

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 ergonomical 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

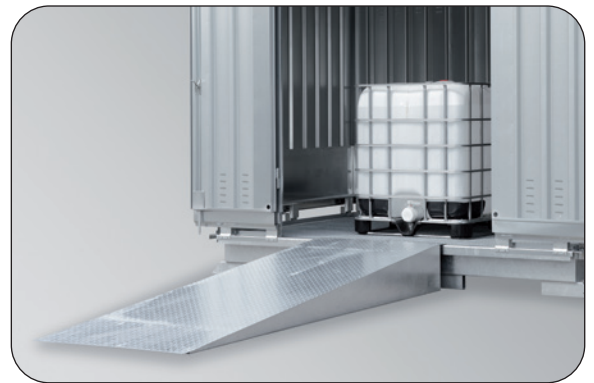
	Article no.
Shelf supports vertical, pre-mounted	H61-9001-B
Shelf arm horizontal, 500 mm*	H61-9002-B

* Load capacity per shelf arm 50 kg

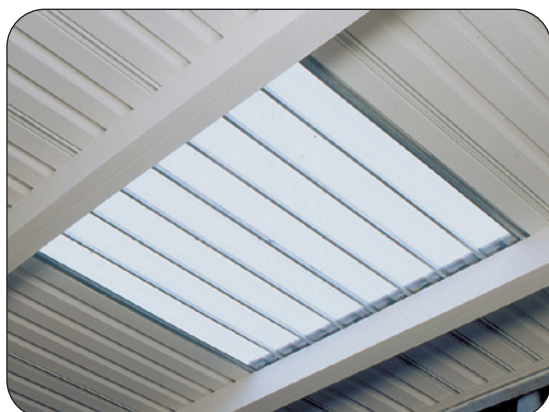
In order to store containers, drums, pallets and IBCs securely and ergonomically in the safe storage facility, a forklift truck is not necessary. Due to the ramps the transport by means of drum cart or pallet truck is a „piece of cake“. Depending on the application, the ramps are available with different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

Ramps

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



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

	Article no.
For the natural lighting of safety storage houses	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 4 x 2 / 5 x 2 / 4 x 3	6 x 2 / 6 x 3 5 x 4 / 4 x 6	5 x 6 / 4 x 8 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



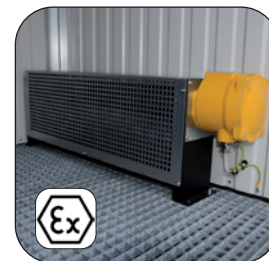
When using insulation of the base sump tray we guarantee a frost-free storage up to an outside temperature of -15°C!



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