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

RECOMMENDED FOR:

Weaned piglets up to 35 kg

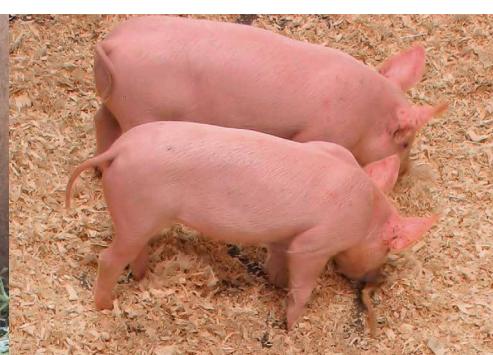


Ref.	Type	Packing Hints
130.0899	Tip-over trough for piglets Mod. 899, stainless steel trough	1 piece



INSIDER TIP!

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





SUEVIA

FEEDING PLATES FOR PIGLETS



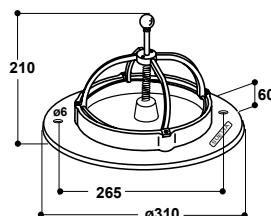
Feeding Plate Model 240

Ref. 160.0240

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

RECOMMENDED FOR:

Piglets from birth up to 15 kg in farrowing pen



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



Feeding Plate Model 290

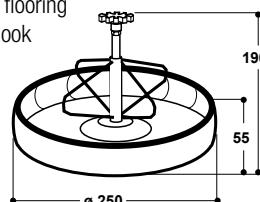
Ref. 130.0290



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

RECOMMENDED FOR:

Piglets from birth up to 15 kg in farrowing pen

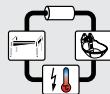


Ref.	Type	Packing Hints
130.0290	Feeding plate Model 290, stainless steel	6 pieces/box





DRINKING BOWLS FOR FATTENING PIGS

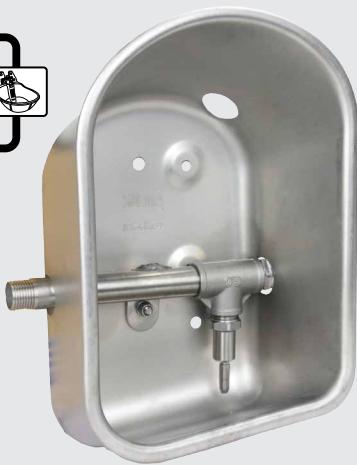
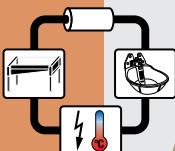


INSIDER TIP!

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



100.0748



100.0747

Drinking Bowl Model 95S

with stainless steel valve

Drinking Bowl Model 95U

with stainless steel valve

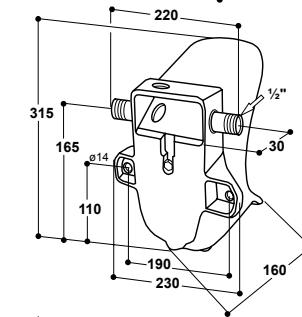
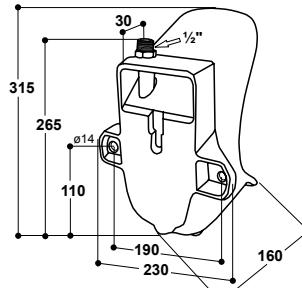
Ref. 100.1959

Ref. 100.2959

- For fattening pigs from 20 kg (45 lbs)
- Large bowl made of **cast iron, completely enamelled** offers maximum possible stability, **robust quality and hygienic surface!**
- Offset tube-valve and deep bowl reduce water wastage to a minimum
- Animal friendly, hooded bowl design avoids fouling
- Mod. 95S: Water flow continuously adjustable from outside by means of a regulation screw; $\frac{1}{2}$ " male connection from the top
- Mod. 95U: $\frac{1}{2}$ " male stainless steel horizontal connection pipe for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312. Pin valve in stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow

RECOMMENDED FOR:

Fattening pigs



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

Drinking Bowl Model 74

Drinking Bowl Model 74U

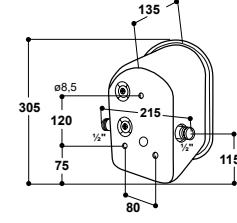
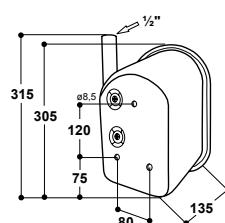
Ref. 100.0748

Ref. 100.0747

- For **fattening pigs from 20 kg (45 lbs)**
- Drinking bowl made of **first-class stainless steel**
- Deep bowl and offset pin valve reduce water wastage to a minimum
- **Hooded bowl design avoids fouling**
- Smoothly running pin valve in stainless steel with 3 water flow adjustment possibilities, which enables a quick and exact adjustment of water flow
- Mod. 74: $\frac{1}{2}$ " female connection from the top
- Mod. 74U: Horizontal stainless steel pipe with $\frac{1}{2}$ " male connection for installation into water circuits. Frost-free in combination with SUEVIA heating unit Model 300/303, 311 or 312

RECOMMENDED FOR:

Fattening pigs



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





SUEVIA

DRINKING BOWLS FOR SOWS AND BOARS



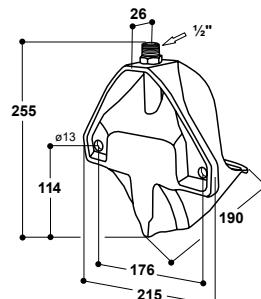
Drinking Bowl Model 96 with stainless steel valve

Ref. 100.0969

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

RECOMMENDED FOR:

Sows, boars



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



Drinking Bowl Model 76 Drinking Bowl Model 76U

Ref. 100.0768

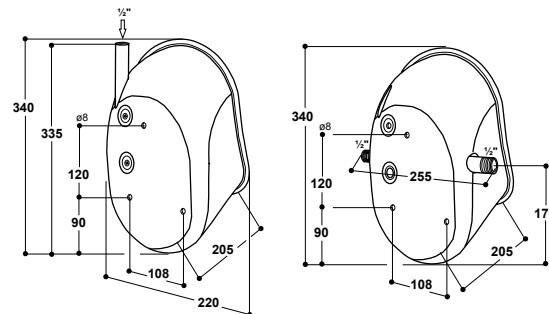
Ref. 100.0767



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

RECOMMENDED FOR:

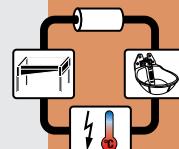
Sows, boars



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



100.0768



100.0767



DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN



102.0255



131.0169

Drinking Bowl

Model 20 with stainless steel valve

Ref. 100.0209

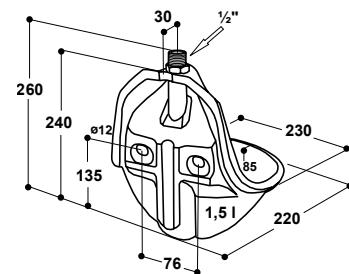
- Bowl made of **cast iron, completely enamelled**
- Smoothly running stainless steel tube valve with $\frac{1}{2}$ " male connection from the top
- Calm water flow through tube valve
- **Water flow continuously adjustable from outside** by means of a regulation screw
- When used in farrowing pens as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

ACCESSORIES:

- **1 fixing bracket** (Ref. 131.0169)
for fixation on $1\frac{1}{2}$ " – 2" pipes
- **1 valve protection bracket** for Model 20
(Ref. 102.0255)

RECOMMENDED FOR:

Sow with piglets in farrowing pen, sows, boars



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





SUEVIA
WATER & FEED

DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN

Vacuum Valve

Model 940

Ref. 130.0940

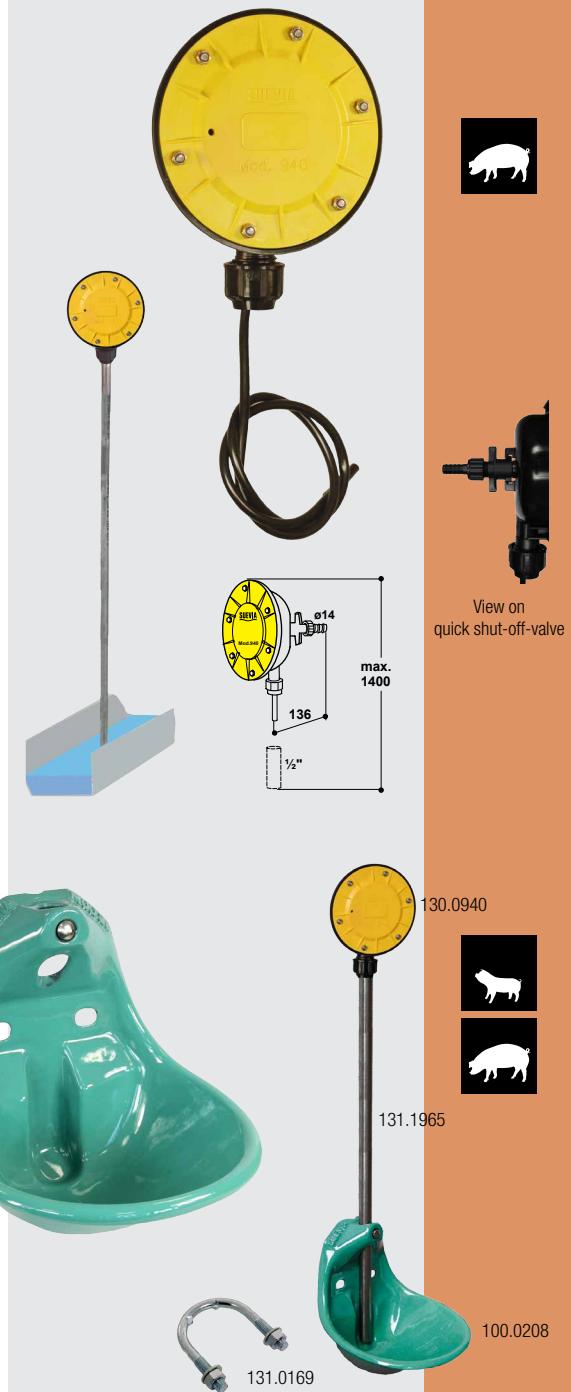
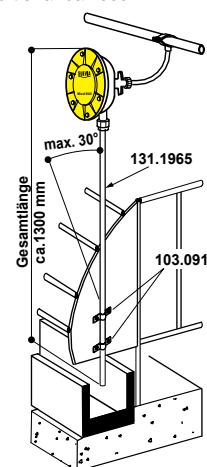
- **Water flow starts automatically** when animals drink out of the trough
- Designed to fill troughs with max. length of 15 m (49') and provide constant water level
- Flexible pipe equipped (13 mm hose connection) with **installed ½" quick shut-off-valve**: water flow stops as soon as the hose connection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

ACCESSORIES:

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

RECOMMENDED FOR:

Pigs



Bowl Model 20

ready for installation of a SUEVIA Vacuum Valve

Ref. 100.0208

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

ACCESSORIES:

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

RECOMMENDED FOR:

Sow with piglets in farrowing pen, sows, boars

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



INSIDER TIP!

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





SUEVIA

DRINKING BOWLS FOR SOW WITH PIGLETS IN FARROWING PEN

Heated Drinking Bowl with Drink Inducer

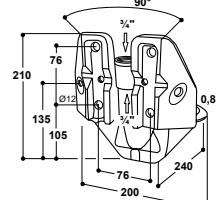
Model 375-H with ¾" stainless steel valve

Ref. 100.3758

- Bowl is **frost-protected** with an integrated bowl heating 24 V, 40 W. Valve will be frost-protected with the circuit pipe and integrated into a water circuit. Thermostat must be used for automatic switch on/off of transformer. Cables must be protected against bites on site.
- Bowl made of **cast iron, completely enamelled**, easy to clean
- Always fresh and clean water** – no risk of dirty water as in the case of drinking bowls with float valve
- Smoothly running tube valve even at high water pressure of max. 6 bar
- Valve can be operated from all sides
- Little hollow**, which acts as a water supply behind the valve, encourages animal learning
- Calm water flow through tube valve
- ¾" female connection from top and bottom: **suited for installation into water circuits!**
- Water flow continuously adjustable** from outside by means of a **regulation screw**
- Special back side design enables easy fixation into 90° corners, on the wall or on pipes

ACCESSORIES:

- 2 fixing brackets** (Ref. 131.0169), for fixation on 1" – 1½" pipes
- Connection set for ¾" water circuits** (Ref. 103.1983), made of stainless steel
- Mounting support** for Mod. 375-H (Ref. 102.1713), made of stainless steel (recommendation: mounting of the drinker with 4 stainless steel bolts VA M10x35 or M12x35. If you use locking nuts, than the bolts must be 5 mm longer.)



RECOMMENDED FOR: Sow with piglets in farrowing pen, sows

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



102.0249

100.3758



103.1983



102.1127

100.3758 Mod. 375-H-VA¾
Side view of heat distribution and accessories



102.1713





TRough DRINKERS FOR SOWS IN GROUPS

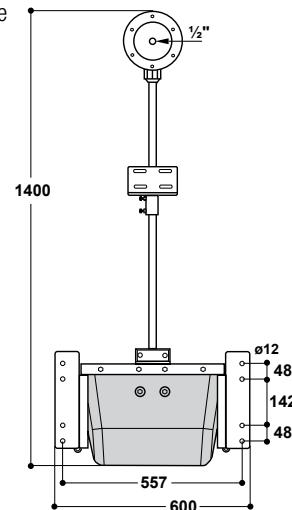


Tip-Over Trough for Sows Model 910

Ref. 130.9100

- Bowl made of **premium quality plastic** with **bite protection rim in stainless steel**
- Due to very **solid galvanized steel frame** the trough is protected in an ideal way from lateral impacts or blows by the animals and can easily be mounted on the wall.
- SUEVIA **vacuum valve** Model 940 and $\frac{1}{2}$ " stainless steel pipe **inclusive**
- **Quick and easy cleaning** by tipping the bowl, the running water coming from the vacuum valve flushes the trough in addition
- Suited for 10 – 20 animals
- 13 mm hose connection with integrated quick shut-off valve
- Water level adjustable
- For water pressure 1 – 5 bar
- Easy wall fixation
- Contents up to 14 l

RECOMMENDED FOR:
Sows in groups



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



INSIDER TIP!

Quick and easy cleaning by tipping the bowl!

Fodder remnants, which are carried into the trough by the animals, can easily be flushed by tipping the bowl.



SUEVIA
WATER & FEED

TROUGH DRINKERS FOR SOWS IN GROUPS

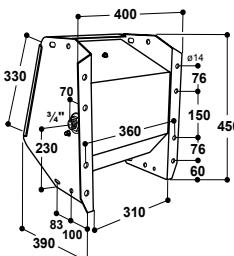


Valve Trough Drinker for Sows

Model 502

Ref. 130.5020

- Ideal for sows in groups – **space-saving, easy cleaning design!**
- Completely made of **stainless steel**
- Water flow of up to **30 l/min** permits a continual and efficient watering of the animals
- Valve operation via broad and smoothly running valve flap
- Weight-loaded valve, adjustable for high and low water pressure
- Always fresh and clean water for your animals:** due to water flow and special design of the bowl: feed rests are flushed by the running water and drunk by the animals at the same time
- Bowl covered towards the upper lip to prevent dirt entry
- Suited for wall or pipe mounting
- ¾" male connection from right or left side** is possible by changing the valve from right to left or vice versa
- Subsequent installation of a heating element possible (Ref. 131.0523)



RECOMMENDED FOR:

Sows in groups

Frost protection by heating element

If frost protection in case of Model 502 is desired, a **heating element** (24 V) is fixed under the trough. In order to ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (Ref. 101.1863) is wrapped around the feed pipe and connected to the heating element in parallel to the power supply cable, coming from the transformer. The heating cable and the water line have to be insulated, however, additionally and protected against biting. For power supply a SUEVIA **Transformer** 230/24 V is necessary (for correct choice of transformer see p. 26). For automatic switch on/off of transformer a thermostat (Ref. 101.0389) can be additionally installed.

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

Frost-free feed pipe

To ensure a frost-free feed pipe, a **frost protection heating cable** 24 V, 20 W, 2 m (Ref. 101.0861), or a 24 V, 30 W, 3 m (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 (Ref. 101.1099).

Integration into a water circuit line

- In combination with a SUEVIA **connection set for ¾" water circuits** (Ref. 103.1984) an easy integration of the trough into a water circuit is possible! For connection to a water circuit we recommend SUEVIA **heating units** Model 300/303 (Ref. 101.0300/101.0303), Model 311 (Ref. 101.0311) or Model 312 (Ref. 101.0312).
- In order to prevent water in the bowl from freezing, use additionally, as described above, heating element 131.0523 or the valve heating 131.0527. Transformer necessary!

Ref.	Type	Packing Hints
130.5020	Valve trough drinker for sows, Mod. 502	1 piece
131.0523	Heating element Mod. 523, 24 V, 80 W	1 piece
131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
101.0380	Transformer 230/24 V, 100 W	1 piece/box
101.0390	Transformer 230/24 V, 200 W	1 piece/box
101.0392	Transformer 230/24 V, 400 W	1 piece/box
101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
101.0389	Thermostat	1 piece/box
103.1984	Connection set for ¾" water circuits	1 piece/bag



with extension as protection against blows of animals



View from right side



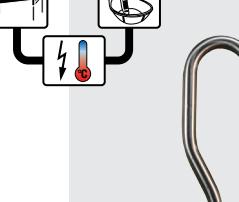
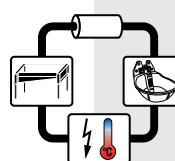
131.0523



101.1099



Valve heating
(Ref. 131.0527)



103.1984



2 m: 101.0861
3 m: 101.1863



INSIDER TIP!

Always fresh and clean water for your animals!

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



NIPPLE DRINKERS FOR PIGLETS

**ALL NIPPLE DRINKERS ARE
AVAILABLE AS BLISTER**



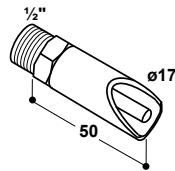
180.0323-2



Nipple Drinker for Piglets Model 304

Ref. 180.0304

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

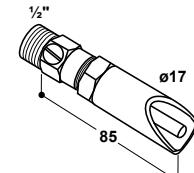


Ref.	Type	Packing Hints
180.0304	Nipple drinker for piglets, Mod. 304	1 piece
180.0304-2	Nipple drinker for piglets, Mod. 304 (2 pieces in blister)	2

Nipple Drinker for Piglets Model 323

Ref. 180.0323

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

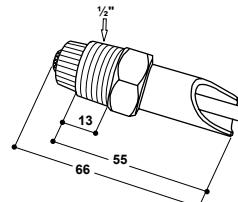


Ref.	Type	Packing Hints
180.0323	Nipple drinker for piglets, Mod. 323	1 piece
180.0323-2	Nipple drinker for piglets, Mod. 323 (2 pieces in blister)	2

Nipple Drinker for Piglets Model 1290

Ref. 180.1290

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



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



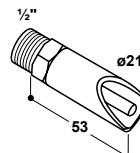
SUEVIA

NIPPLE DRINKERS FOR FATTENING PIGS

Nipple Drinker for Fattening Pigs Model 305

Ref. 180.0305

- Mouthpiece made of stainless steel (\varnothing 21 mm)
- Water flow regulation by enlarging the nozzle boring
- $\frac{1}{2}$ " male connection



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

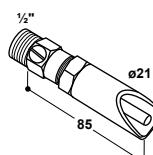
EDELSTAHL
**Rost
frei**
STAINLESS STEEL



Nipple Drinker for Fattening Pigs Model 324

Ref. 180.0324

- Mouthpiece made of stainless steel (\varnothing 22 mm)
- Water flow continuously adjustable** from outside by means of a regulation screw
- $\frac{1}{2}$ " male connection



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

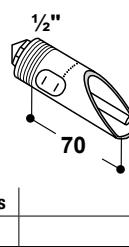
EDELSTAHL
**Rost
frei**
STAINLESS STEEL



Nipple Drinker for Fattening Pigs Model 293

Ref. 180.0293

- Mouthpiece (\varnothing 21 mm)
- Completely made of **first-class stainless steel**
- With red regulation cap for 5 water flow adjustment possibilities
- $\frac{1}{2}$ " male connection



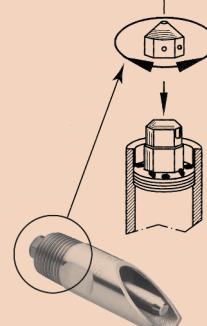
Ref.	Type	Packing Hints
180.0293	Nipple drinker for fattening pigs, Mod. 293	1 piece
180.0293-2	Nipple drinker for fattening pigs, Mod. 293 (2 pieces in blister)	[2]

EDELSTAHL
**Rost
frei**
STAINLESS STEEL



180.0293-2

5 adjustment possibilities



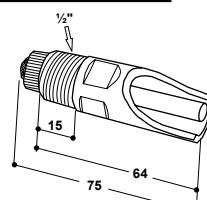
Water enters in the middle,
thus providing always fresh water

Dirt particles can deposit here

Nipple Drinker for Fattening Pigs Model 1292

Ref. 180.1292

- Completely made of stainless steel
- Mouthpiece (\varnothing 21 mm)
- With filter and 3 water flow adjustment possibilities
- $\frac{1}{2}$ " male connection



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

EDELSTAHL
**Rost
frei**
STAINLESS STEEL





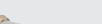
NIPPLE DRINKERS FOR SOWS AND BOARS



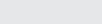
180.0306-2



180.0329-1



180.0326-1



180.0330-1

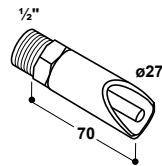


180.1295-2

Nipple Drinker for Sows and Boars Model 306

Ref. 180.0306

- Mouthpiece made of stainless steel (\varnothing 27 mm)
- Water flow regulation by enlarging the nozzle boring
- $1/2"$ male connection

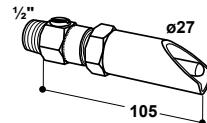


Ref.	Type	Packing Hints
180.0306	Nipple drinker for sows and boars, Mod. 306	1 piece
180.0306-2	Nipple drinker for sows and boars, Mod. 306 (2 pieces in blister)	2

Nipple Drinker for Sows and Boars Model 329

Ref. 180.0329

- Mouthpiece made of stainless steel (\varnothing 27 mm)
- Water flow continuously adjustable** from outside by means of a regulation screw
- $1/2"$ male connection



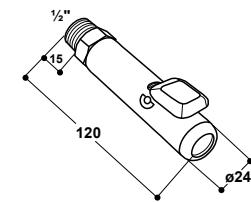
Ref.	Type	Packing Hints
180.0329	Nipple drinker for sows and boars, Mod. 329	1 piece
180.0329-1	Nipple drinker for sows and boars, Mod. 329 (1 piece in blister)	1

Nipple Drinker for Sows and Boars Model 326

- Robust mouthpiece **made of stainless steel**
- Easy adjustment of water quantity to the existing water pressure by exchanging the enclosed nozzles
- $1/2"$ male connection

180.0326-1 Connection in brass

180.0330-1 Connection in stainless steel

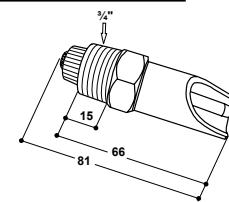


Ref.	Type	Packing Hints
180.0326-1	Nipple drinker for sows and boars Mod. 326-MS 1/2" (1 piece in blister)	1
180.0330-1	Nipple drinker for sows and boars Mod. 326-VA 1/2" (1 piece in blister)	1

Nipple Drinker for Sows and Boars $3/4"$ Model 1295

Ref. 180.1295

- Completely made of stainless steel
- Mouthpiece (\varnothing 24 mm)
- With filter and 3 water flow adjustment possibilities
- $3/4"$ male connection



Ref.	Type	Packing Hints
180.1295	Nipple drinker for sows and boars $3/4"$ Mod. 1295	1 piece
180.1295-2	Nipple drinker for sows and boars $3/4"$ Mod. 1295 (2 pieces in blister)	2



SUEVIA

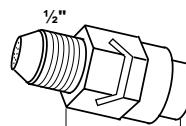
SPRAYING NIPPLES



Spraying Nipple for Pigs Model 530

Ref. 180.0530

- For installation above the feeding trough
- Made of brass, with slot
- 1/2" male connection



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

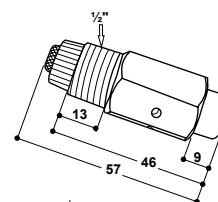


180.0530-2

Spraying Nipple for Pigs, Sows and Boars Model 1294

Ref. 180.1294

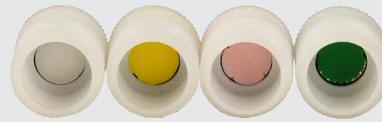
- For installation above the feeding trough
- Completely made of stainless steel**
- With filter and 3 water flow adjustment possibilities
- 1/2" male connection



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



180.1294-3



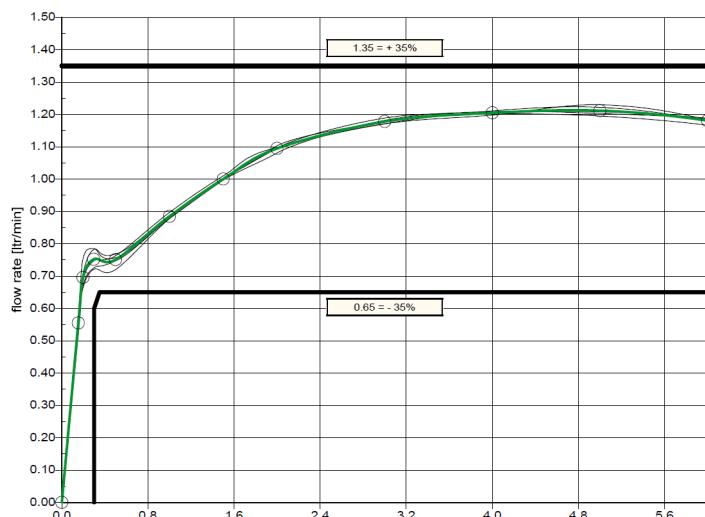
Flow rate regulators

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

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



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

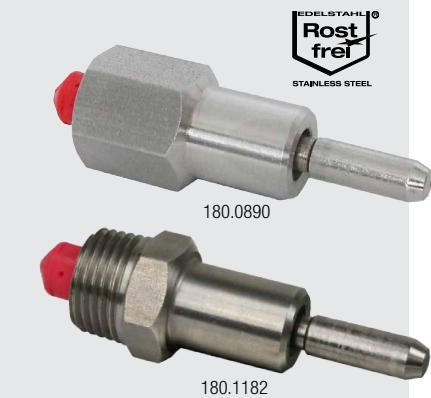


Exchange original nozzle with the flow-rate regulator!





PIN VALVES



NEW!



Pin Valve for Pigs

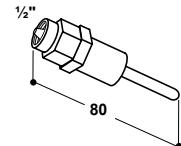
Model 550 in brass

Model 559 in stainless steel

Ref. 180.0550

Ref. 180.0559

- For installation above the feeding trough or into automatic feeders
- ½" female connection, inclusive sealing
- Water flow regulation by enlarging the nozzle boring



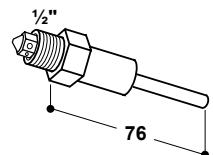
Ref.	Type	Packing Hints
180.0550	Pin valve Mod. 550, brass	1 piece
180.0550-2	Pin valve Mod. 550, brass (2 pieces in blister)	2
180.0559	Pin valve Mod. 559, stainless steel	1 piece
180.0559-2	Pin valve Mod. 559, stainless steel (2 pieces in blister)	2

Pin Valve for Piglets

Model 895

Ref. 180.0895

- Completely made of **stainless steel**
- For installation above the feeding trough or into automatic feeders
- ½" male connection
- With red regulation cap for 5 possibilities of easy adjustment of water flow quantity

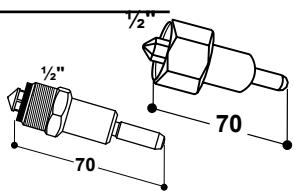


Ref.	Type	Packing Hints
180.0895	Pin valve Mod. 895, stainless steel	1 piece
180.0895-2	Pin valve Mod. 895, stainless steel (2 pieces in blister)	2

Pin Valve for Fattening Pigs

- Completely made of **stainless steel**

- For installation above the feeding trough or into automatic feeders
- 180.0890: ½" female connection, inclusive sealing
- 180.1182: ½" male (suited for Mod. 72U, 74U, 76U, 95U)
- With red regulation cap for 5 water flow adjustment possibilities



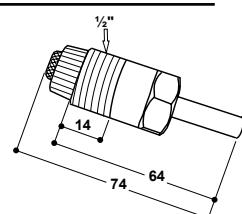
Ref.	Type	Packing Hints
180.0890	Pin valve Mod. 890, stainless steel	1 piece
180.0890-2	Pin valve Mod. 890, stainless steel (2 pieces in blister)	2
180.1182	Pin valve Mod. 1182, stainless steel	1 piece

Pin Valve for Pigs, Sows and Boars

Model 1177

Ref. 180.1177

- Suited for Mod. 72, 74 and 76.
- Completely made of **stainless steel**
- With filter and 3 water flow adjustment possibilities
- ½" male connection



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



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WALL ANGLES



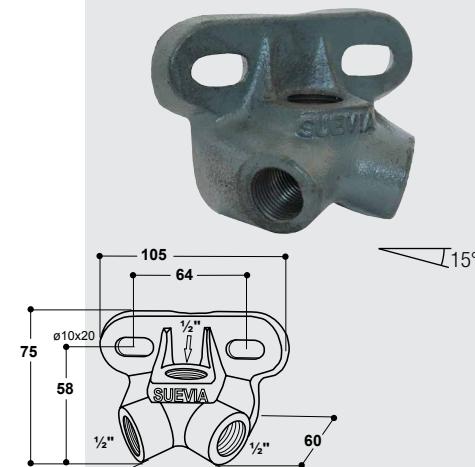
Double Wall Angle

Model 314

Ref. 101.0314

- Made of first-class **cast iron**, painted, with two fixation lugs
- ½" female connection thread from the top
- Two ½" female exits, inclination 15°

Ref.	Type	Packing Hints
101.0314	Double wall angle, Mod. 314, Exit 2x ½", 15°	1 piece



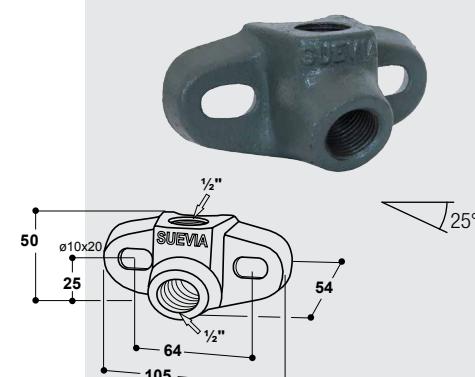
Wall Angle

Model 315

Ref. 101.0315

- Made of first-class **cast iron**, painted, with two fixation lugs
- ½" female connection thread from the top
- ½" female exit, inclination 25°

Ref.	Type	Packing Hints
101.0315	Wall angle Mod. 315, Exit 1x ½", 25°	1 piece



Wall Angle

Inclination 15°

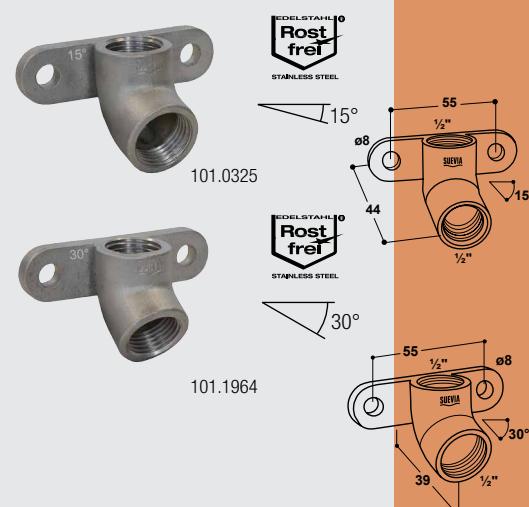
Ref. 101.0325

Inclination 30°

Ref. 101.1964

- Made of **stainless steel**, with two fixation lugs
- ½" female connection thread from the top
- ½" female exit, inclination 15° or 30°

Ref.	Type	Packing Hints
101.0325	Wall angle Mod. 325, Exit 1x ½", 15°, stainless steel	1 piece
101.1964	Wall angle Mod. 1964, Exit 1x ½", 30°, stainless steel	1 piece



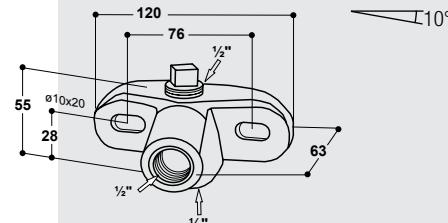
Wall Angle

Model 328

Ref. 101.0328

- Made of first-class **cast iron**, painted, with two fixation lugs
- ½" female connection thread
- Connection from top and bottom, **suites for water circuits**
- ½" female exit, inclination 10°

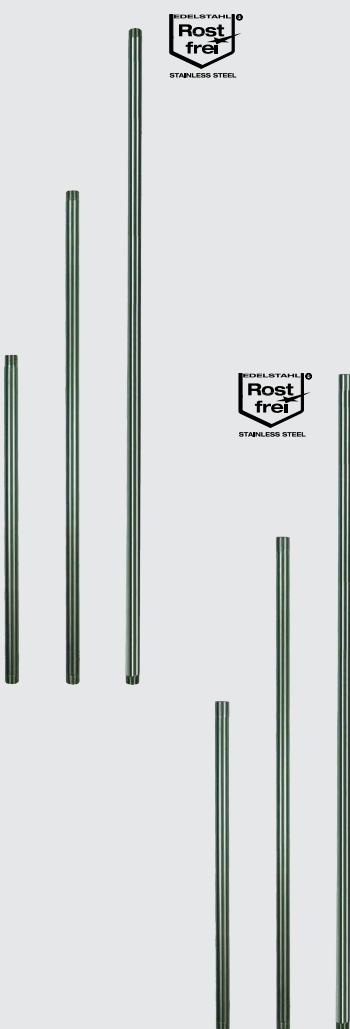
Ref.	Type	Packing Hints
101.0328	Wall angle Mod. 328, Exit 1x ½", 10°	1 piece





STAINLESS STEEL CONNECTION PIPES

**SPECIAL LENGTHS
UPON REQUEST**



Stainless Steel Connection Pipes $\frac{1}{2}$ " m/m

- Straight pipe made of stainless steel
- $\frac{1}{2}$ " male/male connection

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

Stainless Steel Connection Pipes $\frac{1}{2}$ " f/m

- Straight pipe made of stainless steel
- $\frac{1}{2}$ " female/male connection

Ref.	Type	Packing Hints
103.1931	Connection pipe stainless steel $\frac{1}{2}$ ", 50 cm, straight, f, m	1 piece
103.1932	Connection pipe stainless steel $\frac{1}{2}$ ", 75 cm, straight, f, m	1 piece
103.1933	Connection pipe stainless steel $\frac{1}{2}$ ", 100 cm, straight, f, m	1 piece

Stainless Steel Connection Pipes $\frac{3}{4}$ " m/m

- Straight pipe made of stainless steel
- $\frac{3}{4}$ " male/male connection

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

Hose Nipple in Stainless Steel $\frac{1}{2}$ "

- Depending on hose nipple type, with $\frac{1}{2}$ " male or $\frac{1}{2}$ " female thread

Ref.	Type	Packing Hints
103.1971	Hose nipple, stainless steel, $\frac{1}{2}$ " male	1 piece
103.1972	Hose nipple, stainless steel, $\frac{1}{2}$ " female, with sealing	1 piece



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STAINLESS STEEL CONNECTION PIPES

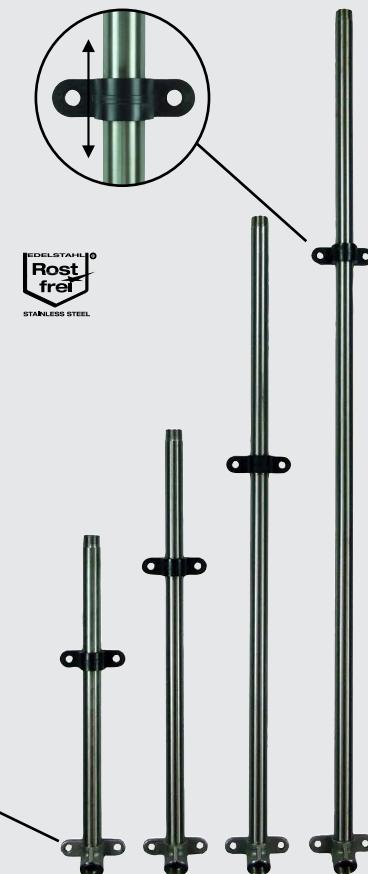
Stainless Steel Connection Pipes

one exit

- With one exit $\frac{1}{2}$ " female thread, inclination 30°
- $\frac{1}{2}$ " male connection
- With fixing clips
- Movable upper clip ensures safe fixation on all different types of separating walls!

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

Ref.	Type	Packing Hints
103.1905	Connection pipe stainless steel $\frac{1}{2}$ ", 1x f exit 30°, m connection, 38 cm	1 piece
103.1906	Connection pipe stainless steel $\frac{1}{2}$ ", 1x f exit 30°, m connection, 50 cm	1 piece
103.1907	Connection pipe stainless steel $\frac{1}{2}$ ", 1x f exit 30°, m connection, 75 cm	1 piece
103.1908	Connection pipe stainless steel $\frac{1}{2}$ ", 1x f exit 30°, m connection, 100 cm	1 piece



Stainless Steel Connection Pipes

two exits

- With two exits: $\frac{1}{2}$ " female thread, inclination 30°
- $\frac{1}{2}$ " male connection
- With fixing clips
- Movable upper clip ensures safe fixation on all different types of separating walls!

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

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



Nipple drinker installation
with protection bracket
103.1953,
see page 119



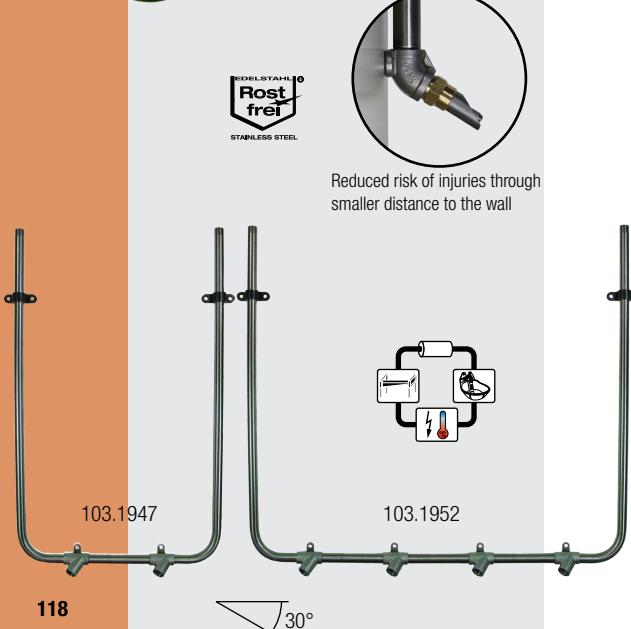
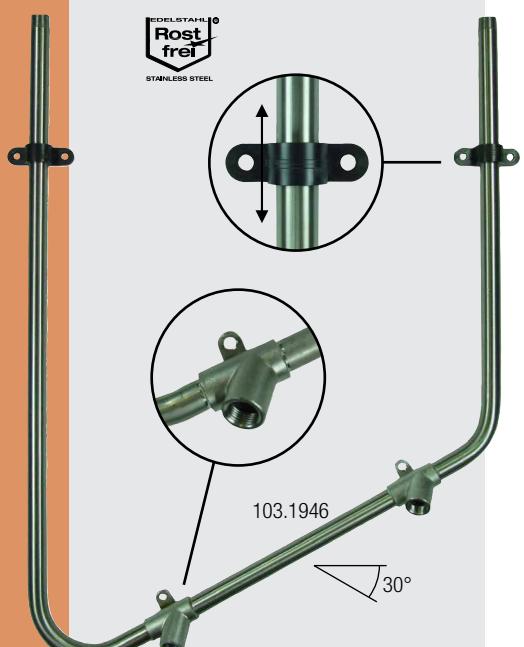
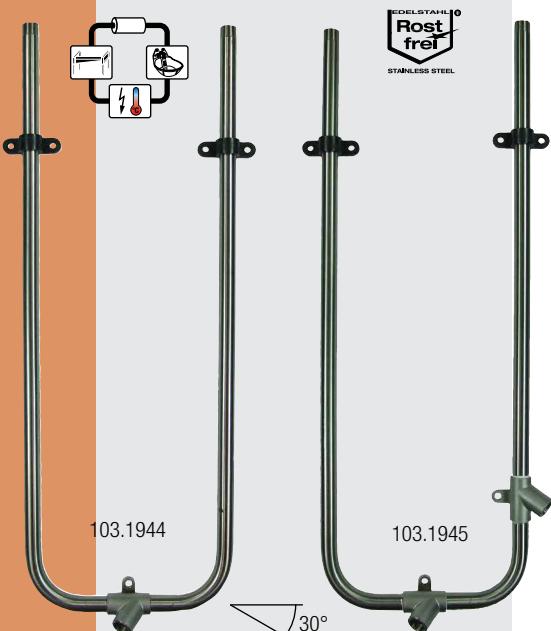
30°

30°

30°



STAINLESS STEEL CONNECTION PIPES



Circuit Pipe

1 horizontal exit

Ref. 103.1944

- Made of stainless steel, with one exit: $\frac{1}{2}$ " female
- $\frac{1}{2}$ " male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 26 cm

Circuit Pipe

1 horizontal and 1 vertical exit

Ref. 103.1945

- Made of stainless steel, with 2 exits: $\frac{1}{2}$ " female
- $\frac{1}{2}$ " male connection
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 26 cm

Ref.	Type	Packing Hints
103.1944	Circuit pipe stainless steel $\frac{1}{2}$ ", 1 horizontal female exit	1 piece
103.1945	Circuit pipe stainless steel $\frac{1}{2}$ ", 1 horiz. + 1 vertical exit	1 piece

Circuit Pipe

2 inclined exits

Ref. 103.1946

- Made of stainless steel, with 2 exits: $\frac{1}{2}$ " female
- $\frac{1}{2}$ " male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 50 cm

Ref.	Type	Packing Hints
103.1946	Circuit pipe stainless steel $\frac{1}{2}$ ", 2 inclined female exits	1 piece

Circuit Pipe

2 horizontal exits

Ref. 103.1947

- Made of stainless steel, with 2 exits: $\frac{1}{2}$ " female
- $\frac{1}{2}$ " male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 50 cm

Circuit Pipe

4 horizontal exits

Ref. 103.1952

- Made of stainless steel, with 4 exits: $\frac{1}{2}$ " female
- $\frac{1}{2}$ " male connections
- **Movable upper clips** ensure safe fixation on all different types of separating walls!
- Height x width: approx. 75 x 92 cm

Ref.	Type	Packing Hints
103.1947	Circuit pipe stainless steel $\frac{1}{2}$ ", 2 horizontal female exits	1 piece
103.1952	Circuit pipe stainless steel $\frac{1}{2}$ ", 4 horizontal female exits	1 piece



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STAINLESS STEEL CONNECTION PIPES

Protection Bracket

Ref. 103.1953

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

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

Stainless Steel Pipe for Separating Walls

for nipple drinkers

Ref. 103.1954

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

Stainless Steel Pipe for Separating Walls

for drinking bowls

Ref. 103.1955

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

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

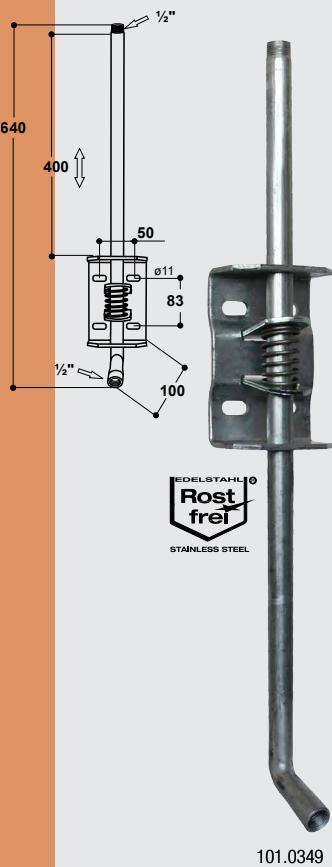


Mounting examples





ACCESSORIES FOR INSTALLATION



Quick Height Adjusting Device without Use of Tools Model 349

Ref. 101.0349

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

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



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ACCESSORIES FOR INSTALLATION

Boring Bracket Model 529

Ref. 101.0529

- For pipes $\frac{3}{4}$ " and 1"
- Made of **stainless steel**
- $\frac{1}{2}$ " female exit
- With sealing, stainless steel bracket, screw nuts and washers

Ref.	Type	Packing Hints
101.0529	Boring bracket Mod. 529, for pipes $\frac{3}{4}$ " - 1", stainless steel	1 piece

Boring Bracket Model 535

Ref. 101.0535

- For 1 $\frac{1}{2}$ ", 1 $\frac{1}{4}$ " and 2" pipes
- Made of **cast iron**
- $\frac{1}{2}$ " female exit
- With sealing, galvanized bracket, screw nuts and washers

Ref.	Type	Packing Hints
101.0535	Boring bracket Mod. 535, for pipes 1 $\frac{1}{4}$ "-2", cast iron	1 piece

Boring Bracket Model 563 Model 564

Ref. 101.0563

Ref. 101.0564

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

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

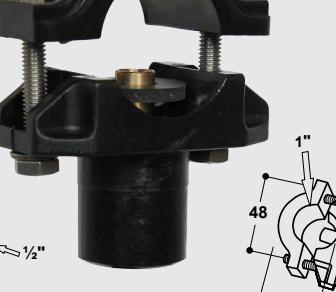
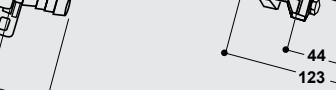
Boring Bracket Model 594 Model 595

Ref. 101.0594

Ref. 101.0595

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

Ref.	Type	Packing Hints
101.0594	Boring bracket Mod. 594, for $\frac{3}{4}$ "/DN25	1 piece
101.0595	Boring bracket Mod. 595, for 1"/DN32	1 piece



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ACCESSORIES FOR INSTALLATION

EDELSTAHL
Rost
frei
STAINLESS STEEL



Regulating Piece Model 657

Ref. 102.0657

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

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

EDELSTAHL
Rost
frei
STAINLESS STEEL



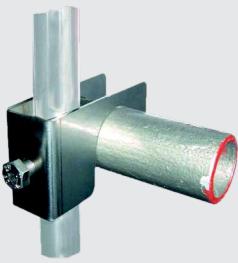
Pipe Holder

Ref. 103.1975

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

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

EDELSTAHL
Rost
frei
STAINLESS STEEL



Bracket

Ref. 103.1976

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

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

EDELSTAHL
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STAINLESS STEEL



Fixing Clips in Stainless Steel

- For fixation of plastic pipes

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

Blue Pipe

- Blue plastic pipe for cold water lines up to 6 bar of pressure
- Thick-walled polypropylene – no rust!**
- The ideal solution to place cold water tubes on plaster in your stable
- Easy to handle:** at the tube's ends you can cut the thread with a threading die usual in trade
- Sealing can be done with hemp, teflon or with SUEVIA sealing material (Ref. 102.0358)
- Large range of SUEVIA plastic or stainless steel fittings available (see p. 124)!

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

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





SUEVIA

DISINFECTION BATH FOR BOOTS / CARCASS COVER

Disinfection Bath for Boots SD80

Ref. 160.1086

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

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



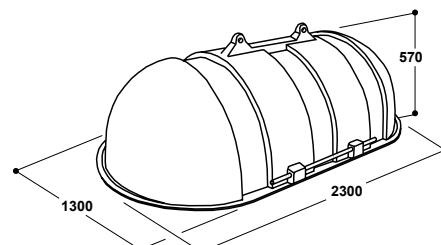
Carcass Cover

Ref. 160.0200

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

RECOMMENDED FOR:

Piglets, pigs, calves



Ref.	Type	Packing Hints
160.0200	Carcass cover	1 piece



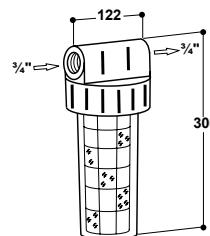
INSIDER TIP!

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

Water Filter 80 Micro, Model 487

Ref. 101.0487

- ¾" female connection
- With filter easy to clean
- 80 Micro, 6 m³/h (1588 gal/h)



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





FITTINGS

Fittings made of plastic



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

Fittings made of stainless steel



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



SUEVIA

HORSES

Thermo-Trough Mod. 6600

Ref 130.6600

- Trough without valve. Volume approx. 50 l.
- **Heatable with candles**, frost-free down to -12°C (3 candles), to -20°C (6 candles).
- For outside areas without water connection and electricity. Water gets filled in by canisters.
- **Double-walled and insulated mounting base** in premium quality **polyethylene**, with 6 fixation holes for ground fixation
- Bowl made completely of stainless steel and can be pulled out for cleaning.
- A big service opening allows easy and safe access to the candles. Maintain adequate safety clearance to flammable materials in the surroundings.
- Dimensions (L x W x H): ca. 780 x 500 x 600 mm

RECOMMENDED FOR:

Horses

Ref.	Type	Packing Hints
130.6600	Thermo-Trough Mod. 6600	1 piece





OUR BOOTH AT THE EUROTIER 2018





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OUR BOOTH AT THE EUROTIER 2018



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and regional trade shows!





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