

Original Instruction Manual

Personnel Lock System

SMART-LINE



Manufacturer : **deconta** GmbH
Im Geer 20, 46419 Isselburg

Designation : **Personnel Lock System SMART-LINE**

Table of Contents

1.	Basic Safety Advice	3
2.	Transport	4
2.1.	Delivery	4
2.2.	Transport.....	4
2.3.	Storage	4
3.	Delivery Contents.....	4
4.	Technical Description	5
4.1.	Unit Description	5
4.2.	Description of the Personnel Lock System.....	5
5.	Technical Data.....	6
6.	Initial Operation / Assembly	7
6.1.	Preperation	7
6.2.	Assembly	7
7.	Maintenance and Care	13
8.	Declaration of Conformity	14

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1. Basic Safety Advice

The operation of the Personnel Lock System SMART-LINE must only be carried out by trained competent personnel. The information and instructions contained within this publication are of paramount importance to the user.

The manual should always be available in the immediate proximity whilst in use, and accessible to all personnel.

deconta insists as the shower user you follow the information and instruction contained within the handbook and only use it in accordance with the regulations and never use this Personnel Lock System in an inappropriate way. In the event of non-observance, **deconta** assumes no liability.

To ensure safe operation of the lock, the following must be strictly observed:

- Do not use in potentially explosive atmospheres.
- Maintenance work should only be carried out by authorised persons wearing suitable protective clothing.
- The safety and protective systems must be maintained and functioning correctly.
- Safety instructions affixed to the unit must be maintained in a legible condition and must be adhered to.
- General, legal and other binding regulations and procedures for accident prevention and handling of hazardous substances must be observed.

To ensure safety, modifications to the unit are not permitted.

We explicitly point out the additional regional and national safety measures and regulations for the operation of the appliance technology.

In addition to the instruction manual, general, legal and other binding regulations on accident prevention and environmental protection must be observed.

2. Transport

2.1. Delivery

Unless agreed otherwise, the shower system is delivered from the deconta factory packed completely and securely for transport.

Transport damage must be immediately documented following delivery by the supplier. Please note any damages on the consignment note.

2.2. Transport

Care must be taken when transporting the unit, in order to avoid damage by improper handling or carelessness.

2.3. Storage

The shower system shall only be stored in a decontaminated state.

To avoid damage, the device should only be stored in a clean dry inaccessible rooms intended for unauthorised persons only.

3. Delivery Contents

Included in the delivery contents of a modular shower system unless other agreements have been made:

- Personnel lock system (amount of chambers depending on version)
- Instruction manual

optional • Water management with integrated sewage filtering plant

4. Technical Description

4.1. Unit Description

Foldable personnel lock system of a combination of plastic and aluminium for the separation between contaminated and clean area.

Can be used in small and cramped rooms, where no large shower systems can be installed.

In the case of asbestos removal work within containment areas, it is expected that airborne asbestos fibres will escape the containment area and pose a risk to human health and environment.

For these reasons, containment areas are separated from the asbestos-free areas and kept under dynamic negative pressure by means of negative pressure units

The personnel lock system SMART-LINE was developed and built in order to be able to enter or leave these rooms. It enables the entering and exiting as well as the cleaning of persons without endangering the environment.

4.2. Description of the Personnel Lock System

The following attributes distinguish the personnel lock system:

- Quick assembly and dismantling (without any tools)
- Stable construction
- Easy to transport
- Ready-for-use in few minutes
- 2 sizes, model 750 and model 1000
- Aluminium shower tray and shower roof
- Fixed doors with magnet locks
- Fixed wall elements in the shower chamber
- Self-closing air supply system in the doors
- Hand shower
- Water connection system Geka

5. Technical Data

Dimensions per chamber:

- Model 750: 750 x 750 x 2000 mm
- Model 1000: 1000 x 1000 x 2000 mm

- Weight 3-chamber personnel lock system

- Model 750: approx. 75 kg
- Model 1000: approx. 118 kg

- Weight 5-chamber personnel lock system

- Model 750: approx. 116 kg
- Model 1000: approx. 199 kg

Options:

- Automatic shower

Technical changes reserved

6. Initial Operation / Assembly

6.1. Preperation

Before assembling the personnel lock system:

- the underground must be clean and even



6.2. Assembly

Loosen the straps of the transport safety.



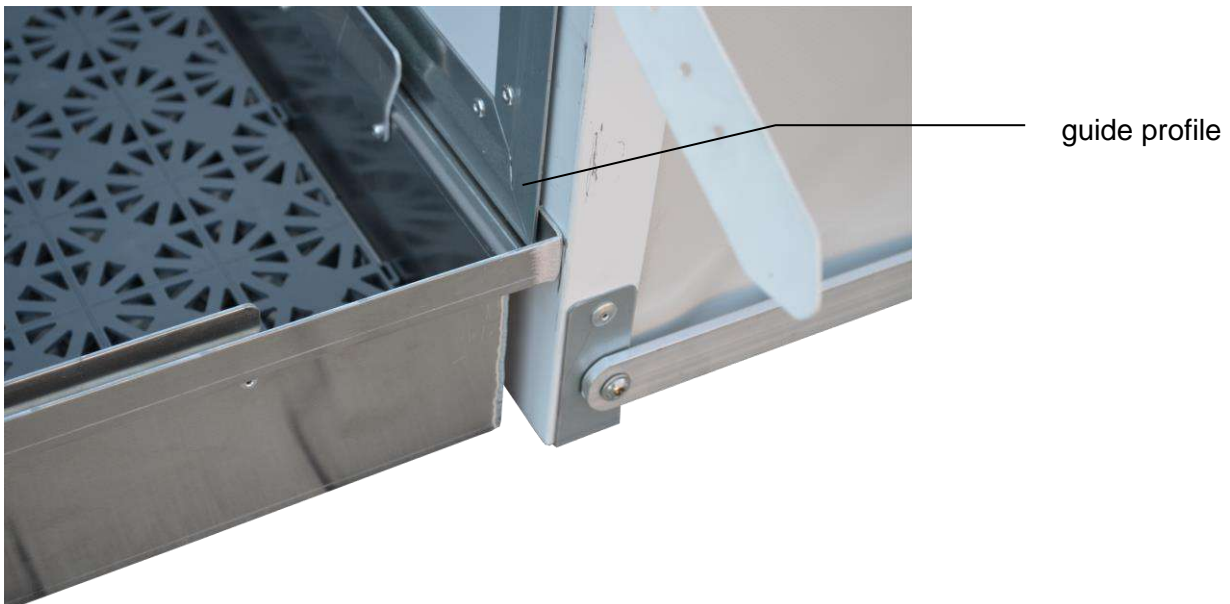
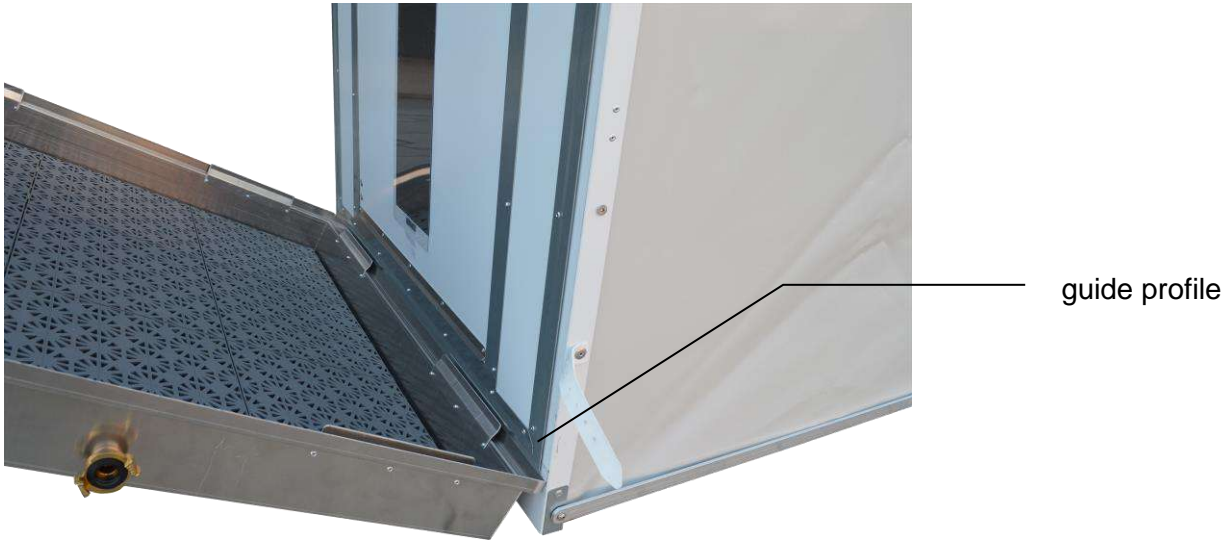
Pull the personnel lock chamber apart so that the PVC tarpaulin is stretched.



Lock the clamping device in the roof and floor area.



Hook the floor element shower under the guide profile of the personnel lock chamber and ensure that the profile snaps in correctly.



2. Build up the foldable chambers and place it on the shower tray.



Place shower roof.



Ensure that the shower roof snaps behind the profile of the chambers.



Insert wall elements of the shower chamber into the guides of the floor element and at the same time ensure that the corner profiles snap behind the guide profile of the chambers.



guide profile

corner profile

guide floor element

Raise the roof element slightly so that the wall element can snap into the guides.



guide roof element

Place the shower device on the GEKA connection in the roof.



7. Maintenance and Care

Daily maintenance

- Check the water pipes for free flow
- Clean the personnel lock system area daily
- Clean the personnel lock system carefully after each end of shift
- Check the floor elements for free flow

Conventional household detergent can be used for cleaning and care.

8. Declaration of Conformity

The manufacturer

deconta GmbH
Im Geer 20
46419 Isselburg

hereby declares that the following product

Product designation: Personenschleuse SMART-LINE

Model name: Modell 750, Modell 1000

Trade name: Personenschleuse SMART-LINE

Description:

Faltbare Personenschleuse aus einer Kombination von Kunststoff und Aluminium zur Trennung zwischen Schwarz- und Weißbereich.

fulfills all the relevant provisions of the legislation (in the following) - including the changes which applied at the time of the declaration. This declaration of conformity is issued under the sole responsibility of the manufacturer.

The following legislation have been applied:

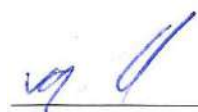
RoHS Directive 2011/65/EU

The following harmonised standards have been applied:

EN IEC 63000:2018

Technical documentation for the assessment of electrical and electronic equipment with regard to the restriction of hazardous substances (IEC 63000:2016)

Place: Isselburg
Date: 11.09.2023



Leiter Konstruktion / head of construction



Leiter Elektro / head of electro