

Send us details on your stable -  
we will elaborate the best solution for you!



# MANURE SCRAPER SYSTEMS

for free stalls







## SCRAPERS

**FOR EACH STABLE  
THE IDEAL SCRAPER!**



- **Two-side V-form scraper** in use



- Flap scraper for middle guidance



- Flap scraper able to be folded together



- Two-side V-form scraper



- Two-side flap scraper



## Scrapers SUEVIA

### Flap Scraper for Middle Guidance

- Solid and heavy construction, in galvanised steel
- Lateral flaps are opening automatically on the way backwards
- Due to its flexible construction this scraper adapts automatically to possible inclination towards the middle of the gangway
- Delivered as standard with lateral wings, which are able to clean the borders of the gangway with differences in width
- For gangways without borders: the wings of a scraper can be equipped with a mechanical stop. The opening of wings can be manually adjusted according to the width of the gangway.
- Animal-friendly construction, no risk of injuries!
- In order to protect the gangway and to increase the cleaning effect, the scraper blades can be equipped with a rubber lip on demand
- The scraper can also be delivered for larger gangways, e.g. in front of the milking parlour
- Many options available to find a convenient solution for your stable
- Also available as **flap scraper for gangways equipped with rubber mats**
- On demand - as scraper which can be folded together, enabling easy pass over by a tractor
- Available as a **special version**, which can be used for **gangways without middle guidance**

### V-Form Scraper for Middle Guidance

- Solid scraper construction, in galvanised steel
- Heavy version: no need of filling the scraper with concrete
- V-form of the scraper allows the animals simply to step over the scraper
- When the scraper is moving backwards the animals can just pass on the side
- Adapts to gangways of different width
- Very good for cleaning the gangways with straw bedding
- Available as **two-side V-form scraper** for gangways with a discharge into a cross channel in the middle





### Scraper for Slatted Floor

- Solid construction in galvanised steel
- This type of scraper cleans the slatted floor in both directions. Rubber lips are pushing the remaining manure through the slatted floor into the manure channel
- With rubber star devices on both ends for cleaning the borders of gangways
- Scraper slightly curved in a V-form, which contributes to pushing the manure from the border of the gangway to the center of the scraper
- Special plastic rope and its light weight in comparison to the stainless steel rope contributes to the smooth moving of the scraper, avoiding claw injuries and scratches in the slats
- Using a SUEVIA scraper for slatted floor contributes in an essential way to the health of the animals' claws!

### Two-Side Flap Scraper for Middle Guidance

- For a discharge into a cross channel in the middle of a gangway
- Cleaning the gangway in both directions with one scraper!
- Solid construction in galvanised steel
- Discharge into open cross channel possible: flaps switch downwards. Or flaps switch upwards when discharging over iron slats.
- Delivered as standard with lateral wings, which are ensuring clean borders of the gangway and compensate the difference in width of the gangway

- Flaps switching upwards



- Flaps switching downwards



### Special Versions on demand

Our staff is at your disposal for any information you need. Please call us or send us a plan of your stable per e-mail or Fax. We will find the best solution for you!

- Flap scraper for rubber mats flooring



- Combiscraper



- Flap scraper without middle guidance



- Underfloor scraper in stainless steel, pigsty



- Underfloor scraper, galvanized, in pigsty



- Flap scraper



- V-form scraper



- Scraper for slatted floor



- Two-side flap scraper for middle guidance (width 6 m)



- Flap scraper for rubber mats flooring



- Flap scraper with lateral wings without middle guidance



**WITH SUEVIA SCRAPERS –  
THE BEST RESULTS!**





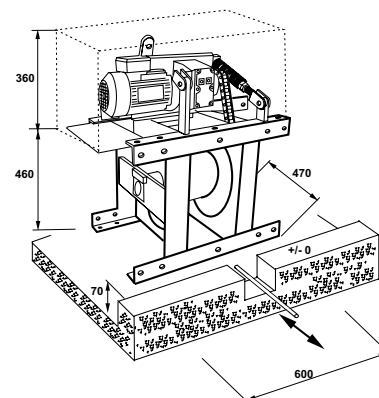
## DRIVE UNIT TYPE 800



### SUEVIA Drive Unit Type 800

Order Ref. 121.0801

- Solid frame construction in compact size, completely hot-dip galvanized
- Drive unit with cable drum for **150 m rope**
- Controlling of switching off or into reverse direction by an overload circuit breaker
- Traction force continuously adjustable by a spring inside of the drive unit
- Maintenance-friendly construction with **high-quality gear motor**
- Scraper speed approx. 4 m/min
- With galvanized protection cover
- For **wall and ground fixation**
- Drive unit with stainless steel drum available on demand



### SUEVIA Controller Type 804

Order Ref. 121.0804

- For controlling of one scraper system with two drive units Type 800
- Manual and automatic operation possible
- With installed timer
- Connection possibilities for a quadruple control switch board (Order Ref. 121.0919) and a security stop switch (Order Ref. 121.0921)

### SUEVIA Controller Type 805

Order Ref. 121.1045

- For controlling of one scraper system with two drive units Type 800
- Manual and automatic operation possible
- With installed timer
- **With obstacle detection:** automatic stop and several new start attempts in case of obstacles in the gangway
- **Integrated frost-protection program:** when additionally connected to a thermostat (Order ref. 121.1046) and given minus temperatures the controller switches automatically into a non-freezing program (moving at certain intervals)
- Connection possibilities for a quadruple control switch board (Order Ref. 121.0919) and a security stop switch (Order Ref. 121.0921)







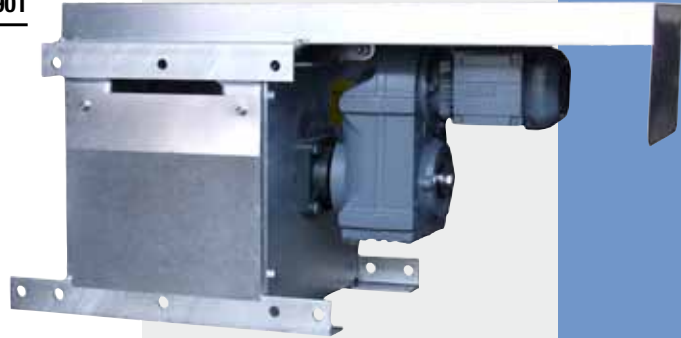
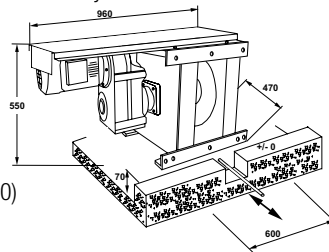
# SUEVIA

## DRIVE UNIT TYPE 900

### SUEVIA Drive Unit Type 900

Order Ref. 121.0901

- Solid frame construction in compact size, completely hot-dip galvanized
- Drive unit with cable drum for **150 m rope**
- Controlling of switching off or into reverse direction by a current measurement
- Maintenance-friendly construction with **high-quality gear motor**
- Scraper speed approx. 4 m/min
- With galvanized protection cover
- For **wall and ground fixation**
- Drive unit with stainless steel drum available on demand (Order Ref. 121.0930)



### SUEVIA Controller Type 914

Order Ref. 121.0914

- For controlling of one scraper system with two drive units Type 900
- Two programs possible:
  - Program #1 (for example for a scraper for slatted floor) = the scraper stops at both ends of the gangway.
  - Program #2 = the scraper moves backwards directly after moving forwards
- Manual and automatic operation possible
- With installed timer and membrane keypad
- **Integrated frost-protection program:** when additionally connected to a temperature sensor (Order ref. 121.0920) and given minus temperatures the controller switches automatically into a non-freezing program (moving at certain intervals)
- Main switch in scope of delivery
- Connection possibilities for a quadruple control switch board (Order Ref. 121.0919) and a security stop switch (Order Ref. 121.0921)



### SUEVIA Controller Type 917

Order Ref. 121.0917

- With an additional expansion modul, available on demand, the controlling of up to 3 scraper systems with max. 6 drive units Type 900 possible
- With LCD-display and membrane keypad
- Easy menu-led programming and change of data
- **Manual and automatic operation possible**
- Adjustable moving at intervals before discharging the manure
- **Integrated frost-protection program:** when additionally connected to a temperature sensor (Order ref. 121.0920) and given minus temperatures the controller switches automatically into a non-freezing program (moving at certain intervals)
- Starting time of each system can be individually programmed
- Moving in steps towards the cross section is possible
- **With obstacle detection:** automatic stop and several new start attempts in case of obstacles in the gangway
- Programmable parking position of the scraper
- Programming of automatic switching into reverse direction without touching the way stopper at the end is possible
- Lockable main switch and a quadruple control switch board in scope of delivery
- Connection possibilities for further quadruple control switch boards (Order Ref. 121.0919) and security stop switches (Order Ref. 121.0921)



## SUEVIA CONTROLLERS

The traction force can be easily and continuously adjusted to the conditions in the stable. Electronic switching off or into reverse direction of the drive unit is controlled by an integrated potentiometer, which measures the current. The traction force will be changed, as the adjusted limit value of the current is exceeded. The traction force of the forward or of the retracting winch can be adjusted separately from each other.



Security stop switch



Temperature sensor



Main switch



Quadruple control switch board

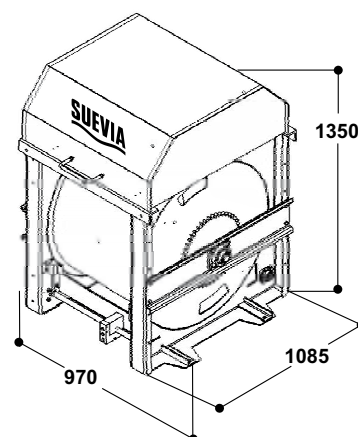


Expansion modul Type 918



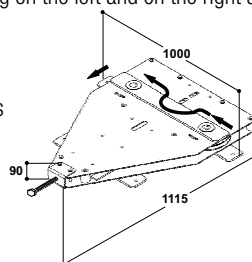
**Order Ref. 121.1000**

- Solid hot-dip galvanized frame construction, for ground fixation
- Cable Drum Ø **800 mm**
- For single-layer coiling until 150 m rope – **ideal for long gangways**
- Essentially increased durability of the rope due to **single-layer coiling**
- Controlling of switching off or into reverse direction by an overload circuit breaker
- Security stop in case of rope cracks or if the rope is wound one over the other
- **High-quality gear motor**
- Scraper speed approx. 4 m/min



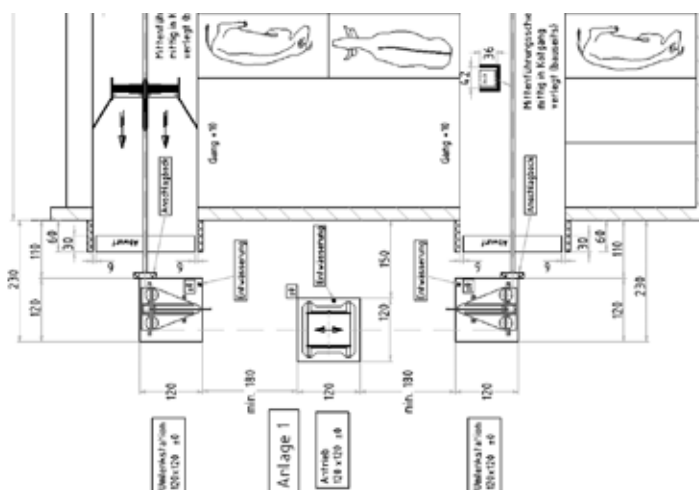
Drum (Ø 800 mm)  
with single-layer coiling on the left and on the right side

- **Reverse station with automatic rope tension**  
(Order Ref. 121.1040), strong, galvanized housing with pulleys
- 2 pieces necessary for one drive unit Type 1000
- Ensures automatic rope tension – less retightening necessary!



**Order Ref. 121.1045**

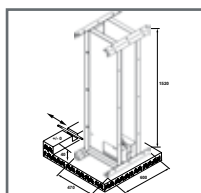
- For controlling of one scraper system with one drive unit Type 1000 (switching over for moving backwards) or with two drive units Type 1000 (one drive unit is moving forwards and second drive unit is moving backwards)
- Manual and automatic operation possible
- With installed timer
- **With obstacle detection:** automatic stop and several new start attempts in case of obstacles in the gangway
- **Integrated frost-protection program:** when additionally connected to a thermostat (Order ref. 121.1046) and given minus temperatures the controller switches automatically into a non-freezing program (moving at certain intervals)
- Connection possibilities for an external quadruple control switch board (Order ref. 121.0919) and a security stop switch (Order ref. 121.0921)







### Accessories for SUEVIA Manure Scrapers



- **Console for ground fixation** for drive unit Type 800 and Type 900, **height 2 m** (Order Ref. 121.0802)



- Drive unit with **safety cover** (Order Ref. 121.0809)



- **Way stopper for scraper**, galvanized (Order Ref. 121.0806)



- **Special stainless steel rope Ø 8 mm** (Order Ref. 121.0156)



- **Special plastic rope Ø 8 mm** (Order Ref. 121.0157) for scrapers for slatted floor or flap scrapers without middle guidance

### PULLEYS WITH COVERS IN STAINLESS STEEL



- **Pulley for ground fixation**, available diameter: **250 mm** (Order Ref. 121.0492) or **350 mm** (Order Ref. 121.0516)



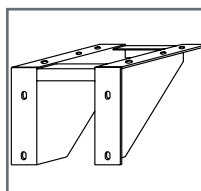
- **Pulley for wall and ground fixation**, available diameter: **250 mm** (Order Ref. 121.0468) or **350 mm** (Order Ref. 121.0515)



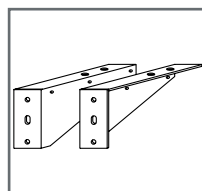
- **Pulley for fixation on the slatted floor**, available diameter: **250 mm** (Order Ref. 121.0480) or **350 mm** (Order Ref. 121.0522)



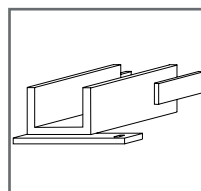
- **Reverse station with automatic rope tension** (Order Ref. 121.1040), strong, galvanized housing with pulleys
- 2 pieces necessary per drive unit Type 1000



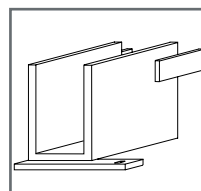
- **Wall console for drive unit** Type 800 and 900 (Order Ref. 121.0529)



- **Pair of delta-panels** (Order Ref. 121.0528)



- **U-middle guidance U 50/40/4** (Order Ref. 121.0548)



- **U-middle gully U 76/48/4** (Order Ref. 121.0803)

### ACCESSORIES FOR CONTROLLERS



- **Security stop switch** (Order Ref. 121.0921)



- **Quadruple control switch board**  
Forward, stop, backward, manual/automatic operation (Order Ref. 121.0919)



- **Temperature sensor** (Order Ref. 121.0920)

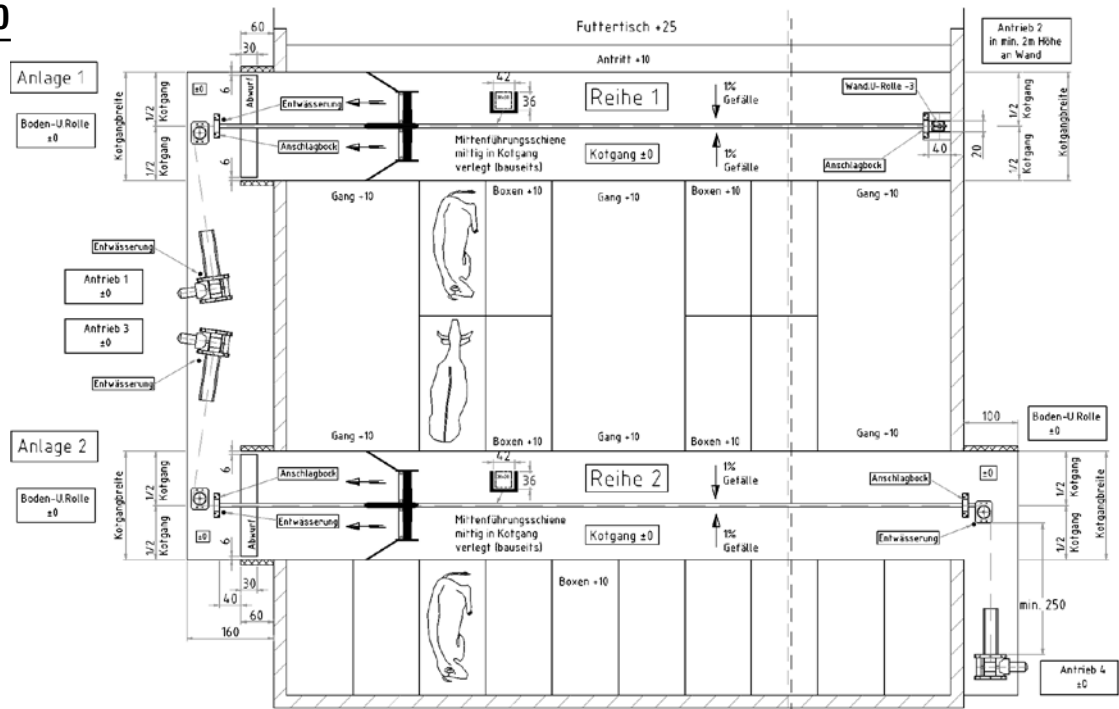


- **Expansion module Type 918** for controlling of up to 3 scraper systems with max. 6 drive units (Order Ref. 121.0918)

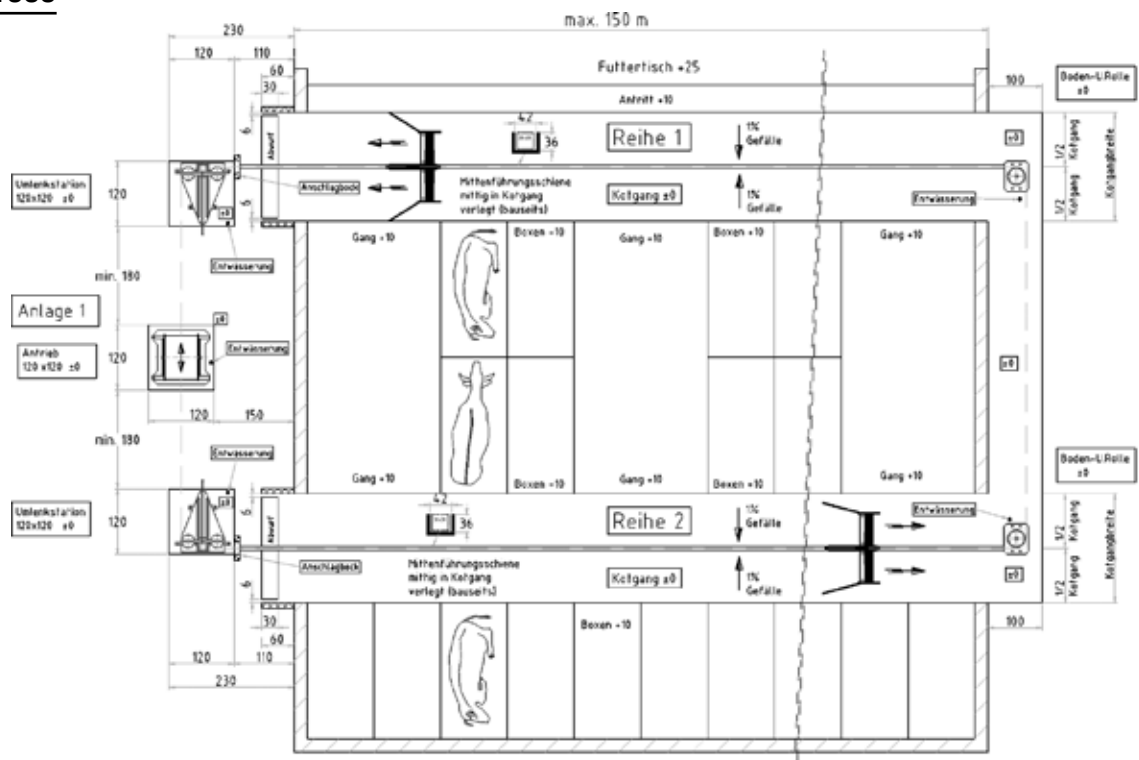


Contact us and we will find  
the best solution for your stable!  
Call us: +49 7143 971-0

## Type 800/900



## Type 1000



Your SUEVIA Dealer:

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