LEHNER
LIFTTECHNIK

LIFTBOY 1/2/3

USER AND INSTALLATION MANUAL

User and installation manual

„Liftboy 1-3“

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Take a look at the
installation video of
the Liftboy 1/2/3

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1 INTRODUCTION

We would like to congratulate you on your purchase of a platform lift from Lehner Lifttechnik GmbH and welcome you to our large circle of satisfied customers. For more than 30 years, our lifts have been known as reliable means of transport, which are characterized by individual adaptation to structural conditions.

The *Liftboy 1-3* platform lift represents a new generation of platform lifts with proven technology. The lift has been built according to the currently valid European safety rules.

As with any appliance that works under load and whose parts are in motion, the utmost attention is required. Please read this user manual carefully. Make sure that every user of the lift has read and understood the user manual before using the lift. You will find instructions for operating the unit as well as safety instructions.

Use these instructions to benefit from Lehner Lifttechnik's many years of experience in the operation of accessibility lifts. Proper care of the system on your part as well as scheduled maintenance by a competent company will provide you with a reliable lift over a long period of time.

Lehner Lifttechnik GmbH and its authorized partner companies offer you a comprehensive maintenance program specifically for your installation. Take advantage of the manufacturer's experience to achieve the highest possible efficiency for your lift system.

Keep these operating instructions for future reference.

Lehner Lifttechnik GmbH expressly rejects any liability for breakdowns caused by disregard of these instructions, non-compliance with the safety instructions or incorrect handling.

We hope you enjoy using the *Liftboy* platform lift!

2 ATTENTION – SAFETY FIRST

This manual also contains instructions for emergencies. It must therefore be ensured that this manual is always available at the installation and kept accessible to the operator, lift attendant, rescue and maintenance personnel.

Please carefully observe the following points/regulations:

2.1 Signs and symbols used

The following signs enable you to become aware of important points immediately. This makes it much easier to use the operating instructions.

All passages marked with this sign require special attention. They are notes for smooth operation or important recommendations.

Warning: In the case of text passages with this sign, failure to observe the procedure indicated may lead to dangerous situations, causing personal injury or damage to property. Therefore, read these points with special care.

Text passages with this symbol refer to actions that must not be carried out under any circumstances. In case of non-observance, there is immediate increased danger, whereby personal injury or damage to property may occur.

Image

All pictures, photos and drawings used in this manual are symbolic only and may differ from reality.

2.2 Platform lift operator

At least one responsible person must be appointed for each platform lift; this person must be easily reachable during the operating time of the installation. The installation must be maintained in a safe condition. If the system is found to be unsafe, it must be taken out of service immediately; danger zones must be secured. Accidents must be reported immediately to the expert (lift inspector or installation company) or the manufacturer.

The person in charge must make sure on a weekly basis that there are no obviously dangerous operational defects and that the tasks listed in the chapter **13 Duties of the platform lift operator** are being carried out carefully.

2.3 User group

The platform lift may only be used by competent, qualified, and responsible persons who are familiar with the system. The user must be able to assume responsibility for himself and for third parties.

Persons who do not meet these requirements, as well as children, may only be transported by accompanying persons who also assume responsibility for the person being transported.

2.4 Range of application

The platform lift may only be used on stairs or accessible ramps. It is recommended to install the system in predominantly dry rooms. The ambient temperature must not be below -15 °C or above + 40°C. This type is not suitable for use in unusual locations (e.g. explosive areas, areas with aggressive media, etc.).

Outdoor use is possible in principle, however, in the case of outdoor installations that are exposed to the weather, it may be necessary to clear parts of the installation of ice and snow in winter on a case-by-case basis.

2.5 Qualified workers

Installation, maintenance, repairs, and checks must be carried out by qualified persons, preferably by companies authorised by Lehner Lifttechnik.

2.6 Decommissioning

When the unit is taken out of service for cleaning, maintenance, or repair work, it must be protected against unintentional movement. The key switches on the call stations must be switched off and the keys removed.

2.7 Intended use

2.7.1 Safety instructions

Observe the following points for correct use:

- The platform lift is built to transport physically disabled persons with wheelchairs.
- Only **1 person at a time** may be transported ***seated in a wheelchair***.
- The platform lift is not intended for transporting loads.
- Always lock the platform lift so that it cannot be operated by unauthorised persons (e.g. children playing).
- Adhere to the specified maximum loads and observe the available platform size.
- Observe instructions attached to the unit.
- The system must be maintained and safety-checked at the prescribed intervals.

- Do not use the platform lift in case of fire! There could be a power failure during the ride and the user would be trapped.
- Never exceed the permissible payload. The payload is indicated on the control panel of the platform.
- Never bring your hands or loose clothing near the platform mechanism or the grinding wall when the lift is running.
- Do not open the revolving doors (if present) by force.
- Do not disable any safety device by making mechanical or electrical changes to the installation. Without the written consent of Lehner Lifttechnik, all types of adjustments and/or modifications to the system are prohibited.

Preventive inspections and regular maintenance of the system are highly recommended and guarantee long-term, safe operation. Report anything unusual to your service technician. Do not use the lift if you notice any irregularities, unusual noises or vibrations – call the service department immediately. All instructions and advice from experts, fitters and service personnel must be followed.

2.7.2 Use of the platform lift

The platform lift may only be used if it is in technically perfect condition. Any malfunction that could affect safety must be avoided or eliminated.

Report anything unusual to your service technician. Do not use the platform lift in case of irregularities and unusual noises - call the service immediately. All instructions and directions from experts, fitters and service personnel must be followed.

Before entering the up or down command, make sure that no one is endangered by the movement of the system. Always look in the direction of travel!

The transport of goods is only permitted if sufficient stability is ensured so that they cannot slip or fall over.

Also, keep the keys in a safe place and do not give them to unauthorised persons. Do not leave the keys on the vehicle or at the call points when the lift is not in use.

3 TECHNICAL EQUIPMENT

The Liftboy platform lift was developed for transporting wheelchair users. The lift is driven by a scissor lift mechanism. The lift motor is supplied with 24V voltage (as long as the power supply unit is connected).

The basic version comes with a mechanical access ramp, safety curtain, half-height side barriers and a handheld control on the platform. The lift can be operated from 2 remote controls in the stops (if available) and from the control on the platform.

3.1 Schematic representation

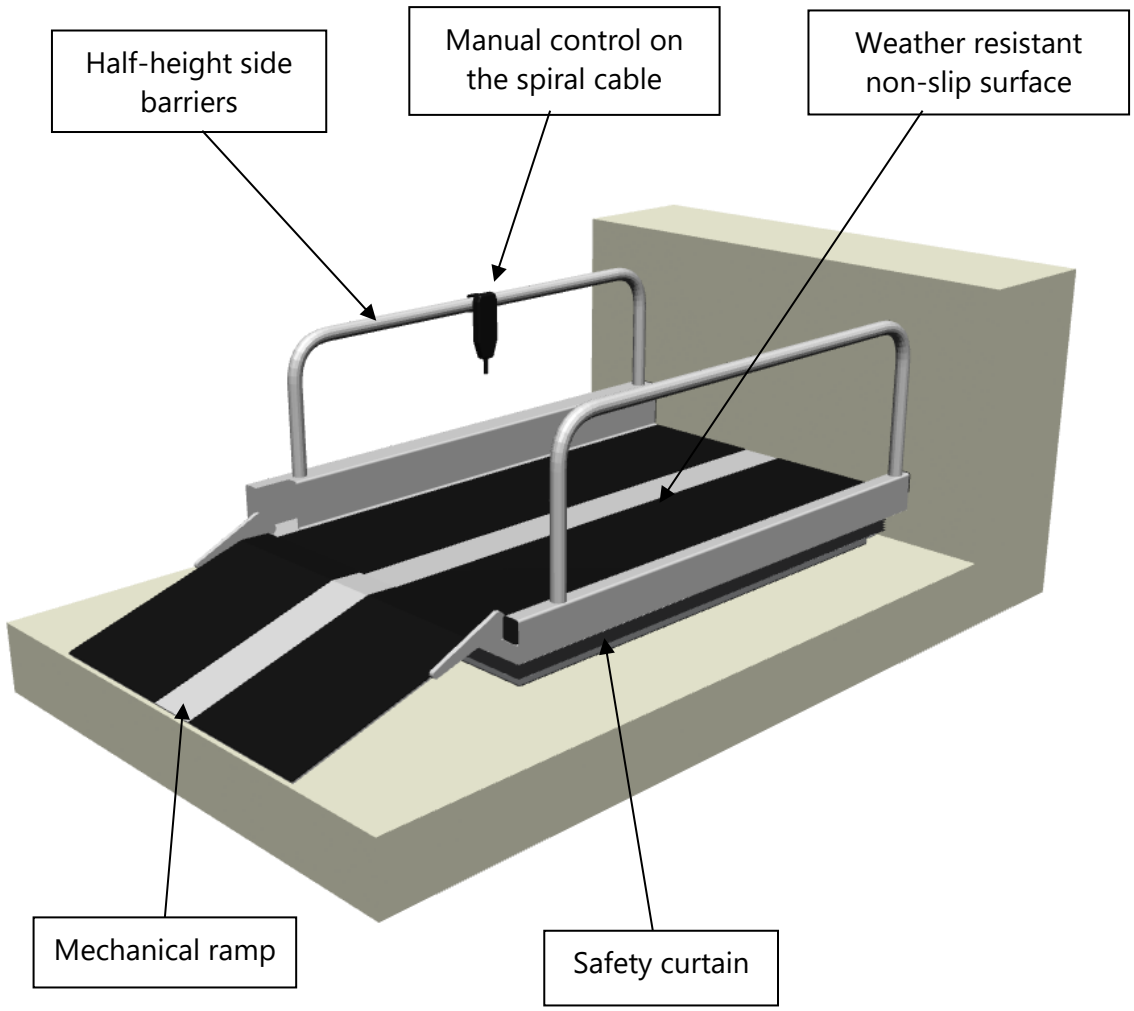

Fig. 3.1 – Schematic representation

3.2 Optional versions

The Liftboy can be equipped with the following options:

- Electric access ramp
- Revolving door at upper landing (optional with automatic door opener for Liftboy 3)
- Side entrance at lower stop or exit at upper stop
- Contact bars for downward travel (recommended if installed in a pit)
- Radio remote controls
- Shortened ramp for installation in a pit
- Control pillar for platform operation buttons
- High lateral barriers
- Transport wheels

Fig. 3.3 - with side entrance and revolving door

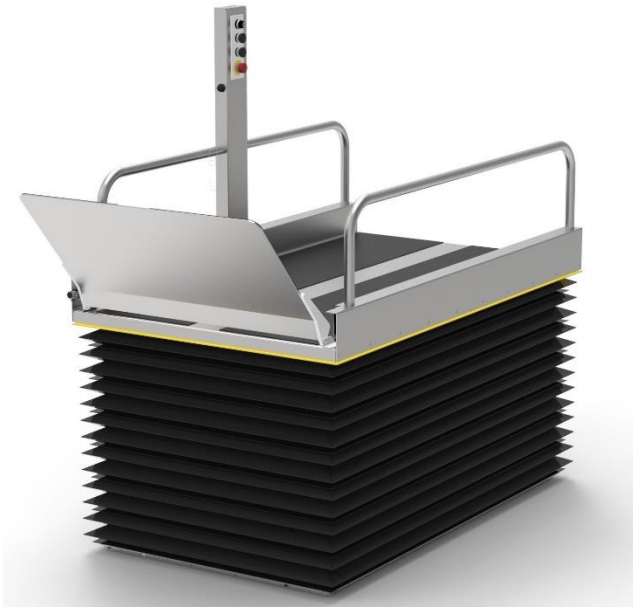

Fig. 3.2 - with electric ramp and control panel

3.3 Technical specifications

	Liftboy 1	Liftboy 2/3
Load capacity	180 kg	300/240 kg
Speed	10 mm/s	10 mm/s
Minimum height of the platform	100 mm	120/135 mm
Drive system	24 V actuator	24 V actuator
Internal dimensions	713 x 1170 mm	800 x 1495 mm
External dimensions	810 x 1180 mm	924 x 1505 mm
Power supply	1 × 230 V / 50-60 Hz n	1 × 230 V / 50-60 Hz
Standard ramp	500 mm	500/750 mm
Standard colours	RAL 7035 / 9007	RAL 7035 / 9007

Table 3.1 – Technical specifications

In some situations, it is necessary to make a special adjustment to the platform lift, which may change the above specifications.

4 SAFETY DEVICES

4.1 Access ramp

The ramp, which has to be folded up during the ride, prevents a fall in longitudinal direction. This always opens automatically in the lower stop as long as the travel command is held down.

4.2 Safety curtain

The safety curtain is fitted around the platform mechanics and serves as an intervention protection.

4.3 Safety bar (optional)

The safety bar serves as a visual fall protection at the upper landing when the platform is at the bottom.

4.4 Circumferential contact bars (optional)

Contact bars can be fitted to the sides of the platform floor which prevent jamming in the downward direction of travel when the unit is mounted in a pit. The travel command in the opposite direction remains active.

4.5 Overload device

The platform is equipped with an overload device in upward travel. If the load capacity specified on the type plate is exceeded, an overcurrent potentiometer switches off the system. In this state, it is not possible to drive up.

The platform must never be overloaded. In case of overload, reduce the excess load immediately.

4.6 Emergency stop

The Liftboy platform lift is equipped with an emergency stop button. If you need to stop the platform in an emergency, press the red button and the lift stops. Unlocking is done by pressing it again or turning it clockwise.

5 INSTALLATION AND COMMISSIONING

The system may only be set up and commissioned by a competent partner company of Lehner Lifttechnik GmbH. When setting up the lift, it must be ensured that no impacts or vibrations from neighbouring machines have an effect on the system. This could affect the electronics or the precision mechanics of the lift. The load-bearing capacity must be checked on the basis of the support load per unit area.

Take a look at the **installation video** of the Liftboy 1/2/3

5.1 Installation site

The detailed installation drawing for your system is in the box we supply. This box also contains the charger and the corresponding control unit (radio remote control (optional), hand cassette and transformer).

It is important that the floor at the installation site is **level and horizontal**. The platform mechanism and the underlying frame of the platform **must be in full contact with the floor**. If this is not the case, the platform mechanism will be deformed and damaged which can result in an accident!

If the ground is not horizontal, the platform must **NOT** be brought into a horizontal position by using shims or wedges. In this case, the floor or the foundation must be adjusted! **The installation surface must be level and horizontal!**

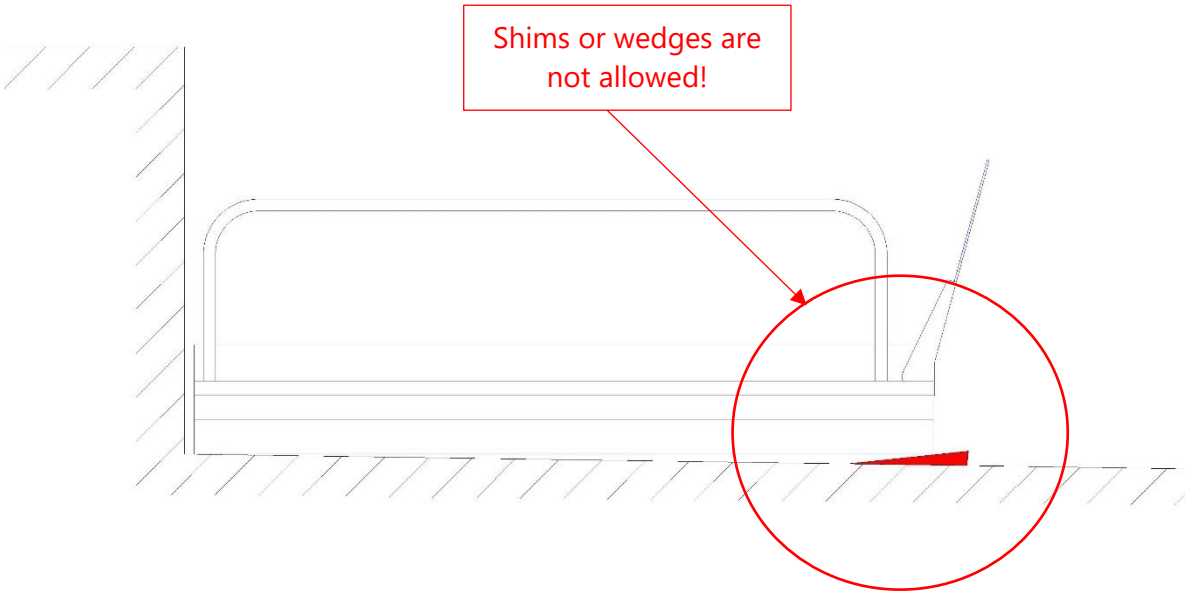

Fig. 5.1 - Installation space

5.2 Transport of the unit

Take the pallet to the installation site and unpack the cardboard box.

Fig. 5.2 – Unpacking the unit

Now lift the platform down from the pallet.

You must grasp the platform underside to be able to lift the platform - see picture below right. Never lift the platform by the top. This could damage the platform mechanism!

Fig. 5.3 – lift platform down from the pallet

5.3 Assembly of the unit

Now mount the ramp and attach the ramp motor to the ramp.

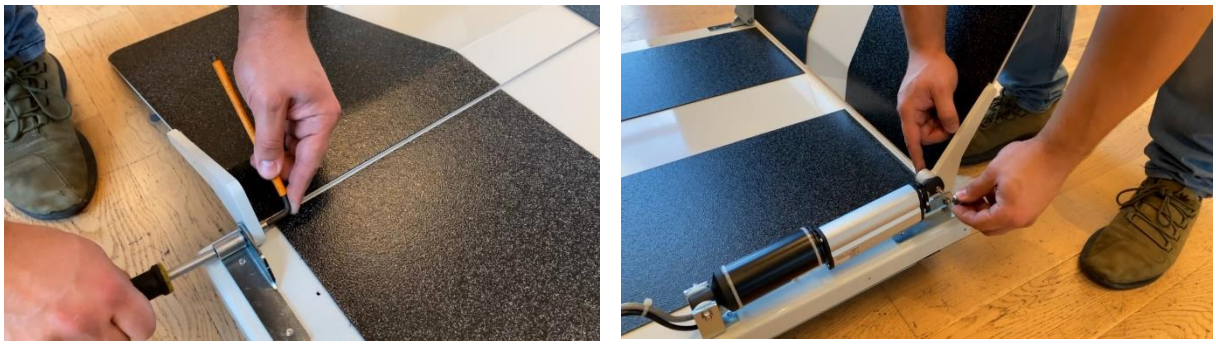

Fig. 5.4 mount the ramp and ramp motor

Mount the side barriers. Pay attention to the wiring of the emergency stop button as well as the plug connection for the hand cassette.

Fig. 5.5 – Installation of side barriers and wiring

Attach the cover flaps to the side barriers and the rubber strip to the underside of the ramp.

Fig. 5.6 – mount covers

Connect the hand cassette and the transformer to the platform lift.

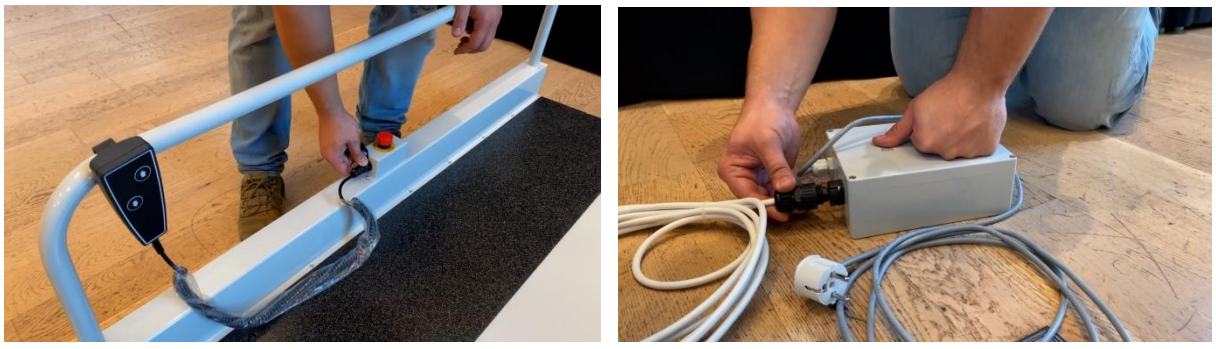

Fig. 5.7 – connect hand cassette

To adjust/change the lifting height, the upper limit switch must be moved to the correct position. Move to the desired upper position and open the safety curtain.

Now the limit switch can be loosened and moved to the correct position. The correct position is found when the limit switch is actuated by the mechanical stop. A soft click should be audible in the switch here.

Fig. 5.8 – Adjusting the lifting height

Check several times the ascent and descent of the installation (with and without load) as well as the correct stopping at the upper stop and the function of the drive-up ramp in the lower stop. Now the Liftboy is completely assembled.

Fig. 5.9 – finished installation

If you have any problems or questions, contact your Lehner Lifttechnik partner or customer service immediately. Installation work on the entire system may only be carried out by the manufacturer or its authorised partner companies. Failure to do so will invalidate the operating and warranty permit and result in the exclusion of liability for consequential damage of any kind.

5.4 Dismantling and disposal

Dismantling work on the entire system may only be carried out by the manufacturer or its authorised partner companies. According to the European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in national law, used electrical equipment must be collected separately and recycled in an environmentally sound manner.

6 OPERATING ELEMENTS

6.1 Der Transformer

The transformer connects the system to the power grid.

The connecting cable with the plug is located on the side of the platform base.

The transformer must be connected so that the system is ready for operation. By disconnecting it, the power can be switched off on the entire system and the control unit.

Fig. 6.1 - Transformer

6.2 Controls on the platform

The platform is equipped with a hand cassette on the spiral cable as standard. This allows an ergonomic sitting position while operating the platform.

The travel buttons are located on the hand cassette. An emergency stop button and optionally a key switch are mounted on the platform. The hand cassette is only used to drive the platform and to open and close the access ramp.

Alternatively, or additionally, the operating elements can also be attached to a control pillar.

Fig. 6.3 – control panel

Fig. 6.2 – hand cassette

6.3 Call stations at the stops (optional)

Landing control stations can be located at each stop. The control station must be activated with the key switch before operation. The control stations are used for calling and sending, as well as for opening and closing the access ramp. The landing control can be hard wired or with radio signal.

The radio control stations flashes a green light when the radio signal is working. The radio control stations are powered by 2 x AAA / 1.5V batteries as standard. The battery life is approx. 1 year.

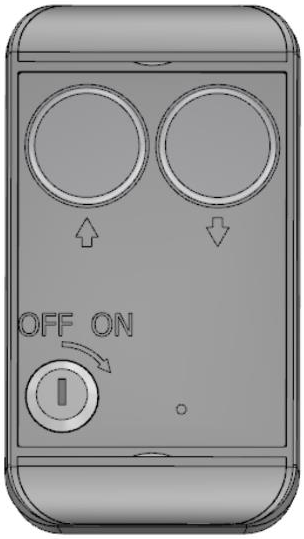

Fig. 6.4 – radio control

The status of the radio cassette can be read from the LED:

LED	**Description**
Green glow	Radio connection available and move command active.
Orange glow	Radio connection present and lift does not move. Possible reasons: ▪ e.g.: The lift is already at the top landing when the Up button is pressed. ▪ Safety circuit interrupted.
Red glow	Radio connection available, but the lift is busy. Lift is operated from the platform or from another call station.
Green flashing	Radio transmitter has been successfully registered with the receiver.
Orange flashing	Radio connection interrupted.
Red flashing	The battery of the radio transmitter is weak and should be replaced.

Table 6.1 - LED-Status-Display

7 OPERATING THE PLATFORM

The platform lift is safe and easy to use. The operation is optimally adapted to the user with walking difficulties.

Before moving the platform, make sure that nobody is endangered by the movement of the platform and the optional revolving doors. If a dangerous situation arises while the platform is moving, stop the platform immediately by releasing the command button!

7.1 Call the platform

If the platform is not at the desired stop, it can be summoned with the call station. The platform can only be controlled from the stops when the optional revolving doors are closed.

- **Switch on the call station by** inserting the key and turning it. The green lamp now lights up.
- **Press the move command button "Up" or "Down".** The platform moves in the corresponding direction as long as the button remains pressed. If you release the button while the platform is moving, the platform stops immediately.
- **The platform stops** independently when reaching the stops.
- **In the lower stop, the access ramp opens automatically** as long as the drive-down command remains pressed.
- **Switch the optional call station off again** when the platform has stopped in the stop by turning and removing the key.

The lift can only be controlled from the stops when the revolving doors are closed.

7.2 Opening the ramps / revolving door and driving on the platform

At the lower stop, the access ramp opens automatically as long as the drive-down command remains pressed.

A revolving door is optionally possible at the upper stop.

Manual revolving door (optional)

When the platform has reached the upper landing, the revolving door can be opened manually.

When the door is opened, the control commands of the call stations are automatically cancelled so that the platform cannot be operated by another person at the same time and safe travel on the platform is ensured.

You can now drive on the platform.

Close the revolving door manually again; this enables steering from the platform.

Automatic revolving door (optional with Liftboy 3)

When the platform has entered the landing, the revolving door opens automatically. Please note that you are not in the door's turning range while it is opening.

When the door is opened, the control commands of the call station are automatically cancelled so that the lift cannot be operated by another person at the same time and safe travel on the platform is guaranteed.

You can now drive on the platform.

The automatic swing door closes again automatically after an opening time set during installation. Please ensure that you are not in the door's turning range when it is closing.

7.3 Driving with the platform

The drive command buttons, and an emergency stop button are located on the platform.

The wheelchair must be secured against rolling on the platform by a parking brake or, in the case of electric wheelchairs, by equivalent measures (e.g. switching off)!

The **travel command** is given by pressing the travel command for the desired direction. Keep the travel command button pressed until you reach the desired stop.

If you release the drive command button while driving, the lift stops immediately. If the lift does not stop when the drive command switch is released, an emergency stop (red button) has been installed for additional safety. If this emergency stop is pressed, the system stops immediately. The emergency stop button is unlocked again by pressing it again or turning it clockwise.

7.4 Leaving the platform

The lift is designed so that the platform stops in the right place in the stops. After the platform has stopped at the desired stop, you can release the travel command and exit the platform.

Manual revolving door (optional)

Open the revolving door manually again. You can now leave the platform. After leaving the platform, the manual revolving door must be closed so that the call stations become active again. The platform can now be called to a desired location or used by another person.

Automatic revolving door (optional with Liftboy 3)

The automatic revolving door opens automatically. You can now leave the platform.

Depending on the lifting height, there may be a small step between the platform level and the stop level (caution: risk of tripping).

The automatic revolving door closes again automatically after an opening time set during installation. Please ensure that you are not in the door's turning range when it is closing!

8 ERROR DETECTION

8.1 General

For safety reasons, your Liftboy platform lift includes a number of electrical and mechanical interlocks and touch-sensitive edges. If any of these items are out of order, the lift will not operate. In the event of a breakdown, you can check your system for faults yourself with the support of the points listed below or contact the service personnel. Under no circumstances may you manipulate, modify or remove the safety devices of the system.

In the event of a malfunction, the following instructions must be worked through completely, point by point. Do not skip any step!

Before you start, consider the following points:

- Visually inspect the entire installation for damage, deformations, etc.
- Check that no mechanical obstacles hinder the upward or downward movement (impurities, foreign bodies).
- Check that the unit is switched on.
- Please make sure that the system cannot be operated from the external call points as long as a door is open or someone is operating the system from the platform. Check that the doors are closed and locked.
- Check whether the batteries (if any) in the landing call stations are empty and have them replaced with new ones if necessary.
- Check that the electrical cables and connections are firmly connected and not damaged.
- Also note that the first call point to be activated by a command signal takes control of the system (provided that no one operates the controls on the platform), so no other call point can be used until that command signal is deactivated.
- When calling for service, please have the production number to hand. This is located on the front of the lift and is marked with the serial number "LE xxxxx". This number is the quickest way to identify your lift and provide you with efficient information.

8.2 Error table

Error	Cause	Remedy
The system does not run at all.	The power supply unit is not connected.	Supply power to the charger.
	Key switch on the operating cassette is off.	Switch on the key switch.
	EMERGENCY STOP button actuated.	Unlock the button by pressing it again and turning it clockwise.
	Revolving doors are not closed and locked.	Close doors firmly.
	Platform moves against mechanical resistance.	Remove obstacle.
Platform does not reach the intended height.	Upper limit switch does not work properly.	Replace the switch or have it reset by the service company.
Platform does not move upwards.	The automatic ramp is not folded up.	Check the ramp motor.
Platform does not move down.	The contact bar under the platform is blocked / activated.	Clear the contact bar by moving upwards and removing the object.
A revolving door does not open	The platform does not reach the landing completely or the door zone switch and/or limit switch is defective.	Replace the switch or have it reset by the service company. Check whether the contact bar is activated.

Table 8.1 – Error table

9 LIBERATION OF A PASSENGER

If the platform remains in occupied condition somewhere between the landings and all the above points have been checked, the passenger can be freed by a person instructed for this purpose. The passenger must be freed by 2 persons!

If the platform is close to the lower landing, it is recommended that the wheelchair user is lowered.

To do this, disconnect the connection between the ramp motor and the drive-up ramp and fold the ramp down.

Fig. 9.1 – Liberation of a passenger

If the platform is close to the upper landing, recovery upwards is recommended.

An optional revolving door at the upper landing must be mechanically unlocked before it can be opened.

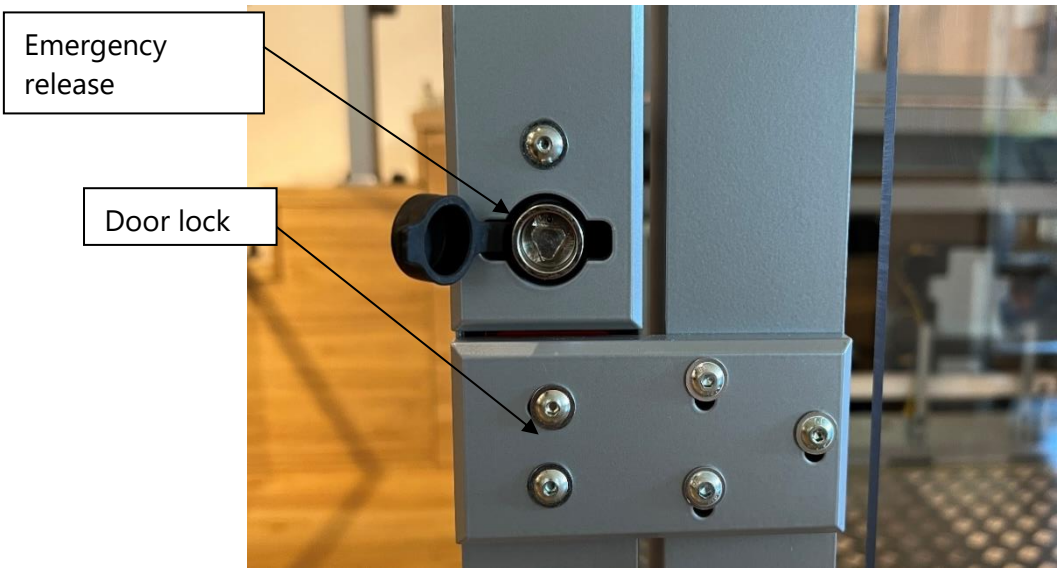

Fig. 9.2 – revolving door

After opening, the manual revolving door should be locked again.

After freeing a passenger, always call the service department! The system must be checked.

10 CONTROL AND MAINTENANCE

10.1 Security checks

Check the following points regularly:

- The lift must not start as long as the ramps or the revolving doors are open. During travel, the doors must be closed and the ramps folded up.
- The connecting linkage between the access ramp and the ramp motor must be in perfect condition (securely screwed on).
- The platform must stop independently when reaching the stops.
- When releasing the travel command button, the platform must stop without a longer overrun.
- The emergency stop button must shut down the entire system when pressed.
- If an emergency call is available, it must always work.

10.2 Cleaning

Clean the unit at regular intervals to remove dust and dirt. Please observe the following points:

- For safety reasons, the lift must always be taken out of operation before cleaning.
- Never use cleaning agents that require special ventilation.
- Do not use aggressive cleaning agents to clean plastic-coated or painted surfaces.
- Stainless steel surfaces should be treated with a commercially available cleaning agent (stainless steel care spray, lightly greasing) , do not use scouring powder.
- The command buttons must never be treated with cleaning sprays or the like (sticking of the buttons is possible!). The floor should be wiped with a damp dust rag.
- Avoid wetness, especially with the operating elements (no splashing water)!
- Further maintenance work may only be carried out by employees of the manufacturer or its authorised partner companies!

11 MAINTENANCE / INSPECTION

To ensure safe and trouble-free operation of your platform over a long period of time, regular professional maintenance, care and cleaning on the one hand and regular safety checks on the other hand are absolutely necessary. Good maintenance and care significantly increases the service life and offers users the highest possible level of safety.

Maintenance of your Liftboy platform lift is **absolutely** necessary. The prescribed maintenance intervals are as follows (even with low use):

- 1. maintenance approx. 6 months after commissioning
- All other maintenance at least once a year
- Depending on local conditions and in case of frequent use, maintenance must be carried out correspondingly more often.

We recommend that you conclude a technical maintenance contract with your installation company. You will receive a maintenance offer for your platform lift that is specifically adapted to the type of use of your platform and your needs.

11.1 Review

Please ask your installation company whether the platform lift must be inspected by a lift expert after installation. These inspections must be documented in an inspection book.

11.2 Maintenance instructions

At each maintenance, the rectified defects are to be entered in the maintenance book. Any faults or indications of faults must be discussed with the operator of the lift system. Each maintenance must be recorded in the maintenance book of the respective system with date and signature.

Carefully check the fastening of the bolted connections of the entire installation. Carefully check any fastenings holding the parts of the installation together - tighten every nut, bolt and screw.

Check smooth ascent and descent along the entire length of the installation, as well as stopping at the end stations several times. This is to be checked from the radio control stations as well as from the platform and when fully loaded.

Check the following points in detail:

11.2.1 Platform controls

- Emergency stop switch on the platform
- Up and down buttons on the landing control
- Up and down operation on the spiral cable
- Landing control key switch

11.2.2 Hinged doors (optional)

- For each revolving door, the setting and function of the interlock and its contacts must be checked.
- Never leave revolving doors in the unlocked position (danger of falling!).

11.2.3 Mechanics of the ramps and the scissor lift

- Remove the safety curtain and check all mechanical parts as well as the castors for damage, bearing noise, wear and smooth running.
- If necessary, apply a thin film of lubricant sparingly.
- The fastening must be checked for the access ramp.

11.2.4 Safety curtain and contact bars (optional)

- Check the position of safety curtain as well as the correct stopping when the optional contract bars are actuated and the possibility to travel in the opposite direction.

11.2.5 Mechanical switches

- Check all mechanical switches (position switches of the platform mechanics, limit switches in the stops, etc.) for their function and sufficient play of the rollers.
- Check mechanical switches for function (test faulty switching)
- Check all fastening and actuating elements of the forced switches for secure hold.

11.2.6 Gearbox and drive motor

- Visual inspection of the drive
- Check engine mounting for firm anchorage
- Check for unusual noises and vibrations

11.3 Lubricants and operating fluids, spare parts

11.3.1 Lubricants and operating fluids

- Rails - Lubrication of the guide rails is not necessary.
- Wheels - Lubrication of the wheels is not necessary.
- Joints - Joints and sliding surfaces must be lubricated with motor oil or suitable greases.
- Preservatives - The chains can be treated with a preservative to protect them from corrosion.
- Cleaning agents - Aggressive cleaning agents must not be used to clean plastic-coated or painted surfaces.

11.3.2 Spare parts

Only original spare parts from Lehner Lifttechnik may be used, as this is the only way to guarantee safety and functionality. If other products are used, the declaration of conformity loses its validity.

12 CE KONFORMITÄTSERKLÄRUNG

The manufacturer: Lehner Lifttechnik GmbH
Mitterweg 4
4722 Peuerbach, Austria

hereby declares under its sole responsibility that the machine described below:

Designation: Vertical platform lift for persons with reduced mobility
Type and commercial designation: ***Liftboy 1-3***

whose data are described in the user manual, complies with European directives by having all the necessary safety features and thus eliminating risks as far as possible.

Applied European directives:
2006/42/EC (Machinery Directive), 2014/35/EU (Low Voltage Directive),
2014/30/EU (EMC Directive), 2014/53/EU (Radio Equipment Directive)

Applied standards:

EN ISO 12100:2010	Safety of machinery
EN ISO 13850:2015	Safety of machinery - Emergency stop - Principles for design
EN 60204-1:2019	Safety of machinery - Electrical equipment of machines
EN 300 220-1	Radio systems with short range
EN 301 489-1	Electromagnetic compatibility for radio equipment and services

For the product as delivered from the factory.

The technical documentation is managed by:
Lehner Lifttechnik GmbH
Mitterweg 4
4722 Peuerbach, Austria

This declaration becomes invalid if the machine is modified or altered or if the provisions of the "Liftboy 1-3 - User & Installation Manual" are not observed.

Lehner Christian
Managing Director

Peuerbach,
28.10.2025

13 DUTIES OF THE PLATFORM LIFT OPERATOR

If prescribed, the system may only be put into operation after acceptance by a civil technical expert and presentation of a defect-free expert report! Otherwise, safe operation cannot be guaranteed!

Always make sure that an instructed person is available next to the user. The user must be able to reach this person easily in order to ensure that he/she can be rescued in an emergency (e.g. technical defect).

If an emergency call system for summoning help is installed, it must be checked regularly, but at least once a week, to ensure that it is functioning properly.

If external help is summoned (e.g. by telephone), an access possibility for the summoned help personnel must be created.

The system operator is obliged to ensure adequate maintenance of the system. It is therefore of particular importance that a scheduled maintenance service is established with a maintenance company before the platform lift is put into operation.

Maintenance must be entrusted to competent persons to ensure the comprehensive safety of the platform lift. General maintenance instructions can be found in the relevant chapter of this operator's manual.

The use of the system must be strictly limited to the specified purpose.

The user manual shall be kept in a suitable place which is accessible to all authorised persons in case of need.

Safe access to the building and the platform lift must be ensured, especially for emergencies, to carry out maintenance work or inspections.

Irregularities during operation or emergency situations must be reported immediately to the maintenance company. In addition, the maintenance company must be informed of all changes to the building and the system that could affect operation.

14 REQUIREMENTS FOR THE MAINTENANCE COMPANY

A maintenance company in the sense of this manual, which meets all requirements, must fulfil the following points:

- A maintenance company must have sufficient qualified personnel for maintenance work and troubleshooting.
- Maintenance personnel must have appropriate training and experience in the area being used.
- Regular training and further education of these personnel must be ensured.
- The maintenance company must provide the operator with a maintenance plan adapted to the system to ensure the greatest possible availability and safety of the system.
- The maintenance company must take the plant-specific maintenance work into account in its maintenance plan and ensure that this work is carried out.
- The company and their maintenance staff must have sufficient technical equipment to carry out all required activities safely.
- The maintenance company must have all necessary original spare parts quickly available at all times.
- The maintenance company must inform the operator about the condition of the system and about any repair work.
- The maintenance company, in cooperation with the operator, must ensure the observation of the system in order to detect changes in the operating behaviour and to initiate necessary maintenance or repair work.
- The maintenance company must have appropriate and sufficient insurance cover.
- The maintenance company must record every intervention that occurred due to a fault.

15 ASSEMBLY AND MAINTENANCE RECORDS

Assembled by: _____

Date: _____

This is the maintenance record sheet for your platform lift. This form is filled out by your maintenance specialist during a service.

Date	Details	Name

Date	Details	Name

16 APPENDICES – WIRING DIAGRAMS

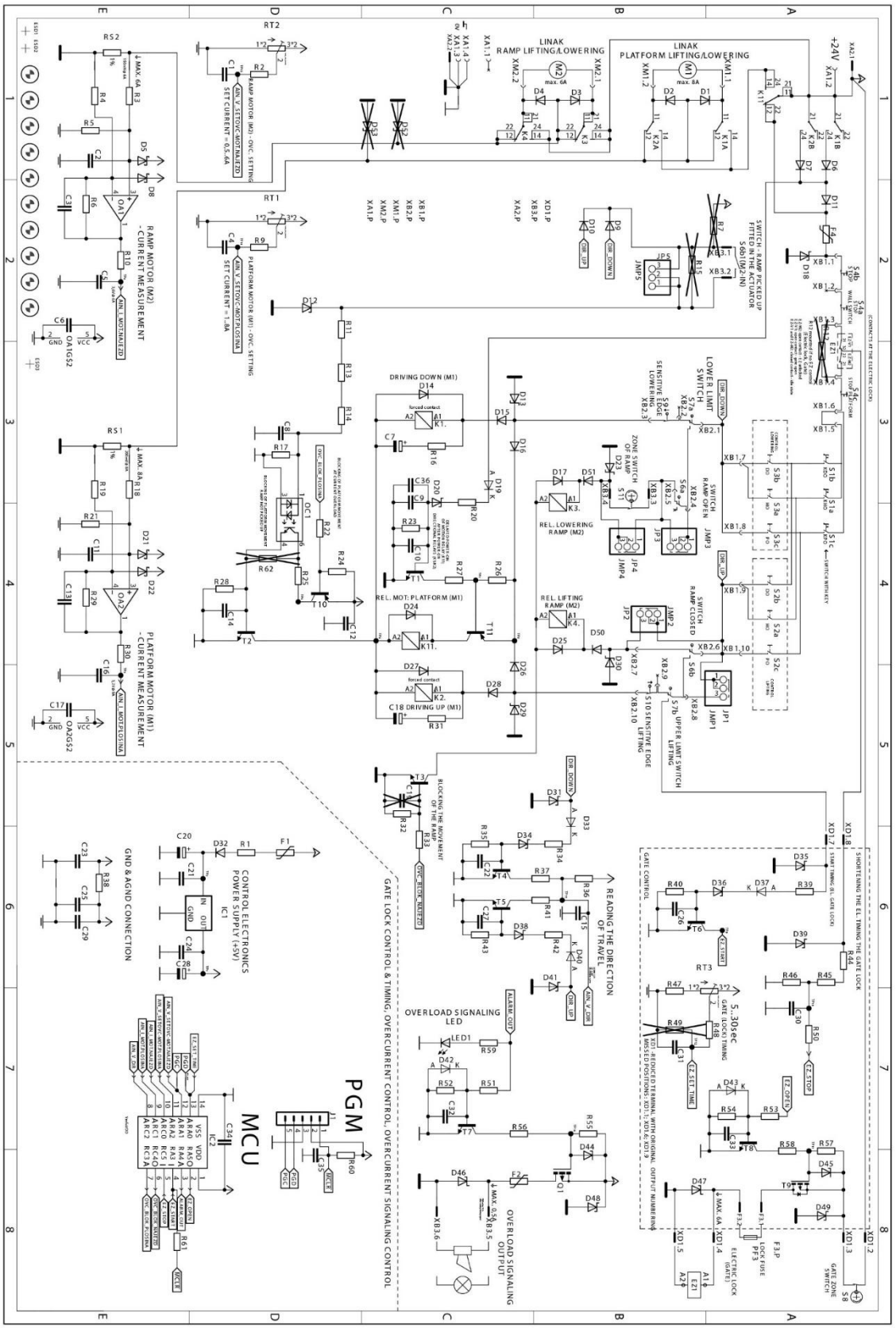

Fig. 16.1 - wiring diagram Liftboy 1 & 2

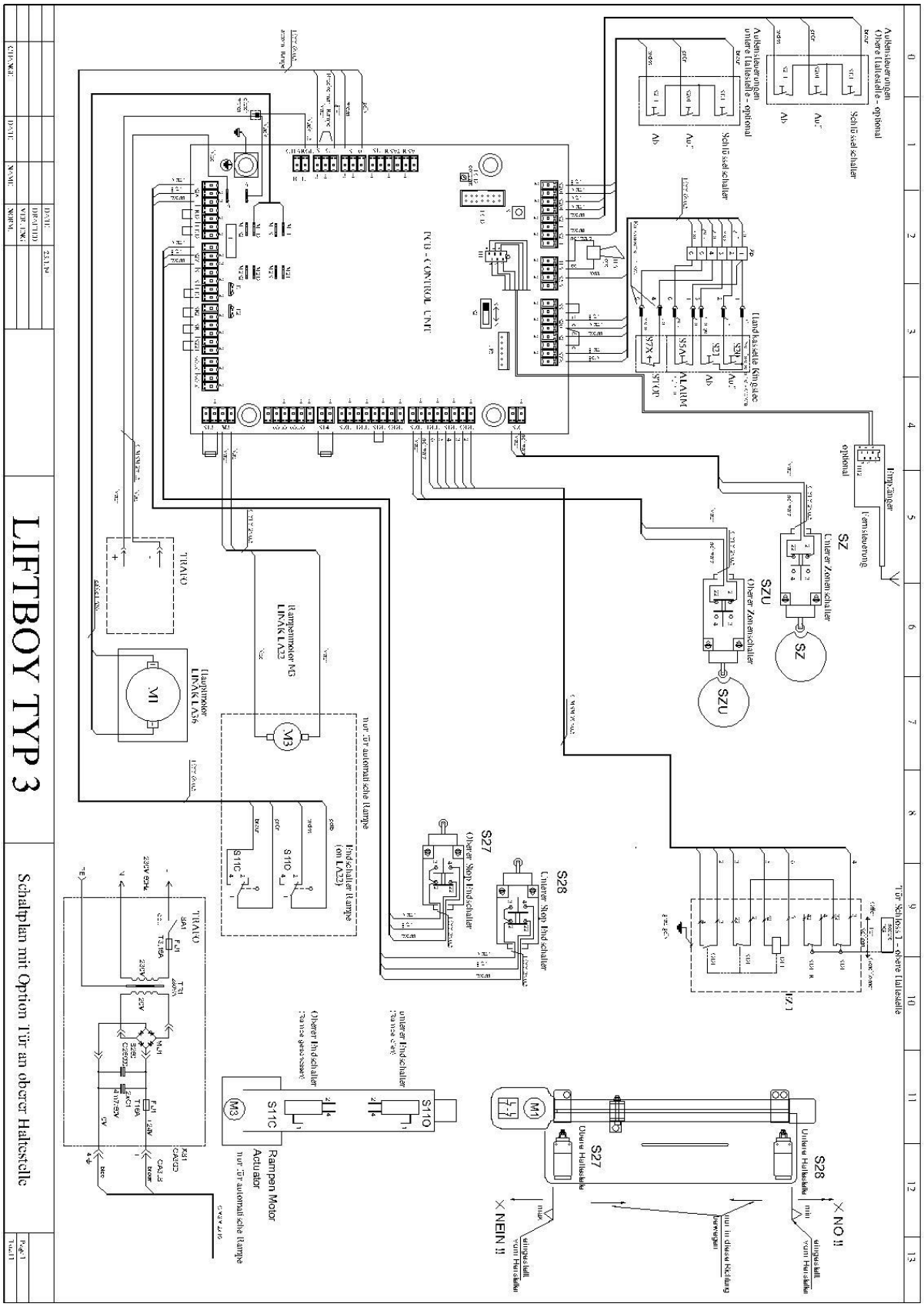

Fig. 16.2 - wiring diagram Liftboy 3