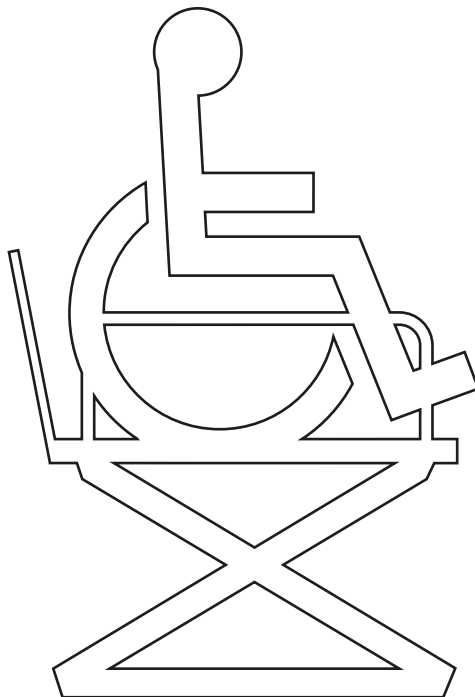


GB . . . . . LP7 & LP7+ Lifting platform



User manual – vers. 4.00



---

## LP7 & LP7+

### Item numbers:

LP7: 5582-xx

LP7+: 5583-xx

---

<b>1.00</b>	<b>Purpose and use</b>	<b>3</b>
1.01	Manufacturer	3
1.02	Purpose and use	3
1.03	Important/warnings	4
1.04	Definitions	4
1.05	Safety rules	5
1.06	Assembly	5
1.07	Electrical connection	5
<hr/>		
<b>2.00</b>	<b>Description of functions</b>	<b>6</b>
2.01	Labels	6
2.02	Operating instructions	7
2.03	Safety functions	8
2.04	Accessories	10
<hr/>		
<b>3.00</b>	<b>Dismantling and transport</b>	<b>11</b>
<hr/>		
<b>4.00</b>	<b>Maintenance and storage</b>	<b>11</b>
4.01	Cleaning	11
4.02	Storage and keeping	11
4.03	How is corrosion avoided?	11
4.04	What maintenance is required by the owner?	11
<hr/>		
<b>5.00</b>	<b>Servicing and useful life</b>	<b>12</b>
5.01	Useful life and servicing	12
5.02	General inspection	12
5.03	Troubleshooting	13
<hr/>		
<b>6.00</b>	<b>Technical specifications</b>	<b>14</b>
<hr/>		
<b>7.00</b>	<b>EU Declaration of conformity</b>	<b>14</b>
<hr/>		
<b>8.00</b>	<b>Warranty and service conditions</b>	<b>14</b>
A.	Warranty	14
B.	Service or Repair	15

---

**1.00 Purpose and use**

---

**1.01 Manufacturer**

V. Guldmann A/S  
Graham Bells Vej 21-23A  
DK-8200 Aarhus N  
Denmark  
Tel. + 45 8741 3100

---

**1.02 Purpose and use****Purpose**

The lifting platform can be used to lift people in need of help with negotiating height differences.

**Use**

The lifting platform is designed for permanent installation indoors and outdoors.

The lifting platform may only be operated by users who have been properly instructed to do so, or by personnel who have been professionally trained to use this assistive technology/working tool.

Entering and exiting the lifting platform takes place at each end of the lifting platform.

The access ramp serve to protect the user by keeping him/her from rolling off during use. There are also handrails on both sides of the lifting platform. The LP7+ is fitted with lower doors as a standard feature.

The lifting platform is designed and manufactured in relation to applicable norms.

LP7 can lift up to 800 mm (31½").

LP7+ can lift up to 1500 mm (59").

The lifting interval of the lifting platform can be adjusted between heights of 50-1500 mm (2"-59").

The lifting platform may be used in temperatures from -10 to +40°C.

In temperatures of less than zero, the application of suitable heating beneath the lifting platform is recommended.

Great importance is attached to the design and implementation to achieve attractive and harmonious installation in different environments, private and public. Public environments are institutions, public buildings, etc., where the lifting platform is subject to a certain amount of supervision. In these environments, the lifting platform should be locked, protecting it against unintentional use or play.

## 1.03

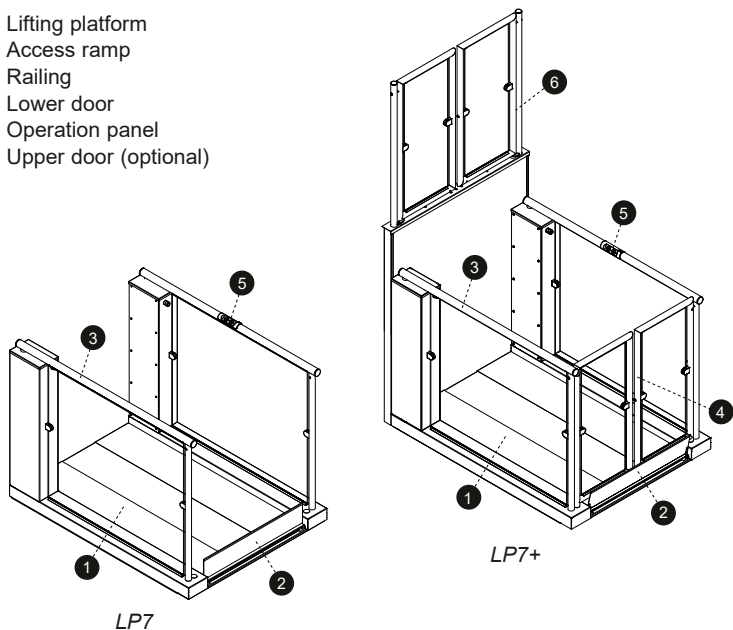
### Important/warnings

- All of the operating instructions must be read before the product is used.
- The lifting platform must be assembled by the Guldmann Service Team, or by an engineer approved by Guldmann.
- The lifting platform is controlled by a microprocessor print which can be damaged by static electricity if touched without the necessary precautions. The electronics must therefore be serviced by trained technicians only.
- The accompanying safety bars must be used when the service engineer moves around beneath the lifting platform.
- The lifting platform is powered by two separate power supplies: A primary supply for daily use, powered by the mains supply, and a secondary supply powered by batteries in case of a mains supply outage.
- Both of the lifting platform's power supplies must be disconnected via the MCB's (Miniature Circuit Breaker) when the service engineer is working beneath the lifting platform.
- The MAXIMUM load of 350 kg (770 lbs.) must not be exceeded.
- The lifting platform and access ramp must be swept clean of gravel, fallen leaves, snow, etc. before use.
- The lifting platform is to be used to transport people, and must be used in accordance with the descriptions in this manual.
- The lifting platform must not be used during fire.
- Safety equipment must only be reset by qualified assistance.
- All playing by and with the lifting platform is forbidden.

## 1.04

### Definitions

1. Lifting platform
2. Access ramp
3. Railing
4. Lower door
5. Operation panel
6. Upper door (optional)



---

**1.05****Safety rules**

When working beneath the lifting platform, there is a risk of becoming trapped between the moving parts of the lifting platform. The following safety rules must therefore be observed:

1. The safety bars must always be engaged while working beneath the lifting platform.
2. Both of the lifting platform's power supplies must be disconnected via the MCB's while working beneath the lifting platform.
3. The lifting platform may NOT be raised/lowered while work is being performed beneath the lifting platform. This rule applies even if safety devices are in place.

**Safety equipment**

When working beneath the lifting platform, a safety stop **MUST** be used to mechanically block the lifting platform from descending.

---

**1.06****Assembly**

The lifting platform must be assembled by the Guldmann Service Team or an engineer approved by Guldmann according to Guldmann's instructions.

Please refer to the Installation Manual for information on handling and installation.

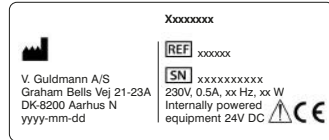
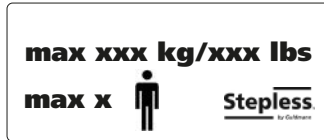
---

**1.07****Electrical connection**

Please refer to the Installation Manual and the electrical schematics for information on electrical connections.

## Labels


(positioned on the lifting platform).

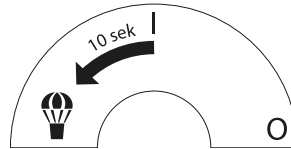


## Explanation of labels

Manufacturer:	Manufacturer
CE-marking:	This represents the manufacturer's declaration that the product comply with MDR
Warning sign:	General warning
IFU:	Read the manual before starting work
REF:	Part number
SN:	Serial number

## Emergency lowering label

- Turn the key to (O) to turn the lifting platform off.
- Turn the key to (I) to turn the lifting platform on.
- Turn the key to the  and hold it for 10 sec to activate the emergency lowering function.



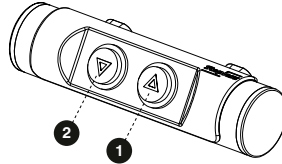
### Operating instructions

Make sure the platform is turned "on" by turning the key switch to position "I".  
The lifting platform is operated by means of the operating panel.

The lifting platform is logical and unproblematic to operate and use, even with no prior knowledge.

When the lifting platform is parked at the lower level, the ramp/doors can be opened by pressing and holding the DOWN button (2).

1. UP
2. DOWN



#### Raising the lifting platform from the lower level

1. When the lifting platform is at the lowest level and the access ramp has been lowered to the proper level, users can freely drive up on to the lifting platform.
2. Activate the control panel by pressing UP button (1), and the access ramp will go up / the doors will close; this way, the access ramp serves to protect the user from rolling off.
3. When the access ramp is all the way up and (1) is held down, the lifting platform will begin its ascent. The lifting platform only ascends when (1) is actively held down (hold-to-run).
4. When the lifting platform is level with the landing, the lifting platform stops automatically and the user can drive onto the landing.
5. When using the upper door, it is opened automatically. It is electronically secured and cannot be opened until the lifting platform is in the highest position. The upper doors automatically close after 30 s (Default time setting - Can be adjusted during service/installation).

#### Lowering the lifting platform from the upper level

1. The user drives onto the lifting platform.
2. When using the upper door, it must be closed before the lifting platform can be operated. This is done by activating (2).
3. Activate the operating panel by pressing button (2) to lower the lifting platform. The lifting platform only descends when (2) is actively held down (hold-to-run).
4. When the lifting platform is at its lowest level, the access ramp will be lowered/the doors opened, and the user can drive off the lifting platform. The doors automatically close after 30 s (Default time setting - Can be adjusted during service/installation).

The lifting platform can be turned off and locked between uses by turning the key switch to position "0" (The key can be removed to prevent unauthorized use).

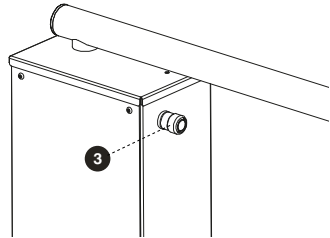
**Important!**

Individual and specific consideration must be given to how an emergency summoning system must work. One or more responsible people should be appointed to help with the correct use of the lifting platform. It should always be possible to call those responsible in any emergency situation. The users must be informed of who holds this responsibility.

**Description of emergency stop**

The emergency stop must be used in emergencies only. If the emergency stop is activated owing to a malfunction, the dealer must be contacted before the lifting platform is used again.

The emergency stop button (3) is located at the top of the right tower. It stops all movement when activated.

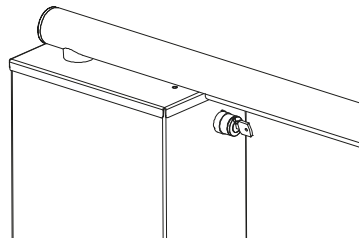
**Restarting the control system**

To restart the control system, turn the key switch to position "0" and wait 5 seconds. Then turn the key switch to position "I".

**Description of electrical emergency lowering – lifting platform**

***Great attention and the required mobility is needed to use the emergency lowering, which is why the person responsible for the use of the lifting platform should be called.***

***The person responsible must have read the manual so that he can be called at any time to assist a user.***





The emergency lowering must be used in emergencies only. This requires qualified assistance.

You must contact the dealer before using the lifting platform again. Remove the key after installation and keep it with the manual.

The electric emergency lowering device is activated by turning the key switch to the left for 10 seconds. The lifting platform will then begin its descent. The lifting platform will stop if the key is released. If the key is not activated for 10 seconds, the electrical emergency lowering device will be deactivated, after which it can be activated again.

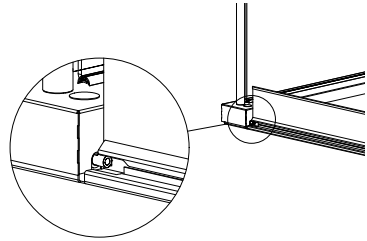
The switch is located in the left tower on the lifting platform.

### **Description of emergency lowering – access ramp**

The access ramp is fitted with a button-head bolt in both sides. Remove these bolts and the access ramp can be closed up.

#### ***Important!***

When the bolts are removed from the access ramp, the ramp can no longer be secured. Hold onto the access ramp when removing the bolts.



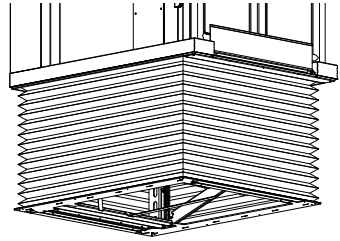
### **Safety curtain**

The safety curtain ensures that nobody can move beneath the lifting platform when it is at its highest level and thereby risk getting trapped when the lifting platform is lowered. The safety curtain is fitted upon delivery.

If the safety curtain has not been installed, or if it is damaged and the area beneath the lifting platform cannot be accessed, the lifting platform cannot be used until the problem has been solved.

### Safety cut-out function

If anyone or anything gets trapped beneath the lifting platform when it is lowered, the descent will stop as soon as the safety list is activated. The safety function is reset by pressing "UP" (1), which will raise the lifting platform. Next, remove the object that activated the safety list.



### Overload protection

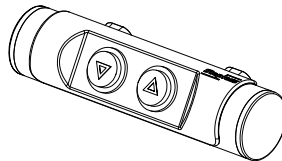
The lifting platform is designed so that it is protected against overloading. In the event of overload, the lifting platform will issue a visual alert on the control panel. The lifting platform cannot be used in the event of an overload. Remove load so that the lifting platform can be operated again.

## 2.04

### Accessories

#### Extra operating panel

External control panels with "UP" or "DOWN" button for wall or free-standing installation. The control panel is fitted with a lock. The control panel is also available in a wireless version.



#### Wireless operation

Use this when there are one or more independent users.

This allows users to control the lifting platform without being dependent on a helper.

The remote control is only to be used when the lifting platform is in the operator's field of vision.

### **Heating cable**

The lifting platform is delivered without heating. Heating cables can be embedded in a concrete foundation beneath the base frame. The purpose of heating is to keep the lifting platform free of snow and ice.

---

#### **3.00 Dismantling and transport**

Please refer to the Installation Manual for information on transport and dismantling.

---

#### **4.00 Maintenance and storage**

---

##### **4.01 Cleaning**

The lifting platform is cleaned with a sponge or brush and soapy water. The lifting platform can be sprayed or rinsed at ordinary water pressure; they must not be rinsed under high pressure. Never use acids, bases or solvents for cleaning.

---

##### **4.02 Storage and keeping**

No special requirements. Please note, however, that the batteries' life span is shortened if they are not connected to the charger for a long period of time.

---

##### **4.03 How is corrosion avoided?**

The lifting platform is made of corrosion-resistant materials and require no further corrosion prevention.

Avoid using salt on the lifting platform as it will reduce the lifting platform's lifetime.

---

##### **4.04 What maintenance is required by the owner?**

The owner is responsible for ensuring that legally mandated service inspections are performed.

Cleaning as required.

Keep the space around the lifting platform clean to avoid interruptions caused by foreign objects.

---

## 5.00 Servicing and useful life

---

### 5.01 Useful life and servicing

The lifting platform must be inspected in accordance with the national law and at least once a year.

**Attention:** Please note that there can be specific demands if there is public access to the lifting platform.

- The lifting platform has an expected life span of 15 years with regular daily use.
- The lifting actuator must be replaced after a total power consumption of 1200 Ah.\*

The life span is based on correct usage, cleaning, and maintenance, as well as annual inspection and maintenance by qualified personnel or the Guldmann Service Team. After this period, the platform must be assessed by qualified personnel before future use.

Spare parts lists and drawings can be ordered from the manufacturer or the distributor.

\* *Must be read out from each actuator during service inspection.*

*For LP7+ this is equal to a minimum of 8000 lift cycles (Up and down at full height).*

*For LP7 this is equal to a minimum of 16.000 lift cycles (Up and down at full height).*

---

### 5.02 General inspection

Please refer to the “Safety inspection checklist for Lifting platforms” and “Service inspection checklist for Lifting Platforms” for information on general inspection.

Fault	Possible cause	Solution
None of the electrical functions work.	The emergency stop button has been pressed.	Turn the emergency stop button to the right.
	The lifting platform is off.	Turn on the lifting platform using the key switch. The key must be vertical to turn the lifting platform on.
	The lifting platform has been shut off.	Turn on the socket.
	The fuse has blown.	Change the fuse or reset the residual current device.
The lifting platform does not go all the way down.	Foreign objects below the lifting platform/lift basket.	The safety list is activated. Clear away snow/ice or other foreign objects.
The lifting platform shows overload.	The maximum load of the lifting platform has been exceeded.	Remove some of the load from the lifting platform. Do not exceed the maximum load of the lifting platform.
The lifting platform won't start after the lower door has been closed.	The lower door does not indicate closed and locked.	Press the DOWN button until the door is completely open. Check that there are no foreign objects between the door and the lifting platform. Run the lifting platform as normal. If the problem continues, contact the supplier to adjust the door lock.
The lifting platform does not go down after the upper door has been closed.	The upper door shows no sign that it has been closed and locked.	Press the UP button until the door is open. Check that there are no foreign objects between the door and the lifting platform. Run the lifting platform as normal. If the problem continues, contact the supplier to adjust the door lock.
The control panel flashes	1 flash: Overload activated.	Remove load so that the lifting platform can be operated again.
	2 flashes: Error on EOS inputs	Contact supplier
	3 flashes: Error on hall elements or magnet	Contact supplier
	4 flashes: Overheating	Allow the lifting platform to cool off for 20 minutes, and contact the supplier if problems continue
	5 flashes: Error on Power_Hbridge	Contact supplier
	6 flashes: Low voltage	Contact supplier
	7 flashes: Power supply error	Contact supplier
	8 flashes: Overvoltage	Contact supplier
	Lasting flash: Lost position	Contact supplier

If the points above do not solve the problem, please contact the Guldmann Service Team or your distributor.

---

**6.00      Technical specifications**

Please refer to the datasheet for LP7 or the datasheet for LP7+ for information on technical specifications.

For electrical schematics, contact the Guldmann Service Team or your distributor.

---

**7.00      EU Declaration of conformity**

The product is manufactured in compliance with the Council Directive 2006/42/EC of May 17th 2006 on machinery and amending Directive 95/16/EC.

---

**8.00      Warranty and service conditions**

---

**A.      Warranty**

Guldmann warrants its equipment is free from material defects under normal use, and will perform substantially in accordance with the specifications set forth in documentation provided with the equipment.

This express warranty shall be in effect for one year from the date of original purchase and installation (the "Warranty Period"). If a valid claim is made during the Warranty Period for malfunction or equipment defect, Guldmann will repair or replace the equipment at no additional cost to you. Guldmann retains sole discretion as to whether the equipment will be repaired or replaced.

The warranty does not cover any part of the equipment that has been subject to damage or abuse by the user or others. The warranty does not cover any part of the equipment that has been altered or changed in any way by the user or others. Guldmann does not warrant that the lifting device functions will meet your requirements, be uninterrupted or error free.

The warranty set forth is in lieu of all other express and implied warranties, whether oral, written or implied, and the remedies set forth above are your sole and exclusive remedies. Only an authorized officer of Guldmann may make modifications to this warranty, or additional warranties binding on Guldmann. Accordingly, additional statements such as advertising or presentations, whether oral or written, do not constitute warranties by Guldmann.

This warranty shall be null and void if the equipment is operated and maintained in any manner inconsistent with its intended use or the instructions provided with the product. Further, in order for the warranty to remain in effect for the full Warranty Period, all service to the equipment must be provided by a Guldmann certified technician. Any parts or components repaired or replaced by a Guldmann certified technician will be guaranteed for the remainder of the Warranty Period.

---

**B.**

**Service or Repair**

Contact Guldmann Repair for an authorization to return any defective item during the Warranty Period. You will be provided with a return authorization number and address for returning the item for warranty service or replacement. Do not return items to Guldmann under warranty without receiving a Return Authorization Number.

If mailing the item, pack it carefully in a sturdy carton to prevent damage. Include your Return Authorization Number, a brief description of the problem and your return address and phone number. Guldmann does not assume the risk of loss or damage while in transit, so it is recommended you insure the package.



**V. Guldmann A/S**  
Corporate Office:  
Tel. +45 8741 3100  
E-mail [info@guldmann.com](mailto:info@guldmann.com)  
[www.stepless.com](http://www.stepless.com)