



Explanations see practical Informations on page 6 and 84!

## SAFETY STOREHOUSES

The safety storehouse is a proved, favorably priced mobile outdoor storage facility for hazardous substances.

It can be transported unloaded at any time using a fork-lift truck or crane. Thanks to its modular design there are 13 types for selection. This allows the system to be optimally adapted to suit the user's actual requirements.

If equipped with shelving the safety storehouse is ideally suited for use as a walk-in store for small containers.

**Our standard - double door and lifting attachments for cranes!**



**STATIC APPROVED**



SLH 1 x 2, galvanized, Article no. H61-2101-B, with optional shelving

### Base sump tray with grid support

- ◆ Made from 3 mm **fire galvanized** sheet steel, as per WHG - **Ü-sign according to StawaR**
- ◆ Max. load 1000 kg/m<sup>2</sup>, higher loads on request
- ◆ Ground clearance 100 mm
- ◆ Sump capacity 10 % of possible total storage capacity



SLHs in special colors on request!

### Special container construction

- ◆ Made from specially profiled galvanized sheet steel
- ◆ Reinforced roof and base profile frames
- ◆ Circumferential splash protection made from sheet steel, except in door area
- ◆ **Galvanized steel double door with ventilation slots, 1750 mm wide, lockable with safety lock**
- ◆ Built-in weather-protected ventilation slots in door and opposite rear panel
- ◆ **Lifting attachments for cranes as standard**



SLH 2 x 2, galvanized, Article no. H61-2102-B



Double door in longer side as standard, doors in shorter side on request!

| Model  | SLH 1 x 2          | SLH 2 x 2          | SLH 3 x 2          | SLH 4 x 2          | SLH 5 x 2          | SLH 6 x 2          | SLH 4 x 3          |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| External dimensions W x D x H (mm)           | 2075 x 1075 x 2385 | 2075 x 2075 x 2385 | 3075 x 2075 x 2385 | 4075 x 2075 x 2385 | 5075 x 2075 x 2385 | 6075 x 2075 x 2385 | 4075 x 2875 x 2400 |
| Internal dimensions W x D x H (mm)           | 1980 x 980 x 1970  | 1980 x 1980 x 1970 | 2980 x 1980 x 1970 | 3980 x 1980 x 1970 | 4980 x 1980 x 1970 | 5980 x 1980 x 1970 | 3980 x 2780 x 1970 |
| Sump capacity (l)                            | 300                | 660                | 1000               | 1000               | 1300               | 1500               | 2 x 1000           |
| Delivery                                     | mounted            | mounted            | mounted            | mounted            | mounted            | mounted            | mounted            |
| Article no., galvanized                      | H61-2101-B         | H61-2102-B         | H61-2103-B         | H61-2104-B         | H61-2105-B         | H61-2106-B         | H61-2108-C         |
| Article no., galvanized and exterior painted | H61-6101-B         | H61-6102-B         | H61-6103-B         | H61-6104-B         | H61-6105-B         | H61-6106-B         | H61-6108-C         |



**SAFETY STOREHOUSES**

- ◆ For the storage of water-endangering substances
- ◆ **For the active storage of flammable liquids a forced ventilation is required.**
- ◆ Mounted delivery (SLH 5 x 4, 5 x 6, 5 x 8, 4 x 6 and 4 x 8 premounted).

**Our standard - double door and lifting attachments for cranes!**



**SLH 3 x 2, galvanized and exterior painted, Article no. H61-6103-B**



**Safety storehouses for storing aggressive media (base sump tray with PE insert) on request!**



**SLH 5 x 4, galvanized, Article no. H61-2150-A**

**i** Also available with insulation and heating, please see page 154/155!



**SLH 3 x 2, galvanized and exterior painted, Article no. H61-6103-B**



**SLH 6 x 3, galvanized and exterior painted, Article no. H61-6110-C, special production with double door on the short side**

| Model  | SLH 6 x 3          | SLH 5 x 4  | SLH 5 x 6  | SLH 5 x 8  | SLH 4 x 6  | SLH 4 x 8  |
|--|--------------------|--|--|--|--|--|
| External dimensions W x D x H (mm)           | 6075 x 2875 x 2385 | 5075 x 4330 x 2605   | 5075 x 6560 x 2605   | 5075 x 8790 x 2605   | 4075 x 6560 x 2605   | 4075 x 8790 x 2605   |
| Internal dimensions W x D x H (mm)           | 5980 x 2780 x 1970 | 4980 x 4210 x 1900   | 4980 x 6440 x 1900   | 4980 x 8670 x 1900   | 3980 x 6440 x 1900   | 3980 x 8670 x 1900   |
| Sump capacity (l)                            | 2 x 1400           | 2 x 1300   | 3 x 1300   | 4 x 1300   | 3 x 1000   | 4 x 1000   |
| Delivery                                     | mounted            | 2 components premounted, final installation provided by the customer | 3 components premounted, final installation provided by the customer | 4 components premounted, final installation provided by the customer | 3 components premounted, final installation provided by the customer | 4 components premounted, final installation provided by the customer |
| Article no., galvanized                      | H61-2110-C         | H61-2150-A   | H61-2151-A   | H61-2152-A   | H61-2160-A   | H61-2161-A   |
| Article no., galvanized and exterior painted | H61-6110-C         | H61-6150-A   | H61-6151-A   | H61-6152-A   | H61-6160-A   | H61-6161-A   |



## SAFETY STOREHOUSES WITH NATURAL VENTILATION

- ◆ For the passive storage of flammable liquids
- ◆ The legally required 0.4-fold minimum air exchange rate is achieved by continuous ventilation slots directly above the base sump tray and ventilation slots in the upper area of back wall and door
- ◆ Ground connection to avoid dangerous electrostatic charges
- ◆ Mounted delivery (SLH-NB 5 x 4, 5 x 6, 5 x 8, 4 x 6 and 4 x 8 premounted).

**Our standard - double door and lifting attachments for cranes!**



**Rate of air exchange has been tested and approved in accordance with the latest requirements of DIBt Berlin!**



**SLH-NB 3 x 2, galvanized, Article no. H63-1102-A, with optional ramp**



**i** Accessories such as lightning, ramps and shelves please see page 156/157!

| Model  | SLH-NB 1 x 2       | SLH-NB 2 x 2       | SLH-NB 3 x 2       | SLH-NB 4 x 2       | SLH-NB 5 x 2       | SLH-NB 6 x 2       | SLH-NB 4 x 3       |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| External dimensions W x D x H (mm)           | 2075 x 1075 x 2570 | 2075 x 2075 x 2570 | 3075 x 2075 x 2570 | 4075 x 2075 x 2570 | 5075 x 2075 x 2570 | 6075 x 2075 x 2570 | 4075 x 2875 x 2585 |
| Internal dimensions W x D x H (mm)           | 1980 x 980 x 2150  | 1980 x 1980 x 2150 | 2980 x 1980 x 2150 | 3980 x 1980 x 2150 | 4980 x 1980 x 2150 | 5980 x 1980 x 2150 | 3980 x 2780 x 2150 |
| Sump capacity (l)                            | 300                | 660                | 1000               | 1000               | 1300               | 1500               | 2 x 1000           |
| Delivery                                     | mounted            | mounted            | mounted            | mounted            | mounted            | mounted            | mounted            |
| Article no., galvanized                      | H63-1100-A         | H63-1101-A         | H63-1102-A         | H63-1103-A         | H63-1104-A         | H63-1105-A         | H63-1107-C         |
| Article no., galvanized and exterior painted | H63-2100-A         | H63-2101-A         | H63-2102-A         | H63-2103-A         | H63-2104-A         | H63-2105-A         | H63-2107-C         |



SAFETY STOREHOUSES WITH NATURAL VENTILATION

Rate of air exchange has been tested and approved in accordance with the latest requirements of DIBt Berlin (please see practical information on page 159, Ventilation of hazardous substances storages)!

Our standard - double door and lifting attachments for cranes!



SLH-NB 5 x 2, galvanized, Article no. H63-1104-A

Double door in long side as standard, doors in short side on request! For sizes 5 x 6, 5 x 8, 4 x 6 and 4 x 8 double door in short side!



SLH-NB 2 x 2, galvanized, Article no. H63-1101-A



SLH-NB 3 x 2, galvanized, Article no. H63-1102-A, with optional ramp

| Model  | SLH-NB 6 x 3       | SLH-NB 5 x 4   | SLH-NB 5 x 6   | SLH-NB 5 x 8   | SLH-NB 4 x 6   | SLH-NB 4 x 8   |
|--|--------------------|--|--|--|--|--|
| External dimensions W x D x H (mm)           | 6075 x 2875 x 2570 | 5075 x 4330 x 2790   | 5075 x 6560 x 2790   | 5075 x 8790 x 2790   | 4075 x 6560 x 2790   | 4075 x 8790 x 2790   |
| Internal dimensions W x D x H (mm)           | 5980 x 2780 x 2150 | 4980 x 4210 x 2080   | 4980 x 6440 x 2080   | 4980 x 8670 x 2080   | 3980 x 6440 x 2080   | 3980 x 8670 x 2080   |
| Sump capacity (l)                            | 2 x 1400           | 2 x 1300   | 3 x 1300   | 4 x 1300   | 3 x 1000   | 4 x 1000   |
| Delivery                                     | mounted            | 2 components premounted, final installation provided by the customer | 3 components premounted, final installation provided by the customer | 4 components premounted, final installation provided by the customer | 3 components premounted, final installation provided by the customer | 4 components premounted, final installation provided by the customer |
| Article no., galvanized                      | H63-1109-C         | H63-1150-A   | H63-1151-A   | H63-1152-A   | H63-1160-A   | H63-1161-A   |
| Article no., galvanized and exterior painted | H63-2109-C         | H63-2150-A   | H63-2151-A   | H63-2152-A   | H63-2160-A   | H63-2161-A   |



## THERMO SAFETY STOREHOUSES

**For storing hazardous substances frost-free or at constant temperature**

**Our standard - double door and lifting attachments for cranes!**



**STATIC APPROVED**



- ◆ Mounted delivery (SLT 5 x 4, 5 x 6, 5 x 8, 4 x 6 and 4 x 8 premounted).
- ◆ Safety storehouse insulation: insides of all walls, roof and doors fitted with 60 mm thick, non-flammable insulation material
- ◆ Insulation of base sump tray optional
- ◆ Ground clearance 50 mm by insulated base sump tray
- ◆ Heating according to size and required interior temperature
- ◆ Circumferential splash protection made from sheet steel, except in door area
- ◆ With ground connection to avoid dangerous electrostatic charges
- ◆ **For the storage of flammable liquids a forced ventilation system is required.**



**SLT 3 x 2, galvanized, with special fittings**



**Double door in long side as standard, doors in short side on request!**



**SLT 6 x 3, galvanized**

| Model   | SLT 1 x 2          | SLT 2 x 2          | SLT 3 x 2          | SLT 4 x 2          | SLT 5 x 2          | SLT 6 x 2          | SLT 4 x 3          |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| External dimensions W x D x H (mm)                  | 2075 x 1075 x 2385 | 2075 x 2075 x 2385 | 3075 x 2075 x 2385 | 4075 x 2075 x 2385 | 5075 x 2075 x 2385 | 6075 x 2075 x 2385 | 4075 x 2875 x 2400 |
| Internal dimensions W x D x H (mm)                  | 1840 x 910 x 1900  | 1840 x 1840 x 1900 | 2840 x 1840 x 1900 | 3840 x 1840 x 1900 | 4840 x 1840 x 1900 | 5840 x 1840 x 1900 | 3840 x 2640 x 1900 |
| Sump capacity (l)                                   | 300                | 660                | 1000               | 1000               | 1300               | 1500               | 2 x 1000           |
| Delivery  | mounted            | mounted            | mounted            | mounted            | mounted            | mounted            | mounted            |
| <b>Article no., galvanized</b>                      | <b>H63-1000-A</b>  | <b>H63-1001-A</b>  | <b>H63-1002-A</b>  | <b>H63-1003-A</b>  | <b>H63-1004-A</b>  | <b>H63-1005-A</b>  | <b>H63-1007-C</b>  |
| <b>Article no., galvanized and exterior painted</b> | <b>H63-2000-A</b>  | <b>H63-2001-A</b>  | <b>H63-2002-A</b>  | <b>H63-2003-A</b>  | <b>H63-2004-A</b>  | <b>H63-2005-A</b>  | <b>H63-2007-C</b>  |
| Accessories for model                               | SLT 1 x 2          | SLT 2 x 2          | SLT 3 x 2          | SLT 4 x 2          | SLT 5 x 2          | SLT 6 x 2          | SLT 4 x 3          |
| Base sump tray insulation                           | H63-1020-A         | H63-1021-A         | H63-1022-A         | H63-1023-A         | H63-1024-A         | H63-1025-A         | H63-1027-A         |



THERMO SAFETY STOREHOUSES

**Our standard - double door and lifting attachments for cranes!**



SLT 5 x 2, galvanized and outside painted, with optional fittings



For accessories such as forced ventilation, lamps and shelving see page 156/157!



SLT 5 x 6, galvanized and outside special painted

| Model  | SLT 6 x 3          | SLT 5 x 4  | SLT 5 x 6  | SLT 5 x 8  | SLT 4 x 6  | SLT 4 x 8  |
|--|--------------------|--|--|--|--|--|
| External dimensions W x D x H (mm)           | 6075 x 2875 x 2385 | 5075 x 4330 x 2605   | 5075 x 6560 x 2605   | 5075 x 8790 x 2605   | 4075 x 6560 x 2605   | 4075 x 8790 x 2605   |
| Internal dimensions W x D x H (mm)           | 5840 x 2640 x 1900 | 4840 x 4070 x 1900   | 4840 x 6300 x 1900   | 4840 x 8530 x 1900   | 3840 x 6300 x 1900   | 3840 x 8530 x 1900   |
| Sump capacity (l)                            | 2 x 1400           | 2 x 1300   | 3 x 1300   | 4 x 1300   | 3 x 1000   | 4 x 1000   |
| Delivery                                     | mounted            | 2 components premounted, final installation provided by the customer | 3 components premounted, final installation provided by the customer | 4 components premounted, final installation provided by the customer | 3 components premounted, final installation provided by the customer | 4 components premounted, final installation provided by the customer |
| Article no., galvanized                      | H63-1009-C         | H63-1050-A   | H63-1051-A   | H63-1052-A   | H63-1060-A   | H63-1061-A   |
| Article no., galvanized and exterior painted | H63-2009-C         | H63-2050-A   | H63-2051-A   | H63-2052-A   | H63-2060-A   | H63-2061-A   |
| Accessories for model                        | SLT 6 x 3          | SLT 5 x 4  | SLT 5 x 6  | SLT 5 x 8  | SLT 4 x 6  | SLT 4 x 8  |
| Base sump tray insulation                    | H63-1029-A         | H63-1030-A   | H63-1031-A   | H63-1032-A   | H63-1033-A   | H63-1034-A   |



## ACCESSORIES FOR SAFETY STORAGE HOUSES

The storage of hazardous substances in LaCont Safety Storage Houses is simplified by means of a wide range of accessories. Not only the current and future legal regulations and requirements are fulfilled - even an easy and ergonomic work is going to be encouraged. E.g. a proper and clear arrangement is important when storing hazardous substances in small containers. The LaCont hazardous substances racks are suitable for this purpose. The grid rack sets consist of pre-assembled shelf supports on the SLH wall. The cantilever arms and the three grid levels (depth 500 mm) can be adjusted at the requested height.



### Rack-Sets

|   | Article no. |
|---|-------------|
| Grid rack set with 3 storage levels pre-mounted on container wall - Dimensions W x D (mm): 800 x 500*   | H61-9011-C  |
| Additional grid level (mm): 800 x 500*, incl. 2 cantilever arms   | H61-9011-C1 |
| Grid rack set with 3 storage levels pre-mounted on container wall - Dimensions W x D (mm): 1800 x 500*  | H61-9012-C  |
| Additional grid level (mm): 1800 x 500*, incl. 2 cantilever arms  | H61-9012-C1 |
| Grid rack set with 3 storage levels pre-mounted on container wall - Dimensions W x D (mm): 2600 x 500** | H61-9013-C  |
| Additional grid level (mm): 2600 x 500**, incl. 3 cantilever arms                                       | H61-9013-C1 |

\* Load capacity 100 kg / level / \*\* Load capacity 150 kg / level

### Accessories for increasing the load capacity / level

|                                      | Article no. |
|--------------------------------------|-------------|
| Shelf supports vertical, pre-mounted | H61-9001-B  |
| Shelf arm horizontal, 500 mm*        | H61-9002-B  |

\* Load capacity per shelf arm 50 kg

In order to store containers, drums, pallets and IBCs securely and ergonomically in the safe storage facility, a forklift truck is not necessary. Due to the ramps the transport by means of drum cart or pallet truck is a „piece of cake“. Depending on the application, the ramps are available with different lengths and pitch angles.

### Ramps

|  | Article no. |
|--|-------------|
| For drum cart  | H61-9007-D  |
| Dimensions L x W x H (mm) = 1200 x 1000 x 320,<br>Material: steel checker plate, fire-galvanized |             |
| For pallet truck   | H61-9008-C  |
| Dimensions L x W x H (mm) = 2900 x 1000 x 320,<br>Material: steel checker plate, fire-galvanized |             |



Ramp for pallet truck, Article no. H61-9008-C



Appropriate lighting is to be ensured within a store for hazardous substances. (s. ASR A3.4). Electric lighting is not always necessary for this purpose. By means of an optional roof light strip, daylight or, of course, light sources outside the warehouse can also be used for the illumination in the bright season.

### Roof light strip

For the natural lighting of safety storage houses

### Article no.

On request!

Caution!!! Only suitable for the storage of non-flammable liquids!



FITTINGS FOR SAFETY STORAGE HOUSES SLH / SLH-NB / SLT

With regard to explosion protection requirements, a distinction must always be made between the storage of water-endangering and flammable liquids.

**Electrical fittings (premounted)**

**1. For the storage of water-endangering liquids**

When storing water-hazardous liquids, e.g. oils, lubricants, greases, etc., there are no special requirements for the explosion protection of the electrical installations.

| Lighting                            | Article no. |
|-------------------------------------|-------------|
| LED Moisture-proof lamp 230 V, 43 W | H61-9009-E  |

| Convection heating, not ex-proof, incl. collision protection | 2 kW / 230 V                                   | 3 kW / 230 V                   | 5 kW / 400 V           |
|--|--|--------------------------------|------------------------|
| Frost-free storage for SLT type:                             | 1 x 2 / 2 x 2 / 3 x 2<br>4 x 2 / 5 x 2 / 4 x 3 | 6 x 2 / 6 x 3<br>5 x 4 / 4 x 6 | 5 x 6 / 4 x 8<br>5 x 8 |
| Article no.  | H63-9020-A                                     | H63-9080-A                     | H63-9081-A             |

**2. For the storage of flammable liquids**

When storing flammable liquids, e.g. paints, solvents, etc., a distinction is made between passive and active storage (see TRGS 509/510).

2.1 In the case of passive storage, no filling activities are carried out within the storehouse. In order to achieve the required air exchange, natural or technical ventilation (0.4 to 2-fold air exchange) is required.

| For the passive storage of flammable liquids                          | Article no. |
|---|-------------|
| LED Lamp ex-zone II, 230 V, 40 W, effective luminous flux 6430 lm     | H61-9090-B  |
| Technical forced ventilation ex-proof (wall ventilator) 230 V / 50 Hz | H61-9006-C  |

2.2 In the case of active storage, filling activities are carried out within the storehouse. In order to achieve the required air exchange a technical forced ventilation (> 5-fold air exchange) is required only.

| For the active storage of flammable liquids                             | Article no. |
|---|-------------|
| LED Lamp ex-zone I, 230 V, 40 W, effective luminous flux 6290 lm        | H61-9091-B  |
| Technical forced ventilation ex-proof (tube fan)                        | H61-9026-B  |
| Exhaust air monitoring incl. flow sensor and signal horn for alarming*  | H61-9053-B  |
| Potential equalizing bar on the outside of the container as per DIN VDE | H63-9031-A  |

\* According to TRGS 510, a technical exhaust air monitoring system is to be installed in the case of at least two-fold air exchange (active storage)!

| Heating ex-proof, T3 incl. collision protection | 2 kW / 230 V          | 3 kW / 230 V  | 2 x 2 kW / 230 V | 2 x 3 kW / 230 V |
|---|-----------------------|---------------|------------------|------------------|
| Frost-free storage for SLT type:                | 1 x 2 / 2 x 2 / 3 x 2 | 6 x 2 / 6 x 3 | 5 x 6 / 4 x 6    | 4 x 8 / 5 x 8    |
| Passive storage                                 | 4 x 2 / 5 x 2 / 4 x 3 | 5 x 4         |                  |                  |
| Frost-free storage for SLT type:                | 1 x 2 / 2 x 2         | 5 x 2 / 6 x 2 | 6 x 3            | 5 x 4 / 5 x 6    |
| Active storage                                  | 3 x 2 / 4 x 2         | 4 x 3         |                  |                  |
| Article no.                                     | H63-9002-A            | H63-9003-A    | H63-9009-A       | H63-9011-A       |

| Convection heating, ex-proof, T3, incl. collision protection | 6,9 kW / 400 V | 9,3 kW / 400 V |
|--|----------------|----------------|
| Frost-free storage for SLT type:                             | 4 x 6          | 4 x 8 / 5 x 8  |
| Active storage   |                |                |
| Article no.  | H63-9071-A     | H63-9072-A     |

**Plastic switch box**

- ◆ IP 65 attached to the outside of the storehouse
- ◆ Incl. complete wiring of the electrical fittings
- ◆ To accommodate all fuses and controls

| Switch box                                     | Article no. |
|--|-------------|
| All electrical fittings wired up to switch box | H63-9007-A  |



LED Moisture-proof lamp 230 V, 43 W, Article no. H61-9009-E



Convection heating 2 kW, not ex-proof, Article no. H63-9020-A



When using insulation of the base sump tray we guarantee a frost-free storage up to an outside temperature of -15°C!



LED Lamp ex-zone II, 230 V, 40 W, Article no. H61-9090-B



Technical forced ventilation, ex-proof, Article no. H61-9006-C



Heating, ex-proof, 2 kW / 230 V, Article no. H63-9002-A



Exhaust air monitoring, Article no. H61-9053-B



Potential equalizing bar, Article no. H63-9031-A



Switch box, Article no. H63-9007-A



Optional plug connection for SLH combination