Installation and Operation Instructions

GoLift Patient Lift (400 lbs & 700 lbs)

Amico

www.amico.com

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Introduction

APPLICATION

The primary purpose of a ceiling lift system is to safely lift and transfer a patient with as little effort as possible for the caregiver, regardless of the room type. A ceiling lift is simple and safe for the caregiver as well as the patient. The lift systems fit into all environments.

DESCRIPTION

The Amico GoLift is an ideal ceiling lift system designed for routine transfers of patients. The most compact ceiling lift in its class, the Amico GoLift is designed to be aesthetically pleasing to both the caregiver and the patients. In an effort to address infection control requirements, we gave careful consideration to the smooth edges and rounded corners of our ceiling lift, Carry Bar and hand control. When you look under the cover of this compact lift, you will find an impressive set of all metal gears and state-of-the-art battery technology that will allow the caregiver to safely, and effortlessly, transfer a patient weighing up to 700 lbs on a single lift. For larger patients, you may combine two compact GoLift systems to obtain a lifting weight of 1000 lbs.. In addition, our revolutionary trolley design allows for quick installation of the lift into and out of the track. The trolley provides an instant mechanical and electrical connection while our modular track system gives you tremendous flexibility so that your workspace may be optimized to suit your needs for any working environment.

The GoLift is available in two weight capacities which must not be exceeded:

400 lbs (182 kg)
700 lbs (318 kg)

The Amico GoLift is a fixed lift and can be installed in a variety of track profiles (the trolley can be customized to fit these track profiles) and it also works seamlessly with the Amico GoLift Pendant (PLP) System.

Contents of Packaging:

1. Amico GoLift
2. Hand Control
3. Charger
4. Owner's Manual
5. GoLift Trolley

NOTE: The Carry Bar is packaged separately.

Upon receipt of the packages, verify it against the packing slip to ensure the shipment is complete and inspect the equipment for possible damage. If there is any damage, DO NOT USE the equipment and notify the carrier immediately to file a claim. Provide complete information concerning damage claims or shipping errors to Amico Mobility Solutions Corporation. Include all equipment identification numbers along with a description of the damaged parts.

Introduction

SYMBOLS USED IN THIS MANUAL

Symbol	Reference	Title
	ISO 7000-0434A	Caution risk of danger
	TUV	Certified by TUV
 Type B	IEC 60417-5840	Type B Applied Part
	CE	Certification of Conformity
	ISO 7010-M002	Refer to instruction manual/booklet
	Amico Mobility	Emergency Lowering
	N/A	N/A

WARNING: This symbol is intended to alert the user of hazard or unsafe practices, which could result in serious bodily harm.

MARKINGS

The GoLift 400 and GoLift 700 are designed to comply with the following Standards:

Standard(s):	CAN/CSA-C22.2 No. 60601-1:08 Medical Electrical Equipment – Part 1: General requirements for basic safety and essential performance. ISO10535:2006 Hoists for the transfer of disables persons – Requirements and Test Methods
Product:	Amico GoLift
Brand Name:	GoLift
Models:	400 lbs and 700 lbs

EC REP

AJW Technology Consulting GmbH
Königsallee 106
40215 Dusseldorf
Germany

Safety Instructions

READ THESE INSTRUCTIONS CAREFULLY OR SERIOUS INJURY MAY OCCUR

- The Amico GoLift must be installed only by personnel authorized by Amico Mobility Solutions Corporation.
- Do not use this equipment prior to understanding the contents of this manual.
- Contents of this manual are subject to change without prior notice to users. Keep for future reference.
- Never place the Amico GoLift, track/PLP and sling(s) in control of a person who has not been properly trained in the use and care of this equipment.
- The Amico GoLift and associated Track/PLP and sling(s) are for transferring patients only. Never use the GoLift for any other purpose.
- Amico Mobility's Warranty is void if unauthorized personnel perform service on the Amico GoLift system.
- In facilities where more than one caregiver is be responsible for using the Amico GoLift and associated track and slings, it is important that all caregivers be trained in the proper use of this equipment. A training program should be established by the facility to familiarize new caregivers with this equipment.
- Do not expose the Amico GoLift directly to water. Warranty does not cover any misuse or abuse of the Amico GoLift.
- The Amico GoLift should be inspected and maintained on a regular basis to keep it operating safely and correctly. Refer to page 16 of this manual.
- Any accessories used with the Amico GoLift including the track/PLP and sling(s) should be checked to ensure that they are in good working order. Check for signs of wear or fraying prior to use. Report any unusual wear or damage immediately.
- Amico Mobility will not be responsible for any damage caused by misuse, neglect or purposeful destruction of the lift and its associated components. Do not attempt to modify/alter the Amico GoLift.
- Do not in any circumstance exceed the maximum allowable load of this lift. Refer to the "Technical Specifications" section of this manual and/or the labels on the lift.
- The installation of the lift, track and sling are certified to a maximum load. Do not exceed the maximum rated load of any of the components.
- There is a risk of explosion if the lift is used in the presence of flammable anesthetics.
- The Amico GoLift should be decommissioned/disposed of after the recommended service lift in accordance with local law regulations.

There are no known contraindications associated with the use of the Amico GoLift and its accessories, provided they are used per our recommendations and guidelines.

However, for any independent uses of the Amico GoLift, it is extremely important that the patient is able to receive assistance, during the transfer in the event of an equipment failure. This assistance can be provided in the form of; a nearby qualified caregiver, a phone or other communication device.

Technical Specifications for Amico GoLift

Three GoLift Weight Capacities

GoLift 400	Single Lift GO-LIFT-400	Lift Up to 400 lbs / 181 kg
GoLift 700	Single Lift GO-LIFT-700	Lift Up to 700 lbs / 318 kg
GoLift 1000	Tandem Lifts GO-LIFT-1000	Lift Up to 1000 lbs / 454 kg

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Safe Working Load (SWL)
400 lbs / 181 kg
700 lbs / 318 kg
1000 lbs / 454 kg

Dimensions
400 & 700 lbs / 181 & 318 kg:

- Length: 7 ¾" / 197 mm
- Width: 7 ¾" / 197 mm
- Height: 4 ¼" / 108 mm
- Strap Length: 84" / 2134 mm

1000 lbs / 454 kg:

- Length: 15 ½" / 394 mm
- Width: 7 ¾" / 197 mm
- Height: 4 ¼" / 108 mm
- Strap Length: 84" / 2134 mm

Unit Weight
400 lb / 181 kg version: 8 lbs / 4 kg
700 lb / 318 kg version: 10 lbs / 5 kg
1000 lb / 454 kg version: 20 lbs / 9 kg *(Tandem Lifts)*

Lift Case
Flame retardant ABS

Safety
Emergency Stop
Emergency Lowering Device
Upper Limit Detection
Lower Limit Detection
Slack Tape Sensor
Free Fall Brake (over speed governor)
Low Battery and Dead Battery Alarms
Soft Start and Stop
Overload Protection
Emergency Manual Lowering

Approvals
Certified to:
Can/CSA-C22.2 No 60601-1:08,
UL 60601-1:08
Tested to: ISO 10535-06, CE

Hand Control
Capacitive Touch
Protection Class: IPX4

Service Life
10 years or 22,500 cycles

Maximum Sound Level
<55 dB

Maximum Lifting Speed
No load: 2 inches/second
150 lbs / 68 kg: 1.3 inches/second
400 lbs / 181 kg: 1 inch/second
700 lbs / 318 kg: 1 inch/second
1000 lbs / 454 kg: 1 inch/second

Batteries
High Capacity, Nickel Metal Hydride (Ni-Mh)
Standard: 2x 14.4V (3.3Ah)
Optional: 2x 14.4V (5Ah)

Battery Charger:
Input: 100-240V AC
Output: 36V DC 1.0A 40W

Number of Lifts per Charge (Duty: 10/90)
25% of strap at midrange[1]:

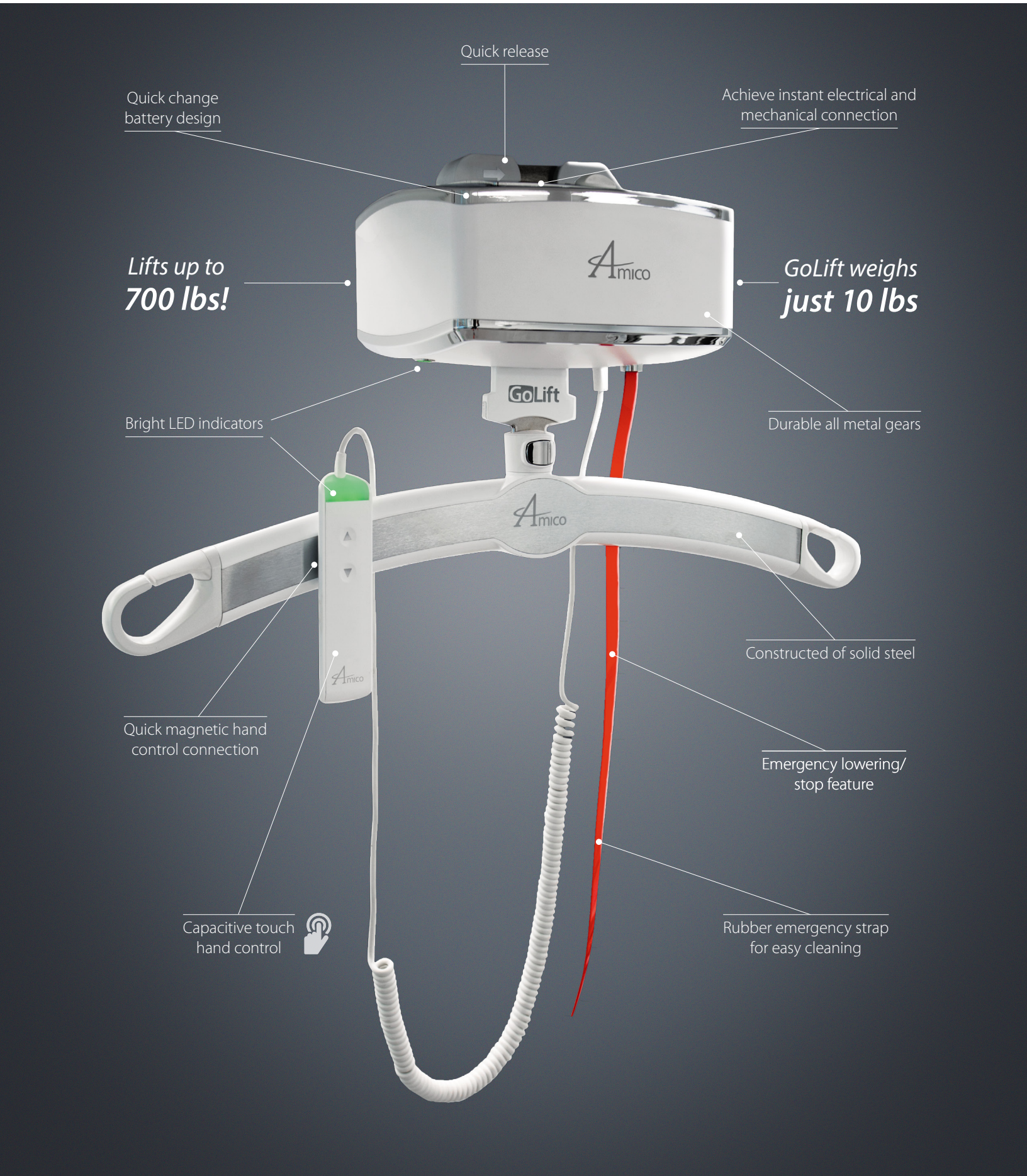
- 375 with 185 lbs / 84 kg
- 170 with 400 lbs / 181 kg
- 102 with 700 lbs / 318 kg

Charging time: 2 - 4 hours

[1] *Calculated using 5Ah Packs*

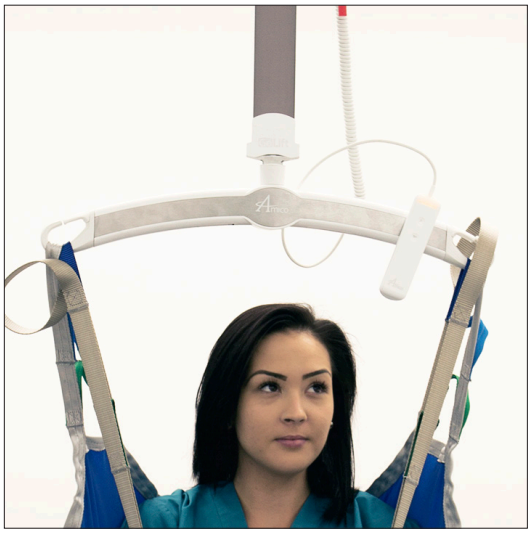
TÜV SÜD C US CE 3 YEAR warranty MADE IN NORTH AMERICA

Anatomy of the GoLift



Basics in Transferring a Patient

Lifting Sling:
A lifting sling with four to six straps designed for mounting on hooks should be used when using an Amico GoLift Carry Bar. Place the straps on the hooks and make sure the loops are not in the latch so the straps do not unintentionally fall off.



Amico Mobility shall not be liable for faults or accidents due to incorrect use of the lifting sling, or for reasons of inadequate attention on the part of the caregiver or patient.

Working with the Amico GoLift:
The Amico GoLift moves freely in the track system and does not have any special requirements for space or power in connection with moving. Attention can be fully focused on the user's functional level and the caregivers technique.

To use the GoLift correctly, the patient should only be lifted to the extent that she/he is clear of the surface and should be moved at this height.

Attaching the Lifting Sling:
Place the straps from the lifting sling on the hooks of the Carry Bar. Start with the uppermost set of straps (from the back) and then take the lowest set of straps (from the legs)

Be careful when attaching the lifting sling on the hooks. Check that the straps have been completely through the opening and into place in the Carry Bar hooks. When pressing the up button to lift the patient, check again that all straps remain correctly placed in the Carry Bar's hooks.

Lifting to and from a seated position:

- When lifting a patient from e.g. a wheelchair, move the Amico GoLift towards the patient to be lifted.
- The Carry Bar should be at the same height as the patient's chest and should not be moved further in over the user to approximately mid-though position.
- Place the Carry Bar parallel to the patient's shoulders.
- Place the lifting sling behind the user's back between the back of the chair and the user's back.
- The center band of the lifting sling should follow the user's spine. Lead the leg straps along the outer sides of the patient's shins and beneath the thighs between the hollow of the knees and the hip joints. Cross the leg straps in front of the user.
- All four lifting straps are now ready to be attached. The lifting sling can now be mounted on the Carry Bar.

Basics in Transferring a Patient

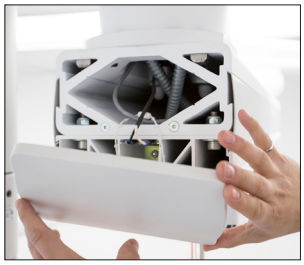
Lifting to and from lying position in bed:

- Bring the Carry Bar over the center of the patient to be lifted.
- Place the Carry Bar parallel to the patient's shoulders.
- Turn the patient onto his or her side. The sling should be placed so that the top of the sling is at the same height as the top of the user's head. Now position the sling over the user so that the center band follows the user's spine. Turn the user onto his or her back and pull out the remaining part of the lifting sling. Place the leg straps beneath the user's thighs and cross them. All four lifting straps are now ready to be attached and the lifting sling can now be mounted on the Carry Bar. It is an advantage to elevate the head of the bed so that the patient is sitting up.
- Only persons who have received competent instruction regarding the use of the lifting equipment and fitting of slings should use the Amico GoLift.

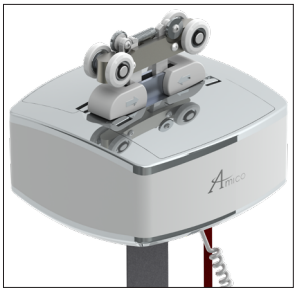
Important: Plan the move and avoid leaving the patient in the sling unattended. Before lifting, check that the patient is completely free of his/her surroundings. The patient's head, arms, hands and feet must not be in danger or becoming trapped. Be careful with any tubes and wires that are attached to the user. Check that the hand control and hand control cable is free of hanger, patient and other object before the lift is activated up or down moved.

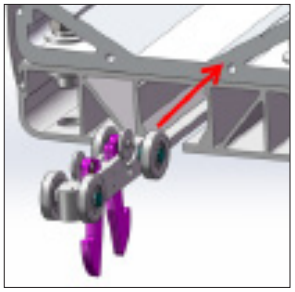
Installing the GoLift in the Amico PLP Track

1. Remove both the end caps on the PLP Arm.



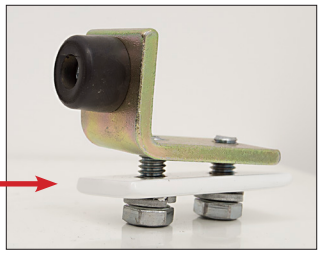
2. Make sure the trolley is inserted correctly in the GoLift.
   The trolley is equipped with sensors that will only allow the GoLift to operate when the trolley is secured inside the lift.





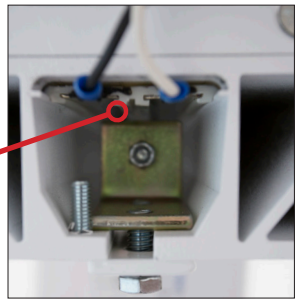
Installing the GoLift in the Amico PLP Track

3. By using an adjustable wrench, remove the end stopper on the PLP track by loosening the bolts.



4. Slide the GoLift motor into the PLP track from the other side. Make sure the GoLift Motor is constantly in contact with the charging strip.

CHARGING STRIP



5. Fasten the end stops back on to the PLP track. Ensure there is enough clearance room to place the end cap on the PLP arm and place the end cap back on the arm.

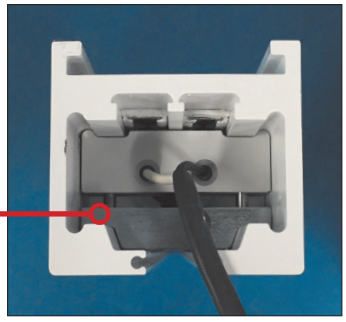
6. Fasten all end stops tightly using an adjustable wrench.

NOTE: If you are installing the Amico GoLift in an existing track system you must ensure that the max load of the track system is equal or higher than the max load of the Amico GoLift.

7. To disconnect the lift from the trolley, press on the two quick release trolley buttons and pull down on the lift.

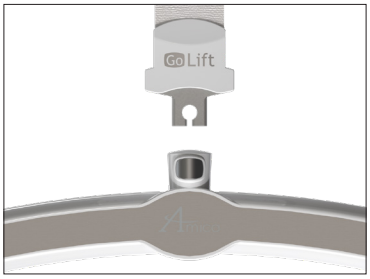
Installing the Endstop on the Amico Track

1. Use a 3/16 Allen key to secure the endstop to the track.



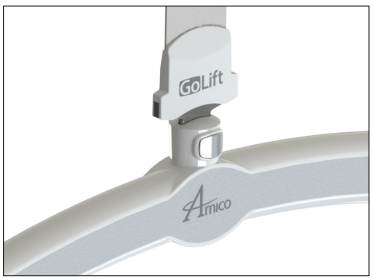
Connecting the Carry Bar to the Lift Strap

1. Hold the Carry Bar and press the button using the thumb as shown.



2. Insert the strap attachment in the slot on the Carry Bar top cover with the open side facing down and release the button.

3. Check that the button has returned to its locked position by checking that it is flush with the cover of the Carry Bar and that the strap attachment can rotate freely.



Connecting the Hand Control to the Carry Bar or Wall Plate

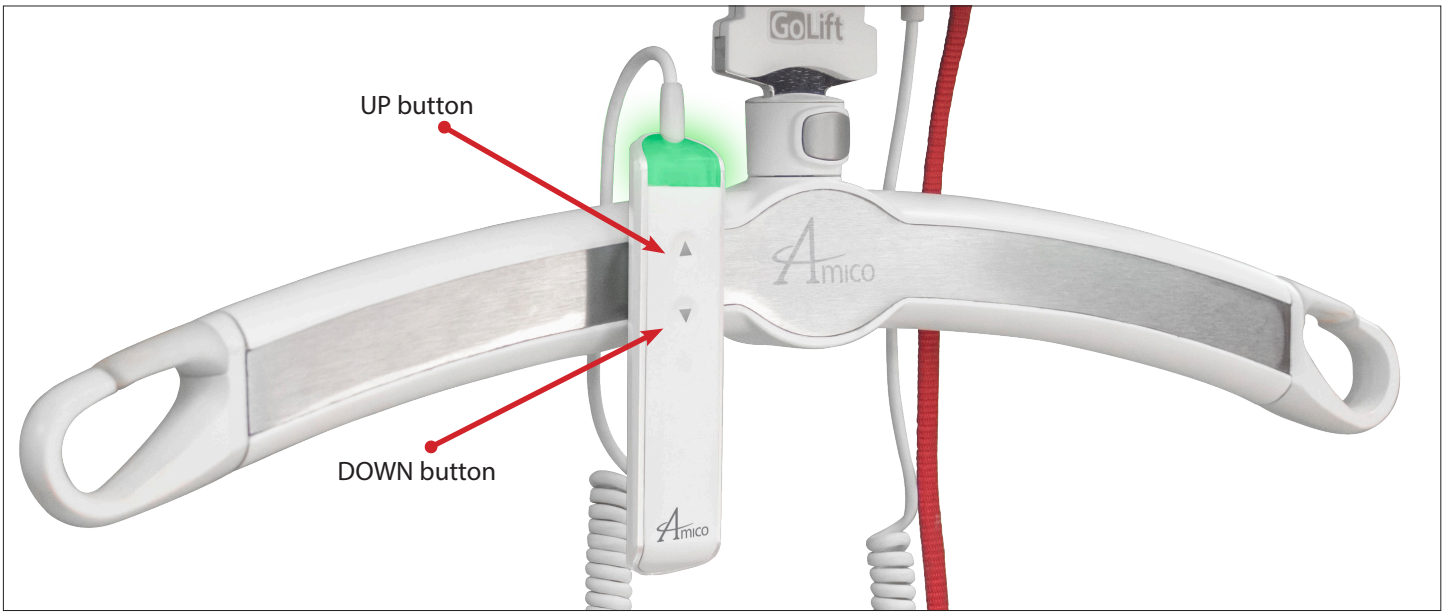
Capacitive touch hand control – Allows users with limited dexterity to effortlessly operate the unit.

Magnetic Hand control connect for quick attachment to Carry Bar or wall plate.

Do not place the hand control within 5" of a pacemaker. Patients with pacemakers must follow the instructions provided by their doctors.

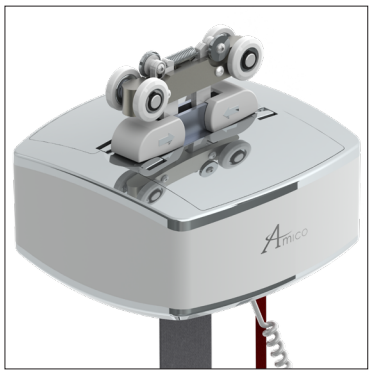
Operating the GoLift

The Amico GoLift is switched on automatically when a button on the hand control is pressed.
The Amico GoLift switches off automatically after approximately three minutes without activation.



Charging the GoLift

The charger contacts with two metal charging strips located inside the track. Whenever the lift is over a section of track with charging strips, it will automatically start to charge the lift if the battery is low.



The batteries should be charged on a regular basis. It is recommended that the lift be left on charge when not in operation, and at the end of each day. This will maximize the life cycle of the batteries.

The GoLift may remain connected to the charger indefinitely since the charger has a built-in regulator, eliminating the danger of overcharging.

As a general rule, it is recommended that the Carry Bar be raised to a height that will not interfere with anything or anyone while the lift is not in use.

Do not drain the batteries excessively. This will dramatically reduce the lifespan of the batteries. If the slow beep sounds, be sure to recharge the battery as soon as possible.

Do not leave the GoLift with the power on for a long time. If the GoLift is not returned to the charger the batteries will be drained and damaged.

Do not install the power supply in a position where it is not possible to disconnect the plug from the charger. NOTE: Ensure that the trolley is in the charging section of the track when installing the lift.

LED and Buzzer Functions

Charging	Battery	LED	Buzzer	Additional Notes
Yes	Full	Green If re-connect to charger LED goes Orange for 5 seconds then back to Green	N/A	LED stays on 1 minute after use then shuts off
No	Full	Green	N/A	LED stays on 1 min then shuts off
Yes	Not Full	Orange	N/A	LED stays on 1 min then shuts off
No	Low Battery	Blinks Orange	N/A	LED stays on 1 min after use then shuts off. Monitor Voltage to check for battery level. 1 full lift at max load must be able to be completed.
No	Dead	Red	Single beep every 3 seconds	LED stays on 1 min after use then shuts off. Monitor Voltage to check for battery level. Lift in up direction not allowed but must be able to go in the down direction.
No	Fault Temperature Error	Flashing Red	Beep pattern single beep every 5 seconds	LED stays on for 1 minute
Emergency Lowering		Red	Beep	Red LED if main board is working. No LED if main board has malfunctioned.
Latch Error ..... Red flashing once every .5 second ..... Buzzer On solid				
During Sleep mode (when LED turns off - after 1 minute) the unit should draw no power (1ma). This is required to ensure long shelf life. When any of the buttons are pressed the unit has to wake up instantly.				
Maintenance Alarm				
At 1001 lifts, the LED will flash Green.				
To reset, press Up button, then Down button, then Up button, then Down button and then hold both buttons for 10 seconds.				
If successful, the LED turns Red, Green and Orange. The buzzer beeps three times.				
Please note, that a reset can be performed at any time, not just after the 1000th lift.				

Emergency Stop

The GoLift unit also has an Emergency Shut-off feature that allows the operator to shut-off the power to the lift completely in the event of an emergency. By pulling once on the RED emergency lowering cord, located on the underside of the lift, the lift will immediately stop and all its functions will be disabled. The ON indicator light will turn off, and the Emergency Shut-off button located inside the lift will pop out. After an emergency, the lift must be inspected prior to restoring to use. In order to restore power to the lift, the tab must be pressed back into the lift.

Do not pull the red cord forcefully. For assistance after an emergency, contact: Amico Service at: acs-service@amico.com or 1.877.462.6426

Emergency Lowering

In the event that the DOWN button on the hand control does not function, or in power failure situations, the patient may be lowered by pulling and holding down the RED emergency lowering cord located on the underside of the lift. Continue to pull down until the patient is safely lowered to the desired position. The lift will beep as you continue to pull down on the cord and will continue beeping until the cord is released after the desired lowering has been achieved.

NOTE: The emergency lowering button does not provide a raising function. The failure of any of the lowering devices should be reported to Amico Mobility.

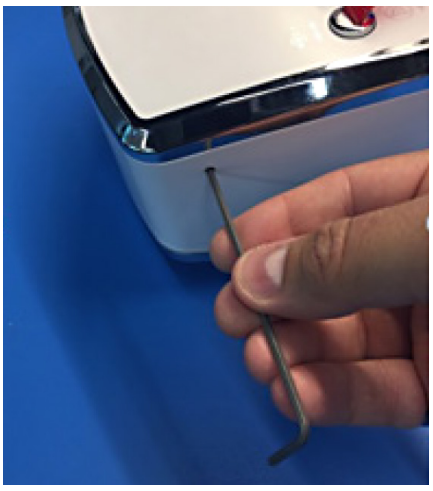
In an event of emergency when normal lowering system of the lift malfunctions and the "emergency lowering" function is used, the lift must be reset by a qualified lift technician before re-use.

Manual Emergency Lowering

The manual emergency and raising should only be used if the emergency lowering does not work. A proper safety ladder or stool may be required to remove the plug from the cover. Remove the round plug from the lift cover and use 3/16" or 2.5 mm Allen key to rotate the motor in the up or down direction.

Caution: DO NOT attempt to use the lift while using manual lowering.

Remove the round plug from the lift cover and use 3/16" or 2.5 mm Allen key to rotate the motor in the up or down direction.



Overspeed Cam

The Overspeed Cam brake is made of a metal bar fixed to the drum. Incase of gear or motor breakage, the centrifugal force created will block the bar against the frame.

Cleaning and Disinfection

The exterior of the GoLift should only be cleaned, disinfected using the recommended cleaning agents shown below. Damp a cloth with the cleaning agent and wipe down entire exterior of the lift and Carry Bar. Other chemicals and/or liquids not listed should not be used to clean and disinfect this lift.

Take great care to ensure that no liquids get inside the Amico GoLift. The lift is not drip proof or water tight. Failure to protect the lift from liquids may result in damage to the lift and may cause personal injury.

Recommended cleaning agents:

- Virox Accel TB
- Virox 5
- Dispatch Hospital Cleaner disinfectant towels with Bleach
- Clorox Healthcare Professional Disinfecting Bleach Wipes
- Sani-Cloth super germicidal disposable wipes
- Virocidin-X

Troubleshooting

Should problems arise with the use of the Amico GoLift, review the following chart. Find the fault and complete the recommended solution. If the fault is not found and or/the solution does not correct the problem contact Amico Mobility.

Fault	Recommended Solution
The GoLift emits a slow beep while in use. The lift only goes down but not in the upwards direction.	The batteries are low and the lift should be charged.
The GoLift cannot lift.	If the load is in excess of the safe working load the GoLift will not work due to over-current protection.
The batteries are always dead after a few charges	Replace the batteries as they may be at the end of their service life
The GoLift does not operate when you press the buttons on the hand control.	Check that the emergency cord is not pulled.
The GoLift is not operating properly	Make sure the GoLift is inserted all the way inside the trolley. This would activate the trolley's limit switches.
The lift does not go up	There may be a twist in the lift strap.

Inspection and Maintenance

Prior to using the Amico GoLift, the inspections should be conducted per the following schedule:

Item	Before Use	Every Month	Annual
GoLift	•		
Ensure that end stops are installed	•		
Inspect strap for wear or fraying	•		
Ensure Batteries are charged	•		
Inspect Carry Bar for damage or sharp edges or gaps in swivel pin area	•		
Inspect the wheels in the trolley. Replace if damaged.			•
Sling			
Check all straps for wear or fraying	•		
Inspect the sling for any damage in the fabric		•	
Ensure there are no loose threads in the stitching	•		
Maintenance by a certified technician			
Check the strap and replace only if frayed or damaged			•
Inspect the gearbox for any unusual noises			•
Inspect the carry bar components for any cracks			•
Inspect the gears for any broken or worn teeth			•
** Verify the overspeed cam is operating freely			•
Check emergency stop cord			•
** Check emergency lowering device			•
*Annual load test with SWL (maximum safe working load)			•
Ensure the end stops are installed			•

* In accordance to the ISO 10535 Standard "Hoists for the transfer of disabled persons – Requirements and test methods" an inspection should be performed on the GoLift at least once a year. This inspection should be performed by a qualified technician and should include a working load test of one (1) lifting cycle with the maximum load.

** These two functions must be checked by a qualified technical to ensure the essential performance of the GoLift.

Do not operate the GoLift until any issues discovered during the inspection have been addressed by a certified technician.

GoLift Accessories

	Slings	Material	S	M	L	XL
GoBasic	GoBasic With Head Support	Polyester	SLG-GO-BASIC-WV-HS-S	SLG-GO-BASIC-WV-HS-M	SLG-GO-BASIC-WV-HS-L	SLG-GO-BASIC-WV-HS-XL
	GoBasic With Head Support	Mesh	SLG-GO-BASIC-MSH-HS-S	SLG-GO-BASIC-MSH-HS-M	SLG-GO-BASIC-MSH-HS-L	SLG-GO-BASIC-MSH-HS-XL
	GoBasic No Head Support	Polyester	SLG-GO-BASIC-WV-S	SLG-GO-BASIC-WV-M	SLG-GO-BASIC-WV-L	SLG-GO-BASIC-WV-XL
	GoBasic No Head Support	Mesh	SLG-GO-BASIC-MSH-S	SLG-GO-BASIC-MSH-M	SLG-GO-BASIC-MSH-L	SLG-GO-BASIC-MSH-XL
GoLong	GoLong	Polyester	SLG-GO-LONG-WV-42X78		SLG-GO-LONG-WV-56X78	
	GoLong	Mesh	SLG-GO-LONG-MSH-42X78		SLG-GO-LONG-MSH-56X78	
GoHygiene	GoHygiene	Polyester	SLG-GO-HYGIENE-WV-S	SLG-GO-HYGIENE-WV-M	SLG-GO-HYGIENE-WV-L	SLG-GO-HYGIENE-WV-XL
GoComfort	GoComfort	Polyester	SLG-GO-COMFORT-WV-S	SLG-GO-COMFORT-WV-M	SLG-GO-COMFORT-WV-L	SLG-GO-COMFORT-WV-XL

Guidelines For Choosing Your Sling Size

	S	M	L	XL
Height	31.4 - 34.5" / 798 - 876 mm	33.4 - 36.2" / 848 - 920 mm	35.4 - 38.2" / 899 - 970 mm	37.4 - 41.3" / 950 - 1049 mm
Width	14.2 - 15.8" / 361 - 401 mm	15.4 - 17" / 391 - 432 mm	16.5 - 17.7" / 419 - 450 mm	19 - 20.5" / 483 - 521 mm

Washing Instructions

Normal washing at indicated temperature


Do not bleach


Tumble dry low


Do not iron


Do not dry clean

GoTrack Systems and Support Structure

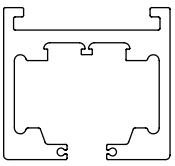
GoTrack Configurations

We offer three different track profiles, as well as modular and custom configurations that come in:

- Straight Track
- Curved Systems
- Full Room Coverage (X/Y or H Systems)
- Optional Infection Control Track
- Optional recessed, flush mount track systems

All GoTrack Systems feature:

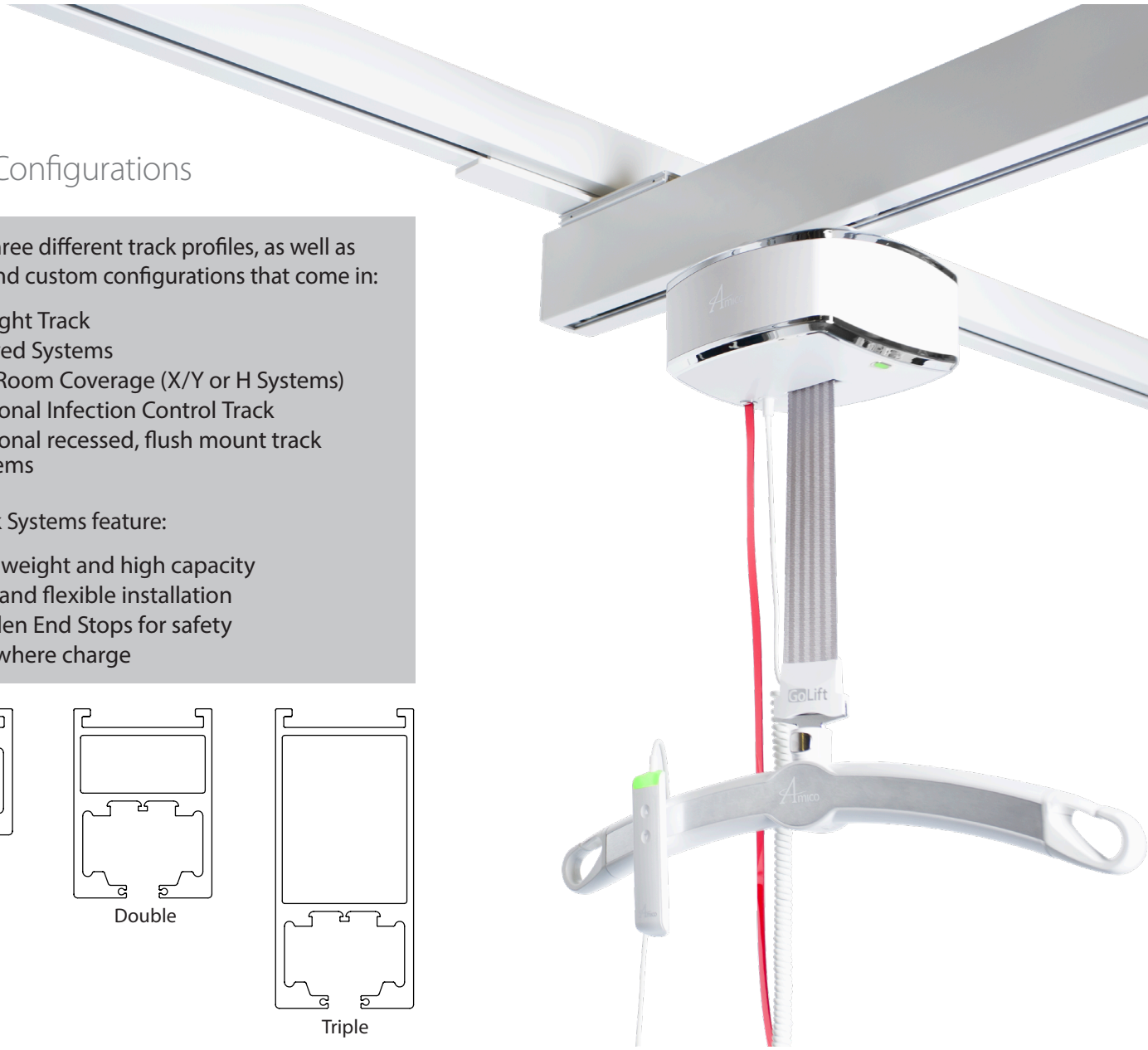
- Low weight and high capacity
- Fast and flexible installation
- Hidden End Stops for safety
- Anywhere charge



Regular

Double

Triple



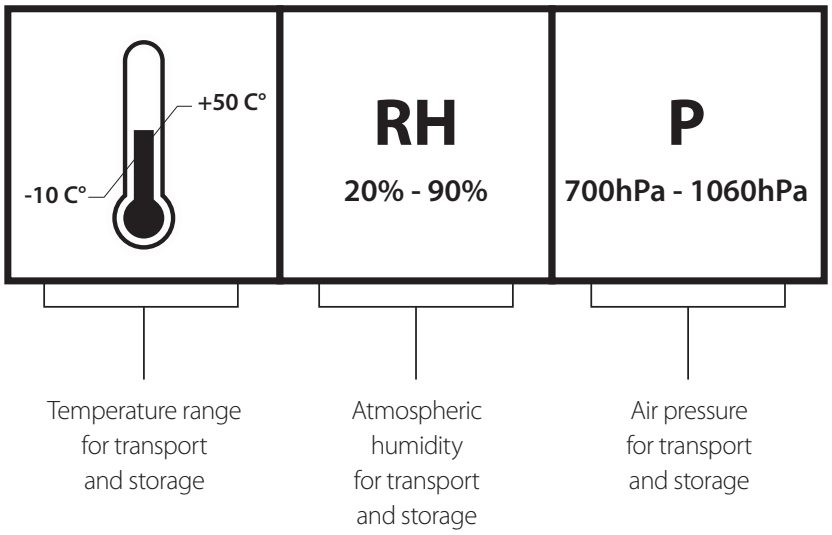
Description	Part Number	Length x Width x Height	Product Weight	Material
Regular	TRK-REG-96	96 x 2.63 x 2.36" / 2440 x 67 x 60 mm	8.3 lbs / 3.77 kg	White powder coated extruded aluminum
Regular	TRK-REG-120	120 x 2.63 x 2.36" / 3050 x 67 x 60 mm	8.3 lbs / 3.77 kg	White powder coated extruded aluminum
Regular	TRK-REG-240	240 x 2.63 x 2.36" / 6100 x 67 x 60 mm	8.3 lbs / 3.77 kg	White powder coated extruded aluminum
Double	TRK-DBL-120	120 x 2.63 x 3.55" / 3050 x 67 x 90 mm	10.4 lbs / 4.72 kg	White powder coated extruded aluminum
Double	TRK-DBL-150	150 x 2.63 x 3.55" / 3800 x 67 x 90 mm	10.4 lbs / 4.72 kg	White powder coated extruded aluminum
Double	TRK-DBL-240	240 x 2.63 x 3.55" / 6100 x 67 x 90 mm	10.4 lbs / 4.72 kg	White powder coated extruded aluminum
Triple	TRK-TRP-120	120 x 2.63 x 5.75" / 3050 x 67 x 146 mm	12.4 lbs / 5.65 kg	White powder coated extruded aluminum
Triple	TRK-TRP-240	240 x 2.63 x 5.75" / 6100 x 67 x 146 mm	12.4 lbs / 5.65 kg	White powder coated extruded aluminum
Custom	Custom lengths in any track type available upon request			

Environmental Conditions

Operation		
	Minimum	Maximum
Temperature	+10°C	+40°C
Relative atmospheric humidity	30%	75%
Air pressure	700 hPa	1060 hPa

Transport/Storage		
	Minimum	Maximum
Temperature	-10°C	+50°C
Relative atmospheric humidity	20%	90%
Air pressure	700 hPa	1060 hPa

References on the Package



Electro-Magnetic Compliance Data for Amico GoLift

Guidance and Manufacturer's Declaration - Electromagnetic Emissions		
The [EQUIPMENT or SYSTEM] is intended for use in the electromagnetic environment specified below. The customer or the user of the [EQUIPMENT or SYSTEM] should assure that it is used in such an environment.		
Emissions Test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The [EQUIPMENT or SYSTEM] uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class A	The [EQUIPMENT or SYSTEM] is suitable for use in all establishments other than domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	

Electro-Magnetic Compliance Data For Amico GoLift

Guidance and Manufacturer's Declaration - Electromagnetic Emissions			
The [EQUIPMENT or SYSTEM] is intended for use in the electromagnetic environment specified below. The customer or the user of the [EQUIPMENT or SYSTEM] should assure that it is used in such an environment.			
Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/ output lines	±1 kV for power supply lines ±0.250 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV line(s) to line(s) ±2 kV line(s) to earth	±1 kV line(s) to line(s) ±2 kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	<5 % UT (>95 % dip in UT) for 0,5 cycle 40 % UT (60 % dip in UT) for 5 cycles 70 % UT (30 % dip in UT) for 25 cycles <5 % UT (>95 % dip in UT) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the [EQUIPMENT or SYSTEM] requires continued operation during power mains interruptions, it is recommended that the [EQUIPMENT or SYSTEM] be powered from an interruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A / m	Not Applicable	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE: U_T is the a.c. mains voltage prior to application of the test level.			

Electro-Magnetic Compliance Data For Amico GoLift

Guidance and Manufacturer's Declaration - Electromagnetic Emissions			
The [EQUIPMENT or SYSTEM] is intended for use in the electromagnetic environment specified below. The customer or the user of the [EQUIPMENT or SYSTEM] should assure that it is used in such an environment.			
Emissions test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
√Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the [ME EQUIPMENT or ME SYSTEM], including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance d = 1.2 √P d = 1.2 √P 80 MHz to 800 MHz d = 2.3 √P 800 MHz to 2,5 GHz where *P* is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and *d* is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, [a.] should be less than the compliance level in each frequency range. [b.] Interference may occur in the vicinity of equipment marked with the following symbol: 
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

[a.] Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the [ME EQUIPMENT or ME SYSTEM] is used exceeds the applicable RF compliance level above, the [ME EQUIPMENT or ME SYSTEM] should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the [ME EQUIPMENT or ME SYSTEM].

[b.] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Electro-Magnetic Compliance Data For Amico GoLift

Recommended separation distances between portable and mobile RF communications equipment and the [EQUIPMENT or SYSTEM]			
The [EQUIPMENT or SYSTEM] is intended for use in an electromagnetic environment in which radiated RF disturbances are control LED. The customer or the user of the [EQUIPMENT or SYSTEM] can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the [EQUIPMENT or SYSTEM] as recommended below, according to the maximum output power of the communications equipment.			
Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter M		
	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	800 MHz to 2,5 GHz $d = 1.2\sqrt{P}$
0,01	0.12	0.12	0.23
0,1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.			
NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.			
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.			

Disposal

- The Amico GoLift doesn't contain any dangerous goods.
- The components of the Amico GoLift should be properly disposed at the end of its shelf-life.
- Make sure that the materials are carefully separated.
- The electrical conducting boards should be submitted to an appropriate recycling proceeding.
- The rest of the components should be disposed according to the contained materials.

Warranty Policy - Mobility Solutions

The primary purpose of our ceiling lift system is to safely lift, transfer and reposition a patient with as little effort as possible for the caregiver, regardless of the room type. The Amico Mobility Solutions Corporation's GoLift is easy and safe to use for caregivers as well as patients. The lift systems fit into all environments and fulfills the highest requirements of function, safety and reliability.

Amico Mobility Solutions Corporation warrants its lifting equipment and workmanship to be free from defects for a period of three (3) years from the date of installation. This includes tracks, lift motor, carry bar and accessories. The Amico slings have a warranty of two (2) years.

Within this period, Amico Mobility Solutions Corporation will replace any part (at no additional charge), which is deemed defective. Shipping and installation costs after the first twelve (12) months will be borne by the customer. The following exclusions apply: the warranty for batteries is for a period of three (3) months from the time of installation; the warranty for power supply is one (1) year from the time of installation.

This warranty is valid only when the product has been properly installed as outlined in the Amico Mobility Solutions Corporation specifications; including but not limited to proper usage and servicing of systems according to factory recommendations. It does not cover damages as a result of shipment failures, accidents, misuse, abuse, neglect, mishandling, alternation, misapplication or damages which may be attributed to acts of God.

Amico Mobility Solutions Corporation shall not be liable for incidental or consequential damages resulting from the use of the equipment.

All claims for warranty must first be approved by Amico Mobility Solutions Corporation's Service Department at amo-service@amico.com or 1.877.462.6426. A valid Return Goods Authorization (RGA) number must be obtained from Amico Mobility Solutions Corporation prior to commencement of any service work. Warranty work which has not been per-authorized by Amico Mobility will not be reimbursed.

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http://www.unity-healthcare.com/

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