

PENNER MANUFACTURING

Patient Transfer/Lift System
Safe Operation & Daily Maintenance
Instructions



PENNER MANUFACTURING INC

380750 Revision B 02/21/07

1-866-PENNERS

1-866-736-6377

1-800-732-0717

Table of Contents

• Transfer Models & Technical Data	3
• Transfer Technical Description	3
• Regulatory Data	4
• Safety Information and Patient Assessment	5
• Introduction	6
• Symbols and Terms	6
• WARNING 	6
• CAUTION	6
• Left or Right	6
• System Preparation (Before Bath)	7
• Transfer from Bed to Bath	7
• Transfer Seat Lock	7
• Transfer arm options	7
• Belting Techniques	8-11
• Transfer Procedure	8-11
• Weighing Procedure	12
• Operating Controls	13
• Controls and Troubleshooting	13-18
• System Cleaning (After Every Bath)	19
• Daily Maintenance	19
• Daily Safety Checklist	20

Transfer Technical Description

Manufacturer: Penner Manufacturing Inc
102 Grant St / PO Box 503
Aurora, NE 68818
(402) 694-5003

Superior Transfer Models:

Model # 384000-1	Transfer Electric Superior Right entry
Model # 385000-1	Transfer Electric Superior Left entry
Model # 386000-1	Transfer Electric Superior End entry
Model # 387000-1	Transfer Electric Superior Right entry with Scale
Model # 388000-1	Transfer Electric Superior Left entry with Scale
Model # 389000-1	Transfer Electric Superior End entry with Scale

Transfer Ratings 28 Volts DC (Rechargeable)
5.2 Amps
450 Lbs. Maximum Capacity
Duty: 10% Int.; 1 min on / 9 min off
16 inches Minimum clearance from floor
39 ½" inches Maximum clearance from floor
(Note: There is a 2" (two inch) adjustment to these clearances)

AC Adapter	120 Volts AC Input – 28 Volts Output (for charging only)
Transfer Charger	Input – AC Adapter
Rating:	.5 Amps

Transfer Technical Description

The Superior Transfer/Lift System is used with Whirlpool or Aqua-Aire (air bubbling) bathing system intended for use in nursing homes, hospitals, and assisted living facilities to transfer or lift patients under the direct supervision of trained staff. The Transfer is available with left, right, or end tub access. The Transfer has two locking casters on the rear (or end with pillar). Models are equipped with Scale. All Transfers have Swing-away and removable arms. All have a removable open concept seat pad that locks into position during use.



WARNING

This equipment is not suitable for use in the presence of a flammable anesthetic Mixture with air or with oxygen or nitrous oxide

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Transfer Technical Description (continued)

- **Regulatory Data**

In Accordance with the Standard For Safety of Medical Electrical Equipment UL 606001-1, CSA C22.2 NO. 601.1, IEC 60601-1

UL Classification:

Class I

Internally Powered Equipment

Type B

Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or with oxygen or nitrous oxide.



61LN

» **MEDICAL EQUIPMENT
WITH RESPECT TO ELECTRIC SHOCK
FIRE AND MECHANICAL HAZARDS
ONLY IN ACCORDANCE WITH UL2601-1,
UL60601-1, IEC60601-1, AND CAN/CSA
C22.2 NO. 601.1**

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Safety Information and Patient Assessment for the Penner Transfer systems.

 Penner Transfer Lifts are designed and manufactured to meet or exceed the safety requirements for patient care equipment. In addition, they have been tested to insure their safety. It is important, however to know that materials can fail due to normal wear caused by use over time. Therefore before each patient transfer, it is required that the nursing staff inspect for proper operation and missing or worn parts such as belts, cushions, arms, and casters. It is also required that a qualified maintenance staff inspect the lift at least monthly for missing parts or excessive wear that might cause the transfer lift to fail. A permanent record of each inspection and repairs should be kept by the facility.

 Only personnel who have been thoroughly trained in the operation of the Penner Transfer Lift should operate this equipment. Operation of this equipment by untrained personnel could result in injury to the operator or patient. Your Penner Patient Care distributor is available at your request to provide complete in-service training on the equipment's proper operation.

Patient Assessment for the Penner Transfer Lifts.

 Before using the Penner Transfer Lift, patients must be assessed by The facility's professional nursing or professional rehabilitation staff to determine which patients are suitable for transfer, which type of Transfer Lift to use, and the number of staff members necessary to transfer each patient. Although one person can perform patient transfers, certain patients or situations may require the help of one or more additional staff members. For example, patients with unpredictable behavior due to dementia may require additional help if their behavior poses risk of injury to themselves or to staff members, patients being transported in the Penner Transfer Lift with or without scale outside of the patient's room. The above Information must be recorded in the patient's record and must be communicated to the staff.

Penner Transfer Lift Criteria

The patient Must:

- a. Have no injuries or medical conditions that might be aggravated by the Penner Transfer Lift procedure.
- b. Weight less than 450 pounds.
- c. Be able to follow simple directions.
- d. Be able to sit upright or restrained by the optional Chest Belt.
- e. Evaluated for safety of extremities that are rigid or any problem he or she has that could cause injury or conflict with the safe operation of the Penner Transfer System.

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Introduction

- The Superior Patient Transfer Lift is designed to significantly improve the efficiency and environmental safety of your nursing care operation. However, the benefits designed into the Transfer Lift will be realized only if the Transfer Lift is operated and cared for properly. The purpose of this manual is to provide you with a recommended procedure to help you obtain the maximum efficiency and safety from your Transfer Lift.

- **Symbols and Term**

 **WARNING**

The warning symbol identifies important safety messages. Failure to obey a safety warning may result in injury to you or to others.

- **CAUTION**

The caution heading identifies important maintenance and operation information. Failure to obey a caution warning may result in damage to the Penner Transfer Lift and may void the warranty.

- **Left or Right**

When the terms “left” or “right” are used with reference to the tub, this means left or right as you look at the control panel from the seat end of the tub. On the Transfer Lift, “left” or “right” is as the resident sits.

System Preparation (Before Transferring or Lifting)



WARNING

Only personnel who have been thoroughly trained in the operation of the Superior Transfer Lift should operate this equipment. Operation of this equipment by untrained personnel could result in injury to the operator or patient. Your Penner Patient Care Distributor is available at your request to provide complete in service training on the equipment's proper operation.

Transferring from Bed to Bath, and/or Lifting

You are now ready to prepare for transferring the resident from the bed to the bath.

1. Install the seat pad by inserting the pins on the bottom of the seat into the chair frame holes then push back until latched.
2. Insure the Transfer seat is securely placed in position on the chair, and locked into place. To release the seat from the chair, simply press down on the release lever under the right hand side of the chair as your facing it, as pictured on the right.



WARNING

Failure to ensure that the Penner Transfer seat is securely locked to the Penner Transfer chair before the resident is transferred, could result in injury to the operator or patient.

3. The arm rests of the Penner Transfer can swing upwards and back, or be removed to provide a variety of options in providing care.



System Preparation (Before Transferring or Lifting) continued

4. Push the Penner Transfer to the resident's bed and position it for a normal bed-to-wheel chair transfer.
5. Lock the brakes by stepping down on the lock-arm tab located on the back of the rear casters as shown in the locked position.
6. Unlock the caster by lifting up on the lock-arm tab.



WARNING

Failure to lock the caster brakes before the resident is transferred, could result in injury to the operator or patient.

Belting Technique and Transfer Procedure with the Penner

Transfer Lift

7. Route the belt through the belt loops of the chair frame prior to placing the resident into the chair.
8. Transfer the resident into the Penner Transfer using the proper nursing transfer techniques. Bring the seat belt around the resident, to the D-ring connector.



NOTE: Reference this illustration of the optional Toilet seat kit available at your Distributor order part number 381324. Illustration is shown with the seat removed.



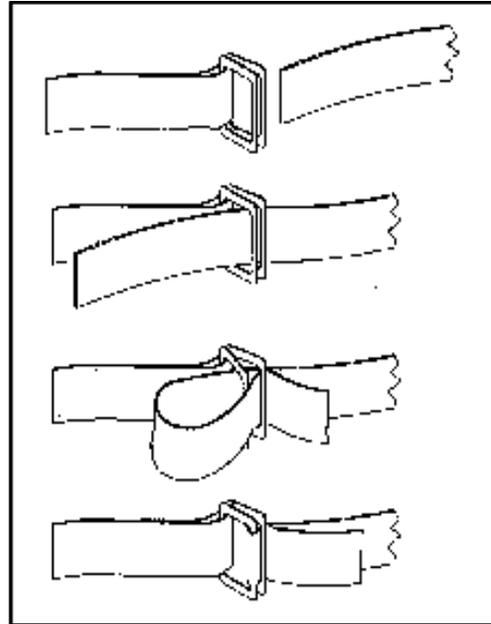
WARNING

Enlarged view

Failure to secure the resident properly with the seat belt could result in injury to the resident or operator.

Belting Technique and Transfer Procedure with the Penner Transfer System continued

9. Connect the belt to the D-ring as shown at the right.
- Use the technique as shown at the right.
 - Adjust the belt to insure safety while transporting.
 - For residents who are unable to support themselves in an upright position, Penner offers an optional second belt, which allows you to secure the resident in an upright position by means of a chest belt. The chest belt should be placed across the chest of the resident and around chair frame as shown and secured in the same manner as described above. This chest belt is available through your Penner Distributor.



WARNING

Failure to insure hands, arms and legs are clear of any objects when transporting or lifting could result in injury to the resident or operator. Push the emergency stop button, on the Control unit shown on page 11, at any time during raising and lowering of the resident.



10. Unlock the caster brakes and push the resident to the bathing area, being careful to avoid objects in the hallways or uneven floors.
11. If the Residents feet are touching the floor, raise the lift until they clear the floor. Always transport in the lowest position.



WARNING

Failure to transport in the lowest position with residents feet clearing the floor could result in injury to the resident or operator.

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Penner Transfer Procedure (continued)

12. At the bathing area, position the Penner Transfer near the appropriate access of the tub. With a end access Transfer, position it near the end. With The Side access transfers, position it near the correct side.
13. With Resident properly secured with belting, raise the Transfer to the appropriate height to clear the top of the tub. Slowly move the transfer to a position to place the residents feet into the tub. Carefully lift the resident's legs over the side of the tub and position the resident to face the service deck of the tub. Position the Transfer chair in center of the tub and as far forward as it will go.
14. Once the Transfer is in the correct position to lower the resident into the tub, lock the casters, ensure the residents hands, arms, and legs are all clear. Monitor the water temperature by allowing the water to run over your wrist prior to lowering the resident.
15. Press the down "DN" button to lower the resident into the water. Gently guide the patient's legs into the foot well at the bottom of the tub. Press the "Red Emergency Button" to stop the transfer if needed anytime during raising or lowering.
16. Follow the Bathing Procedure as outlined in your Safe Operation & Maintenance Instructions that was included with your Tub. If you do not have this manual, one may be acquired through your Penner Patient Care Distributor.
17. Ensure the residents hands, arms, and legs are clear before raising. Push the up button to raise the resident out of the water, stopping when the bottom of the seat is at the tub rim height.
18. You may now rinse the residents body with the shower sprayer.
19. Pat the resident dry with a soft towel. No rubbing is necessary.
20. Use the towel to dry and clean the underside of the chair. This will prevent water from dripping on the floor and residue buildup under the seat.

CAUTION Not clearing the edge of the tub when raising or lowering the Transfer, could cause damaged that may not be covered in the warranty.



WARNING

Failure to ensure that the residents feet are going into the foot-well instead of under the seat, could cause injury to the resident.

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Penner Transfer Procedure (continued)

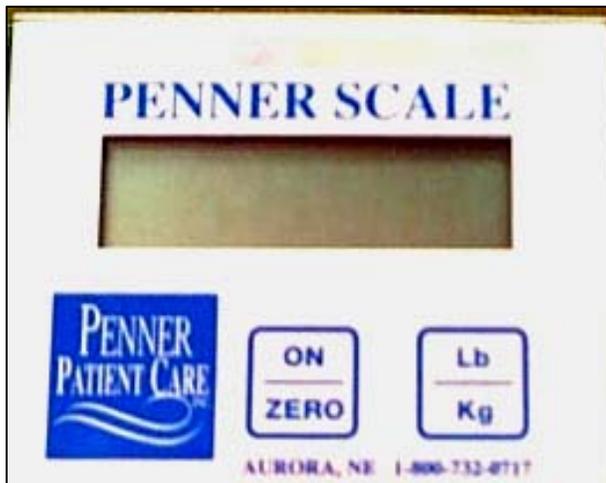
21. Before you move the Transfer away from the tub, make sure the lower extremities have been towel dried so the bath room floor stays dry. Insure the Transfer Is raised high enough to clear the tub rim. You may now unlock the casters. You may now move the transfer away from the tub, ensuring the resident is still
22. Once the Transfer is clear of the tub, lower the Transfer to the transport position and push the resident back to their area.
23. Position the Penner Transfer for a transfer back to bed or to another chair. Lock the casters.
24. Release the seat belts from around the resident and transfer the resident using proper nursing techniques and assistance if required.
25. Once the Transfer is clear of the tub, lower the Transfer to the Transport position (lowest position) and transfer the resident.
26. Position the Penner Transfer for a transfer back to bed or to another chair. Lock the casters.
27. Release the seat belts from around the resident. Arms may be swung away or removed as needed. Transfer the resident using proper nursing techniques and assistance if required.



WARNING

The battery of the transfer should be charged daily. In the event the battery expires during lifting, depress the emergency lowering button located at the bottom of the charging unit on the transfer, as shown on page 12.

Weighing Procedure



1. Before seating the resident in the chair, ensure all the pads and belts are on the chair.
2. Press the “ON / ZERO” button once to turn on. Press again to zero.
3. The scale weighs in increments of ½ Lb. accuracy +/- 1 Lb.
4. The indicator should show “0” . This should only need to be done once a day or when the seat empty indicates anything other than zero.
5. If indicator reads anything other than zero, start over and zero again. If it does not read “0” the scale may need to be recalibrated. (Note) Negative weights are indicated by the the weight flashing on and off.
6. Pressing the Penner Patient Care Logo is the recall button, recalls the last weight which was “Held”.
7. Press the “Lb./Kg.” button and hold to convert to Lb. or Kg.
8. Once the patient is in the seat, ensure that the arms, legs, or feet are not touching anything. This would give an inaccurate reading.
9. After the resident is stabilized, the scale indicates “HOLD”, a reading of the weight may now be taken.
10. The next resident may then be weighed providing the seat and belts are still in place.
11. The battery for the Scale read out is located in the bottom of the read out. There are four AA batteries.

Refer to the enclosed Technical Manual (page 13) provided by Magnetic for the following:

- a. For general arrangement
- b. Safety Compliance
- c. Installation of the accumulator pack or charging unit.
- d. Connecting Hand control, connecting the motors, cleaning, maintenance, Technical Data, and troubleshooting.

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Operating Controls Penner Transfer System



Control Unit- Transfer.
Emergency Stop Button
Stops operation any time.

Wall Charging Unit-
Mounts on the wall for easy charging of batteries.

Control Unit
(bottom view)

Pillar Actuator, Battery, and Hand Control plugs in here.

Emergency Lowering Button-

If lift were to fail in up position, it may be lowered by depressing this button.

Transfer Battery (two each)

Sets into top of Control Unit. Must be charged Daily on wall charger.

Hand Control

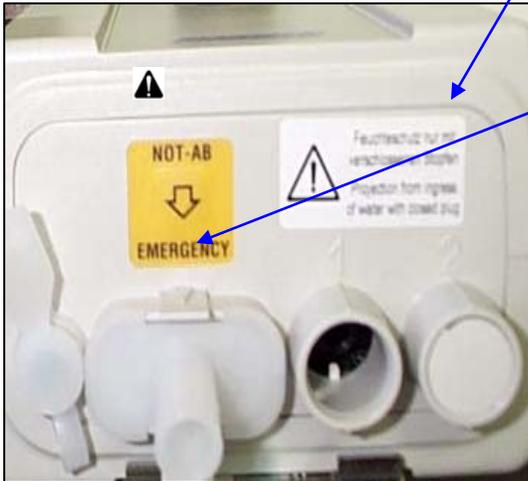
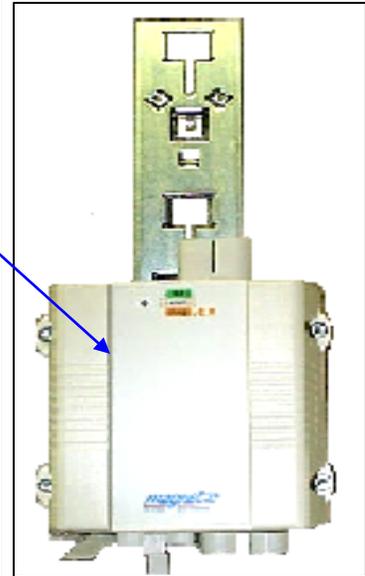
To raise or lower system. Plugs into Control Unit.

AC Adapter-

For wall charging unit, however can be used on the Control Unit of the Transfer.

Caution-

The Transfer becomes less mobile when AC adapter is plugged into the Control Unit instead of Wall Charger.



WARNING

If any part of the Transfer system is not functioning properly, cease all transferring activities until the problem is corrected by maintenance. The system must be maintained on a scheduled basis to ensure it is functioning properly. Failure to heed these precautions could result in injury to the operator or resident.

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Magnetic Technical Manual

Technical Manual



MOBILETTE control unit

Contents

Contents, General Arrangement	page 1
Compliance with the Technical Instructions, Liability, Application, Product Package, Function, Connections, Safety Devices	page 1
Installation, Accumulator Pack	page 2
Connecting the Handswitch, Connecting the Motors, Cleaning, Maintenance, Technical Data,	page 3
Troubleshooting	page 4

Reference Standards:

EN 60601-1
EN ISO 10535
UL 2601

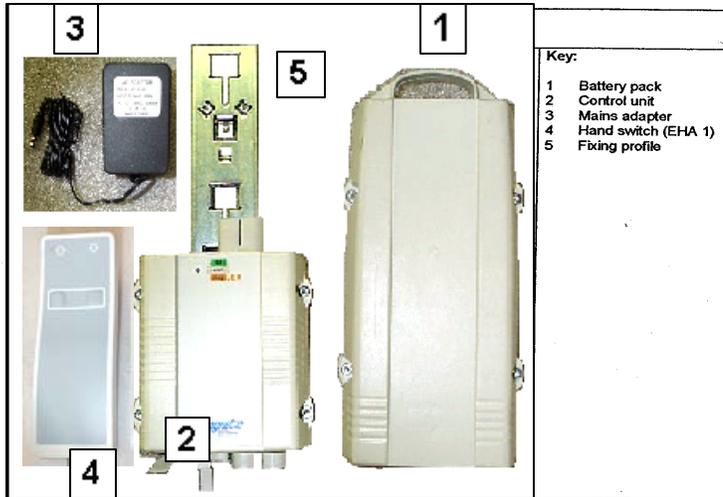


Fig. 0 General Arrangement

Subject to modifications in the interests of technical progress

Mobilette 531E, 2931/0.99

For your nearest
Distributor call 1-800-732-
0717 or 1-866-736-6377

Magnetic Technical Manual Page One

Technical Manual

magnetic
Antriebstechnik

Control Components for the DC Version of the Linear Actuator



These devices must not be operated in potentially explosive atmospheres!

Compliance with the Technical Instructions

This unit must only be handled by personnel who are fully conversant with this Technical Instructions and in accordance with the instructions contained therein. The unit must only be used as described and should only be installed and connected by qualified technical personnel!

Liability for Function or Damage

In every case, the owner or operator of the unit shall be liable for its function if the unit has been incorrectly maintained or repaired by persons who are not employed by the Magnetic Service Department or if the unit has not been handled in accordance with its specified application.

Magnetic Aktiengesellschaft shall not be liable for any damage resulting from failure to observe these Instructions. These Instructions shall not be regarded as an extension of the warranty and liability terms set out in the Conditions of Sale and Supply applied by Magnetic Aktiengesellschaft. The product is not subject to the labeling obligation defined in CE or EMC Directives. The requisite EMC procedures must be applied to the end product – with reference to the conditions of installation, wiring and control – by the manufacturer of the end product and they must be verified in accordance with the intended application. The manufacturer of the machine or system shall be responsible for compliance with these instructions.

Application

The MOBILETTE 'Lifter Control Unit' is solely intended for controlling the DC Version of the Magnetic series of linear actuators:

- MAX1
- MAX3
- MAT1/2
- THG1
- TLG1

Product Package

The MOBILETTE 'Lifter Control Unit' consists of the:

- accumulator unit,
- control unit and
- fixing profile.

The mains adapter (3) is available as an option (see Sheet I).

Function

The 24 V DC charging voltage is fed into the control unit via the mains adapter connected to the mains power supply or via a mains cable and the integral transformer. The fitted accumulator unit is then charged in order to maintain the power supply to the linear actuator.

An integral current cut-off protects the actuator against overload.

Connections

The control unit is equipped with clearly-marked sockets for:

- the mains adapter or mains cable,
- 1 or 2 linear actuators and
- the handswitch.

Safety Devices

'Emergency OFF' and 'Emergency Lowering'

The control unit incorporates two different emergency functions: 'Emergency OFF' and 'Emergency Lowering'. It is important for every operator to be familiar with the different reactions to the two commands.

'Emergency OFF'

The linear actuator is isolated from the power supply and immediately comes to rest. The 'Emergency OFF' function should only be deployed in the event of an immediate danger.

'Emergency OFF' pushbutton:

- red domed button on a grey background
- latches when pressed
- to unlock: turn the red knob in the direction of the arrow.

'Emergency Lower' linear actuator (option)

In the event of a defect in the control unit, it is bypassed and the linear actuator can be electrically lowered (retracted) by pressing the 'Emergency Lower' pushbutton.

'Emergency Lower' pushbutton:

- Grey pushbutton on a grey background

'Emergency Lower' mounting location

As an option, the pushbutton can be mounted next to the connections on the MOBILETTE 'Lifter Control Unit'.

Overload cut-off

An overload cut-off is incorporated in the built-in electronics module and, in the event of excessive current consumption, the actuator is automatically shut down. The maximum permissible current consumption of the actuators is indicated on the type key.



The output current of the control unit (see rating label) should not exceed the max. current of the actuator (see data label).

If the current consumption exceeds this value, the linear actuator will become overloaded and may be permanently damaged!



The maximum current consumption under full load should be measured at the installation stage. It should not exceed the value specified on the type key. If the current consumption exceeds this value, the linear actuator will become overloaded and may be permanently damaged!

Magnetic Technical Manual Page Two

Technical Manual



Installation

The control unit must be mounted on the brackets provided for this purpose on the fixing profile, in such a way that it is free from mechanical stress and vibrations.

⚠ All the cables must be secured so that the connectors on the control unit are not subject to load. Incorrectly-seated connectors will not provide a satisfactory seal and can result in permanent damage to the control unit!

Possible mounting positions include:

- I) Vertically, with the accumulator pack above the control unit,
- II) Horizontally, lying flat,
- III) Horizontally, standing up,
- IV) Horizontally, suspended.

A vertically suspended mounting position, with the accumulator pack located beneath the control unit, is not possible because the battery pack could become dislodged and fall out.

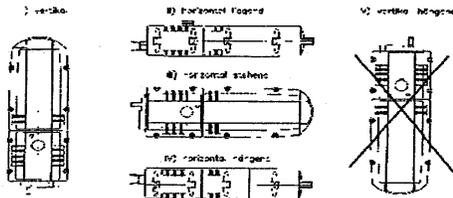


Fig. 1 Attachment and mounting position

Accumulator Pack

The linear actuator derives its power from the accumulator pack. The accumulator pack is secured to the control unit by means of a latching spring.

The accumulator pack consists of two 12 Volt 4.5 Ah accumulators, wired in series and with an output of 24 Volts.

Only accumulators and battery chargers approved by the manufacturer should be used.

The service life of the accumulators is dependent on the load and the state of charge; in ideal conditions, they can be used for up to five years.

⚠ A ventilation hole is provided in the accumulator pack in order to dissipate the gases generated by the accumulators. The ventilation hole should not be damaged, blanked off or painted over. Beware of hazards due to the ingress of fluid or obstruction of the ventilation hole!

⚠ The accumulator and control unit housing should only be opened by Magnetic personnel!

⚡ Discharged accumulators should be recharged without delay. Accumulators in storage should be recharged every 6 months.

The accumulators should only be replaced by Magnetic personnel!

Charging and discharging the accumulators

⚠ The accumulators should only be recharged in well-ventilated areas, due to the potential hazard from the release of explosive gases!

The accumulator charging process is initiated when the mains adapter or the mains cable is connected or if the accumulator pack is connected with the mains adapter or the mains cable plugged in.

The LED indicates the state of charge of the accumulators. These LEDs have two different display functions.

Mains power supply connected:

LED	Function
Yellow	Accumulators being charged, mains power 'on'. Note: If the charging cycle is longer than 20 hours, the battery or the control unit is defective. Remove the mains adapter from the mains socket outlet.
Green	Accumulators have been recharged, mains power 'on'.
Not lit	No mains power supply.

During rotation of a motor:

LED	Function
Not lit	Accumulators are ready for operation.
Flashing yellow	Accumulators must be recharged, as only approx. 20 % of the residual capacity is available!
Beep tone	Accumulator capacity is sufficient for at least one double stroke. The accumulators must be recharged, otherwise the deep discharge protection will disable the actuator!

Replacing the accumulator pack

Defective or exhausted accumulators and chargers will be exchanged by the Magnetic Service Department.

⚠ Accumulators must be recycled, properly disposed of or returned to Magnetic Liestal AG. They should not be discarded with domestic refuse!

Pull the handle to overcome the spring force, then remove the accumulator pack from the front of the fixing profile.

To replace the accumulator pack, insert it into the guides in the fixing profile and push it in the direction of the control unit.

⚠ The accumulator unit must be locked securely in position, otherwise the accumulator pack could become dislodged and fall out!

Magnetic Technical Manual Page Three

Technical Manual



Connecting the Handswitch

The handswitch is connected to the control unit with the D-Sub connector. It can be replaced.

Once it has been plugged into the mains socket outlet, the handswitch cable is strain-relieved and sealed by means of the integrally-cast cam. The cam engages with the retaining clip.

 The connector for the handswitch cable must be inserted in the correct socket, otherwise the socket outlet in the control unit will be displaced and permanently damaged. Note the configuration of the connector!

 When the handswitch cable is inserted or disconnected, the retaining clip should only be pressed lightly downward (see Fig. 2).

Excessive downward pressure will break the retaining clip, with consequent loss of strain relief!

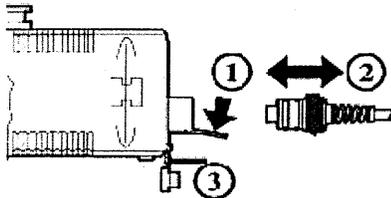


Fig. 2 Plugging in/removing the handswitch cable

Connecting the Motors

The control unit is equipped with two socket connectors for linear actuators 1 and 2.

 The connectors must be inserted into the control unit until the O-rings are no longer visible. Once they have been inserted, use the Magnetic special plug disassembling tool, Part No. 140375, to rotate them by approx. 30° to the right as far as the limit stop. Failure to do so will result in loss of strain relief and sealing capacity (see Fig. 3)!

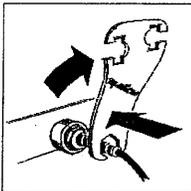


Fig. 3 Securing the motor connector

Motor connections which are not required are sealed at the factory with waterproof blanking plugs. These should not be removed.

Before each connection is made, the sealing rings of the control switch connectors and motor connectors must be checked for damage and, if necessary, they must be replaced (refer to the Spare Parts Lists).

The control unit will be permanently damaged by the ingress of fluids!

 The sealing rings of the connectors should be lightly lubricated with Klübersynth VR-252, Magnetic Order No. R50014. The use of other low-friction lubricants may damage the sealing rings and the plastic housing!

Cleaning

Protection from water, cleaning, disinfection

The control unit is protected to IPX4.

 The control unit must only be cleaned while the motors and control switches are properly connected and while the adapter input is sealed with blanking plugs (3, Fig. 2). The control unit will be permanently damaged by the ingress of fluids.
At regular intervals (every six months), the plastic housing must be checked for signs of mechanical damage (cracks)!
Sealing points should be periodically checked for signs of damage.

Maximum cleaning and drying temperature: 65 °C!
As soon as possible after use, the unit must be cleaned in order to prevent the accretion of residues!

- The unit should be cleaned by hand with a damp cloth and water, without the use of cleaning agents.

 The Magnetic Special Instructions ML 0111/87 must be observed.
Washing water with chemical additives must be pH-neutral.
Excessively acidic or alkaline washing water can permanently damage the metal and plastic components of the control unit.
Manually-controlled and mechanical high pressure cleaning equipment must not be used.
Only isopropyl alcohol should be used as a cleaning agent for wipe-over disinfection.

Maintenance

 The control unit and accumulator unit should only be maintained by Magnetic Customer Service personnel!

Magnetic Technical Manual Page Four

Technical Manual



Technical Data

Refer to the brochures: 'Control Unit' Type MCU...
'Charging Station' Type ZLA - 142Z1

Troubleshooting

Error	Cause	Measure
All actuators do not work	Emergency-OFF on	Cancel emergency-OFF with a rotary movement
	Deep discharge protection of the control unit is activated (display flashes yellow, control unit signals audibly when a key is pushed)	Charge battery or replace battery with a full one.
	No battery placed	Place battery
	Battery does not make contact	Place battery correctly and check position
Single actuator does not work	Bad connector contact of operation element plug	Check operation element plug and connect the plug once again
	Bad connector contact	Check motor plug and connect the plug once again
Batteries do not charge	Actuator cable damaged	Check cable and replace the actuator, if necessary
	Battery full (LED indicates green)	Recharge can be started again by short removal of the mains voltage or the battery
	Battery is not or incorrectly placed (LED indicates green)	Place battery and check position
Actuator shuts down at operation	Dark display	Check mains adapter or mains cable for damages Check mains supply (house fuses)
	Actuator overload in load direction	Reduce actuator load
	Batteries are empty (LED flashes yellow and control indicates a buzzing signal when a key is pushed (deep discharge protection of the battery))	Charge battery or replace battery pack

General Precautions and Maintenance of the Penner Transfer

System Cleaning (After Every Bath)

- Clean and disinfect the Transfer Lift after every bath with Penner Cleaner/Disinfectant as follows:
- **Note.** Penner Cleaner/Disinfectant is a special non-abrasive cleaning and disinfecting solution that will not harm the tub's fiberglass surface. Penner Cleaner/Disinfectant is the only cleaning solution designed and recommended for use with your Superior Tub.
- Disinfect the seat pad by detaching it and positioning it over the tub. Use the brush to scrub its surfaces with the remaining solution. Allow for proper disinfectant contact time (Usually 10 minutes or as recommended by the disinfectant's manufacturer.) and rinse the seat. Replace the seat and lock on the Penner Transfer
- Position the Transfer seat chair frame over the tub, then using a long-handled brush (available from your Penner distributor) to thoroughly scrub all the surfaces of the Transfer seat frame. Then with the solution that remains in the foot well of the tub, thoroughly scrub Lift seat, backrest, and belts.
- Thoroughly rinse all cleaned components of the Transfer System Chair.



WARNING

Housekeeping personnel should wear protective glasses and gloves to prevent disinfectant from damaging their eyes or skin. If disinfectant gets on the skin or in the eyes, rinse thoroughly with plenty of water. Seek medical advice if irritation occurs.

Daily Safety Checklist

CHECK THE FOLLOWING ITEMS EACH DAY BEFORE USING YOUR PENNER TRANSFER SYSTEM.

Perform the following safety checks for the Penner Transfer Lift:

1. Seat Belt – Check the condition of the seat belt(s) for signs of excessive wear.
2. Seat Latch – Check the seat latch on the Penner Transfer frame. Ensure it is operating properly. The latch should hold the seat pad in place and should not come off without pressing the latch release handle down.

WARNING

If during the safety checks you find parts are missing, are excessively worn, do not function properly, or do not meet the recommended safe operating levels, do not operate the equipment until the maintenance department has taken the appropriate corrective action.

Your Penner Distributor and his personnel are trained to provide in-service instruction and maintenance on your Penner Transfer Lift . If you have any questions about the operation or maintenance of your System, please contact your Penner Distributor.

For your nearest Penner distributor, contact .

Penner Patient Care, Inc

at

1-866-736-6377 OR 1-800-732-0717.