

Installation and Operation Instructions

GoLift Patient Lift (400 lbs & 700 lbs)



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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. 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. The GoLift 1000 combines two GoLift systems to accommodate bariatric patients up to the maximum 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 (181 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
	MET	Certified by MET
	IEC 60417-5840	Type B Applied Part
	CE	Certification of Conformity
	ISO 7010-M002	Refer to instruction manual/booklet
	Amico Mobility	Emergency Lowering
	Amico Mobility	Emergency Stop

 **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



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Germany

Safety Instructions



IMPORTANT: 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 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 the Inspection and Maintenance section 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 life in accordance with local law regulations.



NOTE: 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

GoLift400

Single Lift
GO-LIFT-400

Lift Up to
400 lbs / 181 kg

GoLift700

Single Lift
GO-LIFT-700

Lift Up to
700 lbs / 318 kg

GoLift1000

Tandem Lifts
GO-LIFT-1000

Lift Up to
1000 lbs / 454 kg



Maximum Lifting Speed

No load:	2 inches/second
GoLift400:	1.2 inch/second
GoLift700:	1.2 inch/second
GoLift1000:	1.3 inch/second

Unit Weight

GoLift400:	10 lbs (4.5 kg)
GoLift700:	10 lbs (4.5 kg)
GoLift1000:	20 lbs (9 kg) (Tandem Lifts)

Safe Working Load (SWL)*

GoLift400:	400 lbs (181 kg)
GoLift700:	700 lbs (318 kg)
GoLift1000:	1000 lbs (454 kg)

*The maximum safe working load can be adjusted to a lower limit based on customer request.

Dimensions

GoLift400 / GoLift700:	
• Length:	7.75" (196.8 mm)
• Width:	7.75" (196.8 mm)
• Height:	4.25" (107.9 mm)
• Strap Length:	84" (2133.6 mm)

GoLift1000:	
• Length:	15.5" (393.7 mm)
• Width:	7.75" (196.8 mm)
• Height:	4.25" (107.9 mm)
• Strap Length:	84" (2133.6 mm)

Number of Lifts per Charge (Duty: 10/90)

25% of Strap at Midrange¹:

- 375 with 185 lbs (84 kg)
- 170 with 400 lbs (181 kg)
- 102 with 700 lbs (318 kg)
- 140 with 1000 lbs (454 kg)

Charging Time: 2-4 hours

¹Calculated using 5Ah Packs

Lift Case

Flame Retardant ABS

Batteries

High Capacity, Nickel Metal Hydride (NiMH)

Standard: 2x 14.4V (3.3Ah)

Optional: 2x 14.4V (5Ah)

Battery Charger:

Input: 100-240V AC

Output: 36V DC, 1.0A, 40W

Hand Control

Protection Class: IPX4

Maximum Sound Level

<55 dB

Expected Service Life

10 years or 22,500 cycles

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

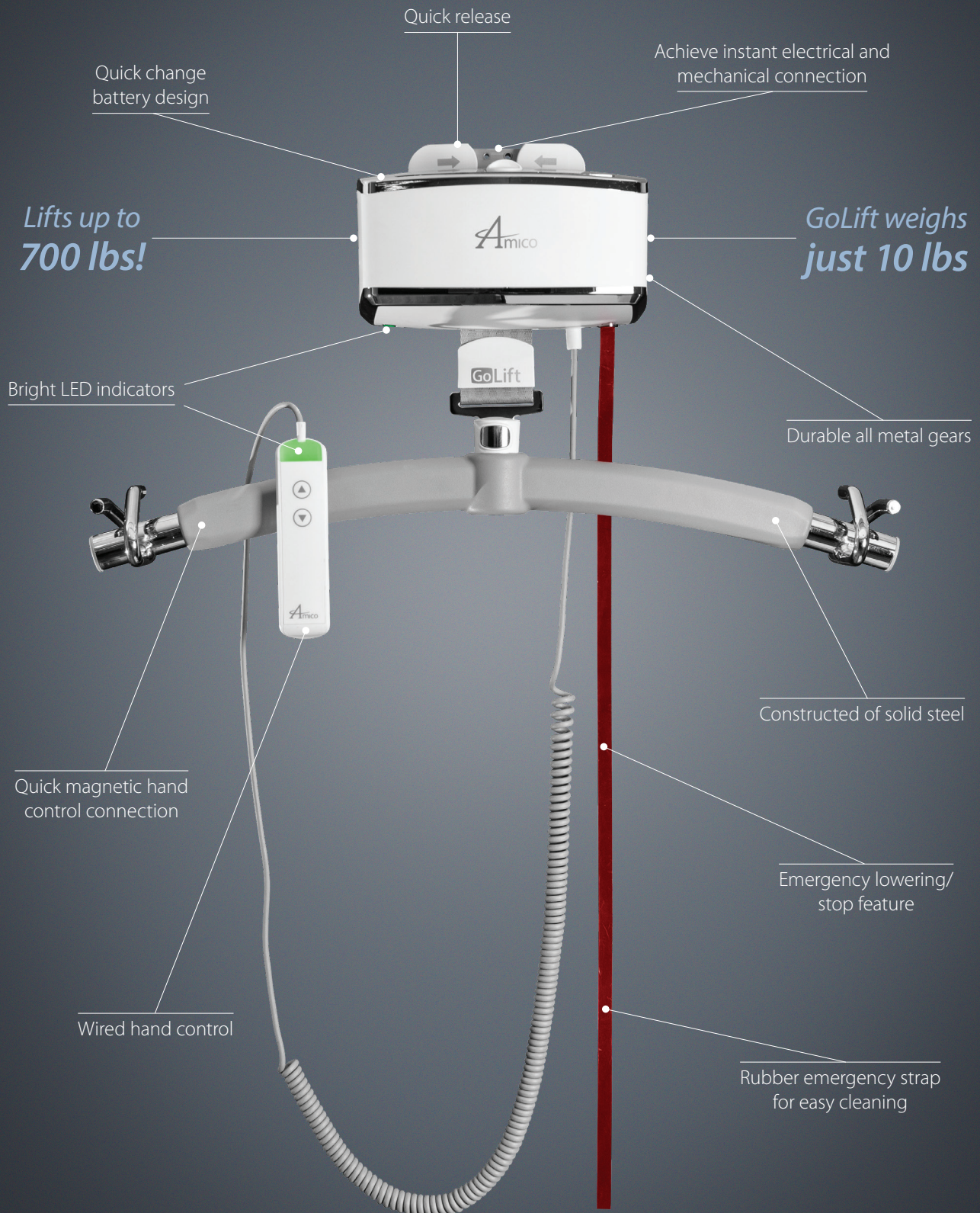
Certified to:	CAN/CSA-C22.2 No 60601-1:08, UL 60601-1:08
Tested to:	ISO 10535-06, CE



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Anatomy of the GoLift



Technical Specifications for Power Traverse

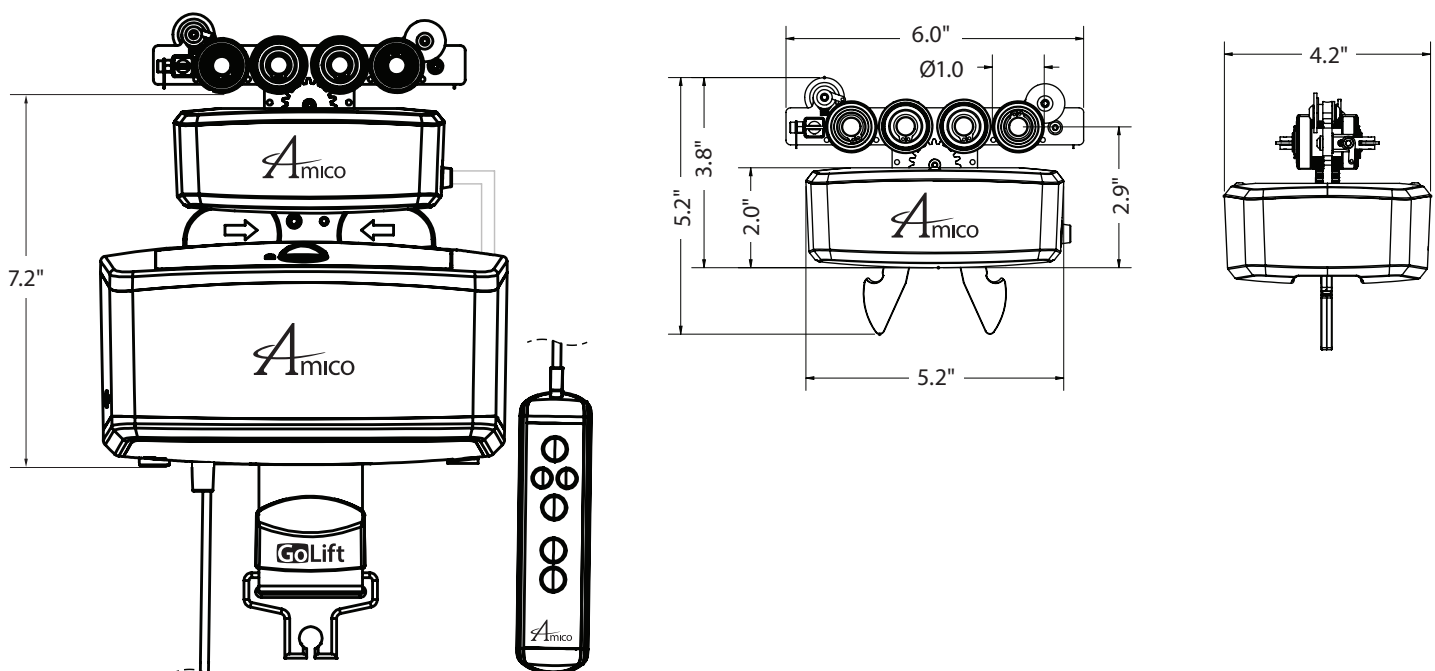
The power traverse module is a motorized trolley that works with the GoLift in order to drive a patient within an Amico track system with the press of a button. The power traverse is compatible with all models of the GoLifts. The power traverse trolley has a cable that plugs into the GoLift in order to draw power from the GoLift battery. The GoLift batteries power the motors within the trolley in order to move the assembly laterally within the track. When the power traverse is parked in a charging area on the track and is not in use, it transfers charge from the track to the lift in order to charge the batteries. The power traverse also transfers power from the lift batteries back into the track through the horizontal contacts in order to power the powered turn table and powered gantry options.

FOUR MODELS

GO-LIFT-QR-TRLY-PT-ASSY:	700 lbs
GO-LIFT-QR-TRLY-PT-1000-ASSY:	1000 lbs
GO-LIFT-QR-TRLY-PTT-ASSY:	700 lbs (power turn table compatible, manual traverse)
GO-LIFT-QR-TRLY-PTT-1000-ASSY:	1000 lbs (power turn table compatible, manual traverse)

- Maximum traverse speed: 3.64"/s
- Soft start & soft stop: Accelerates and decelerates to minimize patient swing
- Designed for continuous operation
- Transfer power from the lift up to the power turn table & power gantries if available
- Annual maintenance: reapply grease to the motor gears
- Weight: 3 lbs
- Compatible with any Amico track
- Return home function is available to automatically move the lift back to end stop position

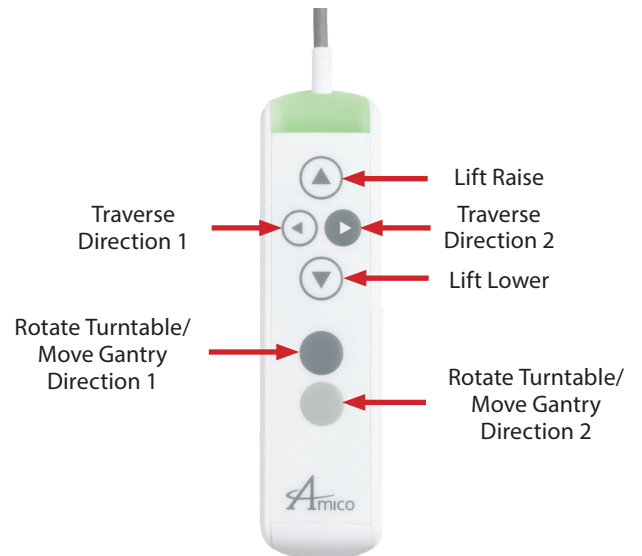
DIMENSIONS OF THE POWER TRAVERSE



Technical Specifications for Power Traverse

HOW TO OPERATE

All functions are operated through the lift hand control. If power turn table or power gantry is not available, the lift will still register the button, but nothing will happen.



HOW TO CONNECT TO THE LIFT

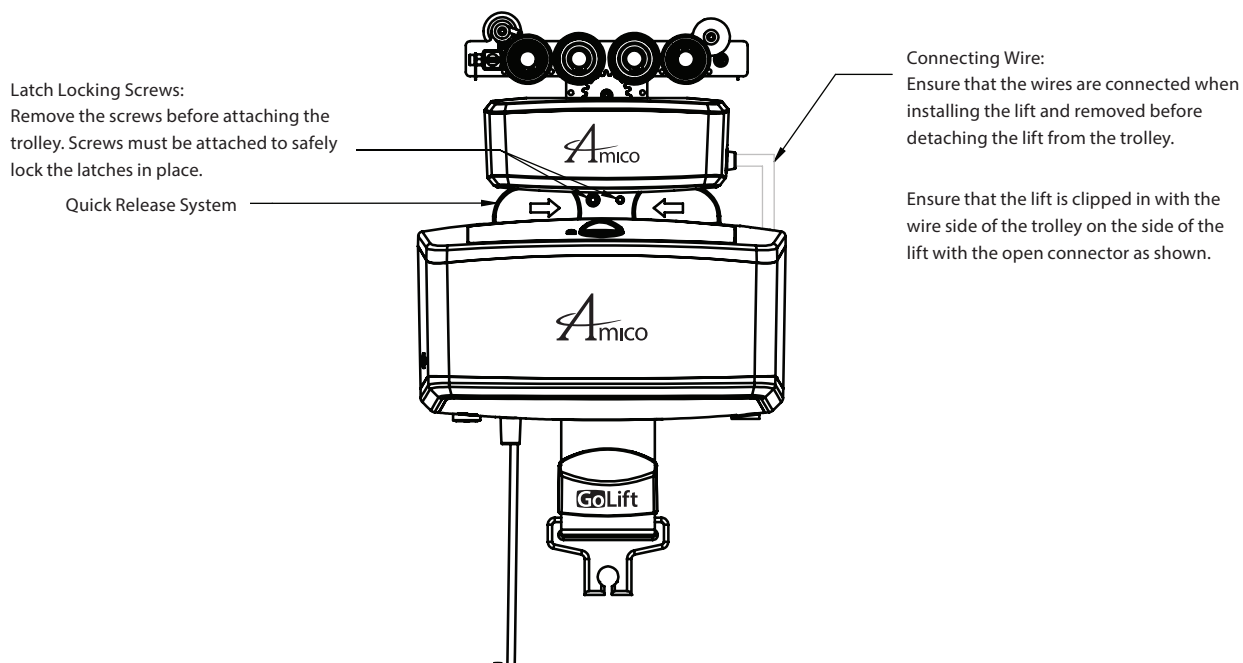
The two locking screws must be inserted into the top of the lift for additional security against tampering. The trolley cannot be detached or attached when the screws are in place.

To attach or remove the lift, remove the weight of the lift and squeeze the two buttons located on the top. This will release the lift from the trolley latches if it is quick release.



Latch Locking Screws: Remove the screws before attaching the Trolley. Screws must be attached to safely lock the latches in place.

Connecting Wire: Ensure that the wire is connected when installing the lift and removed before detaching the lift from the Trolley. Ensure that the lift is clipped in with the wire side of the Trolley on the side of the lift with the open connection as shown.



Technical Specifications for Power Turntable

The Amico 4 Port Turntable is suitable for installations where junctions are required in a track or when a track turn is required that a standard curved sections cannot achieve. The Turntable provides ultimate flexibility in lift and transfer situations that demand a wide range of locations, or require specialized options.

The four (4) exits of the Turntable allow multiple configuration options for the system designer and gives the user more options for the installation. An adaptation that is being planned can be designed around the angles of the turntable. For example, a turntable in a bathroom could be positioned so as to allow transfer between chair, bath, wheelchair, shower area and/or changing stretcher.



PART NUMBER

TRK-TRN-TBL-M-4-PT

The power turntable is a motorized turntable that works with the GoLift to rotate a patient between tracks. The power turntable uses GoLift batteries to power a motor located in the side of the turntable in order to rotate the track.

- Maximum capacity: 1000 lbs
- Turning Angle: 90° with maximum turn limit detection
- Adjustable tension wheel
- Up to four (4) directions. Minimum three (3) directions
- Compatible with the regular Amico track with built in track brackets
- Operates at 36V DC (Power supplied from the GoLift)

TROLLEYS

- GO-LIFT-QR-TRLY-PTT-ASSY
- GO-LIFT-QR-TRLY-PTT-1000-ASSY
- Must be used with a power turntable compatible trolley
- No maintenance required
- Magnetic mounted access panel for servicing if required
- 10 year service life

HOW TO OPERATE

All functions are operated through the lift hand control. If the track option is not available, the lift will still register the button, but nothing will happen.



Basics in Transferring a Patient

LIFTING SLING

A lifting sling with four to six straps designed for mounting on hooks should be used with the Amico GoLift.

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).

CAUTION: Be careful when attaching the lifting sling on the hooks. Check that the straps have gone 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 hooks.

- When lifting a patient from e.g. a wheelchair, move the Amico GoLift towards the patient to be lifted.
- The lifting hooks should be at the same height as the patient's chest.
- Place the lifting hooks parallel to the patient's shoulders.
- Place the lifting sling behind the patient's back between the back of the chair and the patient's back.
- The center band of the lifting sling should follow the patient'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 patient.
- All four lifting straps are now ready to be attached. The lifting sling can now be mounted onto the carry bar hooks.



Basics in Transferring a Patient

LIFTING TO AND FROM LYING POSITION IN BED

- Sling 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.



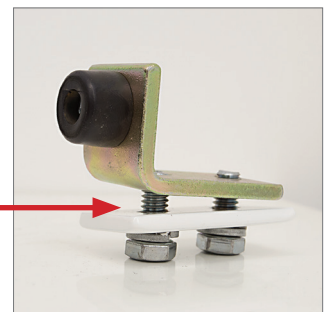
⚠ IMPORTANT: Plan the move and avoid leaving the patient in the sling unattended. Before lifting, check that the patient is completely free of his/her surroundings. The patient's head, arms, hands and feet must not be in danger or becoming trapped. Be careful with any tubes and wires that are attached 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.

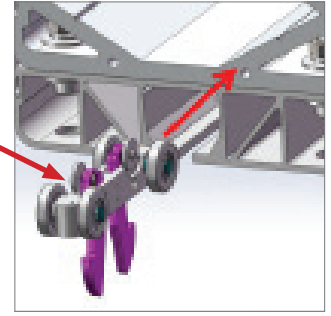
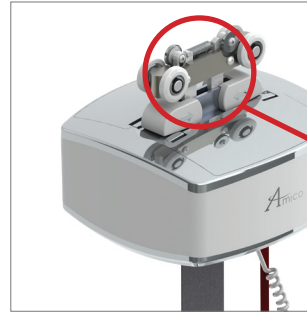


2. By using an adjustable wrench, remove the end stopper on the PLP track by loosening the bolts.



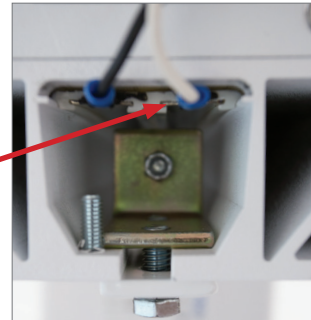
Installing the GoLift in the Amico PLP Track

1. 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.



2. 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



3. 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.
4. 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.

5. Two locking screws must be inserted into the lift for additional security against tampering. A trolley cannot be detached or attached when the screws are in place. Simply remove them to free the lift from the trolley.

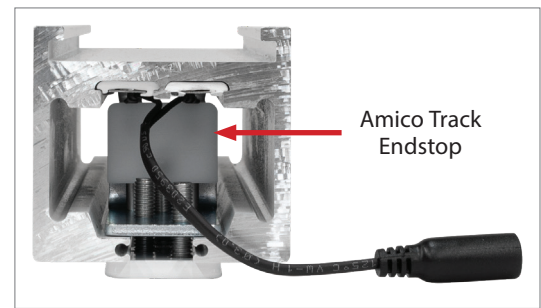
LIFT ATTACHMENT/DETACHMENT

To detach the lift from the trolley, first support the weight of the lift before squeezing the two buttons located on the top, then release the lift from the trolley latches (only applies to quick release models).



Installing the Endstop on the Amico Track

1. Use a 4mm Hex Socket Torque wrench, set to 90 in-lbs to secure the endstop to the track.



Connecting the Carry Bar to the Lift Strap

1. Hold the carry bar below the strap hook as shown. Press the button with your thumb as shown.
2. Insert the strap hook into the slot on top of the carry bar 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

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



WARNING: Do not place the hand control within 6" 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. To operate the lift, press and hold the UP or DOWN button on the hand control to raise or lower the strap.

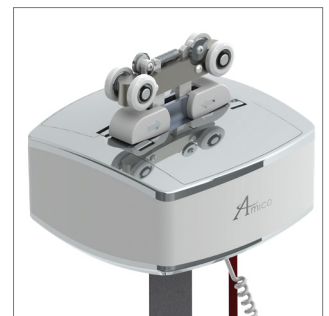


Charging the GoLift

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.

WARNING: Do not drain the batteries excessively. This will dramatically reduce the lifespan of the batteries. If the battery level is critically low (see LED and Buzzer Functions section), be sure to recharge the battery as soon as possible.

CAUTION: Charge the lift batteries to full and unplug them before storing. Plug in and recharge the batteries every three months if the lift is being stored for extended periods of time.

LED and Buzzer Functions

LED INDICATORS



Green



Amber



Red

WAKING UP A LIFT AFTER CHARGING

When waking the lift from the sleep state, there will be a sequence of **three LED statuses** before the lift goes back to sleep. The LED color indications will differ slightly between waking the lift while charging and while not charging. See the table below for details.

LED Status' while Lift is Charging		
	LED Color	Duration
Wake	GREEN	4 secs
Charging indicator	AMBER	4 secs
In use/idle	GREEN (at full charge)	3 mins
	AMBER (low battery level)	
Sleep (if inactive)	Off	N/A

Status 1:

Will always show green when the lift wakes up for four seconds.

Status 2:

Will be amber for four seconds to confirm that it is currently charging.

- If the light remains green, this means the lift is on battery power and not being charged.

Status 3:

Shows the current battery level.

- For a lift on charge, the light will change from amber to green after four seconds to indicate lift is at full charge. Otherwise, the amber light will remain for three minutes after inactivity before the lift goes back to sleep.
- For a lift on battery power, the light will remain green for one minute if the battery level is acceptable. If battery level is low, the LED will change from green to amber after nine seconds and blink amber once per second. If battery level is critical, the LED will change from green to solid red after nine seconds, beeping once every three seconds. These states will remain until the lift goes back to a sleep state after one minute of inactivity.

LED Status' while Lift is on Battery Power			
	LED Color	LED Duration	Beeping
Wake	GREEN	10 secs	None
In use/idle	Continuous solid GREEN (at full charge)	1 min	None
	Blinking AMBER 1x/s (low battery level)		None
	Continuous solid RED (critical battery level)		1x/3s
Sleep (if inactive)	Off	N/A	N/A

LED and Buzzer Functions


OTHER ERROR CODES

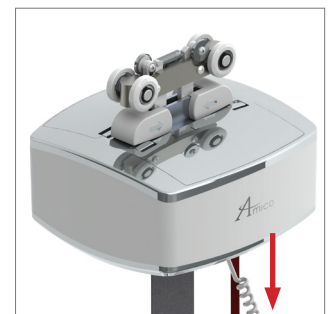
Error Codes	
Latch error	Blinking red 1x/s, continuous beep
Battery not plugged in/No temperature sensor detected	Blinking red (3x/s, 1s off), beeping 1x/5s
Over capacity	Blinking red (2x/s), continuous beep
Charging error: Battery over temperature/Sensor Error	Blinking red (2x/s), beeping 1x/5s
Brake end of life	Blinking red (4x/s, 1s off), beeping 1x/5s
Maintenance alarm	Blinking green (2x/s)

Maintenance alarm:
After 1,001 lifts, the LED will flash green. To reset, press buttons in the following sequence: Up, Down, Up, Down, then hold both buttons for 10 seconds. If successful, the LED turns red, green and amber. The buzzer will beep three times.
NOTE: 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.


 **WARNING:** 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.

 **WARNING:** In an event of the normal lowering system of the lift malfunctioning, the lift must be inspected by a qualified lift technician to confirm resolution of the issue before re-use.

Manual Emergency Lowering

The manual emergency lowering and raising feature should only be used if all other controls fail. 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 a 3/32" 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.



Overspeed Cam

The Overspeed Cam brake is made of a metal bar fixed to the drum. In case 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.



CAUTION: 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

- CaviWipes
- Clorox Healthcare Professional Disinfecting Bleach Wipes
- Dispatch Hospital Cleaner Disinfectant Towels with Bleach
- Oxivir Tb Disinfectant Wipes
- Sani-Cloth Super Germicidal Disposable Wipes
- tb Minuteman NEX GEN
- Viroidin-X
- Virox-5
- Virox Accel Tb

Quick Set Up

QUICK SET UP GUIDE

Please ensure that the following steps are performed during the installation/setup of the lift.

1. Open the battery compartments and plug in the batteries. Match up the black to black and red to red labels.
2. Press in the emergency stop button (lift will not function otherwise).
3. Check that the following lift functions are operational:
 - a. Up (Note: that the trolley must be clipped in to move the strap up).
 - b. Down (Note: there must be tension on the strap for the strap to move down).
 - c. Emergency stop (Note: pull down on the red cord - this cuts all power to the lift).
 - d. Emergency lower (Note: pull down and hold the red cord).
 - e. Charging (Note: see the LED color chart).
4. Check if the track system is set up for continuous charge or end stop charging and ensure that the users are aware of how the lift charges.
 - a. Ensure that the lift goes back to the charging station at the end of the day.



WARNINGS:

Do not let the batteries fully drain, this will damage them. Ensure that the lift goes back on charge at the end of each day.

Charge the batteries to full and unplug them before storing.

If the lift is being stored for extended periods of time ensure to plug in and recharge the batteries every three months.

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.

NOTE: Solutions refer to steps in the Quick Set Up Guide (Page 20).

Issue	Solution	Alternate Solution
The lift is completely unresponsive.	1. Check steps 1 and 2.	
	2. If that does not fix the issue, it is likely that the batteries are completely drained due to improper storage or charging was not set up on install. New batteries will need to be ordered.	
The lift is not charging.	1. Check steps 1, 2 and 4.	
	2. Using a multimeter, follow the charge path up the chain.	Remove the lift, check that there is 36V DC between the two trolley latches.
		Remove the end cap cover (press fitted on the end of the track). <ul style="list-style-type: none"> Check the connection between the end stop and the charge strips: Premium end stop: check that the wires are properly attached to the end stop, the voltage can be checked between the two metal strips housed in the top of the track. Regular end stop: Check the voltage between the contact terminals mounted on the end cap.
	3. Check that the barrel plug is connected to the power supply wire.	
	4. Check that the green light is lit on the charger and that it is plugged in.	
The lift will not raise.	1. Check that the batteries are charged.	If the circuit board ever reads low battery or if the batteries were changed while the charger is plugged in, put the lift on the charger for 20 minutes without touching any buttons. Note: It does not matter if the new batteries are full, the lift needs 20 minutes on charge to clear the low battery code and lift again.
	2. Check that the trolley is clipped into the lift properly.	
The lift will not go down.	Make sure that there is tension on the strap when pressing the down button.	
The lift only does a few lifts before showing dead battery after charging 4+ hours.	Replace the batteries as they may be at the end of their service life or have been drained excessively.	

AMICO SERVICE REQUEST FORM

For any issues not resolved, please take a video of the issue and send to: AMO-Service@amico.com.

Details to Include:

Serial Number: _____

Rough Service Life of the Lift: _____

Error Code (see chart above): _____

Brief Summary of how the issue occurred/what has been tried:

Labeling the Tracks

All of the lifts come with two track maximum capacity labels inside the box.



Example Track Label (XXXX = 400/450/700/1000)

Before installing the lift in the track system, verify the maximum capacity of the room and the certifying load test. Walk around the room and find a spot on either side of the track where the label would be visible. Wipe down the surface of the track where the label is to be attached using one of the recommended cleaning agents (see Cleaning and Disinfection section). Allow the track to dry before peeling the label from the backing and attaching to either side of the track. With a permanent writing material, fill in the date that the track was certified using a permanent marker.



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			
Inspect the lift strap for fray or wear along its entire length.	•		
Ensure Batteries are charged.	•		
GoLift Trolley			
Ensure that end stops are installed at both ends of the track.	•		
Inspect the wheels in the trolley. Replace if damaged.			•
Carry Bar			
Inspect the Carry Bar for any damage or sharp edges. Check for gaps in the swivel pin area.	•		
Sling			
The sling straps connecting to the lift's carry bar show no signs of fraying or wearing.	•		
Inspect the sling fabric for any damage in the fabric.		•	
Ensure there are no loose threads in the stitching.	•		
Maintenance by a certified technician			
Fully unloop the strap and inspect it for any fraying or damage.			•
Check the upper and lower limit switch by pressing the up and down buttons to ensure the lift stops automatically at the top and bottom of the strap.			•
*Annual load test with 100% of lift load capacity.			•
Inspect the gearbox for any unusual noises.			•
Inspect the gears for any broken or worn teeth.			•
**Reapply grease to the gears			•
*** Verify the overspeed cam is operating freely			•
Inspect the carry bar for any signs of damage or sharp edges that could potentially damage the sling.			•
Ensure the hand control functions as intended.			•
*** Check emergency lowering and stop cord			•
Ensure the end stops are installed.			•
Ensure the LED turns amber when the lift is in charge.			•

* 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.

** Re-apply grease to the gears using the Amico certified grease. Can be bought from Amico.

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



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

GoLift Slings

	Slings	Materials	S	M	L	XL
 Go Basic		Polyester (With Head Support)	SLG-GO-BASIC-WV-HS-S Height: 29" (73.6 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	SLG-GO-BASIC-WV-HS-M Height: 30" (76.2 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	SLG-GO-BASIC-WV-HS-L Height: 31" (78.7 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	SLG-GO-BASIC-WV-HS-XL Height: 32" (81.2 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
		Mesh (With Head Support)	SLG-GO-BASIC-MSH-HS-S Height: 29" (73.6 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	SLG-GO-BASIC-MSH-HS-M Height: 30" (76.2 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	SLG-GO-BASIC-MSH-HS-L Height: 31" (78.7 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	SLG-GO-BASIC-MSH-HS-XL Height: 32" (81.2 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
		Polyester (No Head Support)	SLG-GO-BASIC-WV-S Height: 21" (53.3 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	SLG-GO-BASIC-WV-M Height: 22" (55.9 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	SLG-GO-BASIC-WV-L Height: 23" (58.4 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	SLG-GO-BASIC-WV-XL Height: 24" (31 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
		Mesh (No Head Support)	SLG-GO-BASIC-MSH-S Height: 21" (53.3 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	SLG-GO-BASIC-MSH-M Height: 22" (55.9 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	SLG-GO-BASIC-MSH-L Height: 23" (58.4 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	SLG-GO-BASIC-MSH-XL Height: 24" (31 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
 Go Long		Polyester	SLG-GO-LONG-WV-42X78 42" x 78" (106.6 cm x 198.1 cm)		SLG-GO-LONG-WV-56X78 56" x 78" (142.2 cm x 198.1 cm)	
		Mesh	SLG-GO-LONG-MSH-42X78 42" x 78" (106.6 cm x 198.1 cm)		SLG-GO-LONG-MSH-56X78 56" x 78" (142.2 cm x 198.1 cm)	
 Go Hygiene		Polyester	SLG-GO-HYGIENE-WV-S Chest: 32" (81.2 cm)	SLG-GO-HYGIENE-WV-M Chest: 36" (91.4 cm)	SLG-GO-HYGIENE-WV-L Chest: 40" (101.6 cm)	SLG-GO-HYGIENE-WV-XL Chest: 44" (111.7 cm)
 Go Comfort		Polyester	SLG-GO-COMFORT-WV-S Height: 23" (58.4 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	SLG-GO-COMFORT-WV-M Height: 24" (60.9 cm) Shoulder: 26" (66 cm) Hip: 22" (55.9 cm)	SLG-GO-COMFORT-WV-L Height: 25" (63.5 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	SLG-GO-COMFORT-WV-XL Height: 26" (66 cm) Shoulder: 30" (76.2 cm) Hip: 26" (66 cm)
 Go Active		Polyester	SLG-GO-ACTIVE-S Chest: 40" (101.6 cm)	SLG-GO-ACTIVE-M Chest: 44" (111.7 cm)	SLG-GO-ACTIVE-L Chest: 48" (121.9 cm)	SLG-GO-ACTIVE-XL Chest: 52" (132 cm)
 Go Reposition		Polyester	SLG-GO-RPS-KIT 20" x 75" (51 cm x 190.5 cm)			
 Go Limb		Polyester	SLG-GO-LIMB 15" x 7" (38.1 cm x 17.8 cm)			
 Go Turn		Polyester	SLG-GO-TURN Width: 22" (55.9 cm)			
 Go Amputee		Polyester	SLG-DSP-AMPSPU-S Height: 28" (71.1 cm) Hip: 15" (38.1 cm)	SLG-DSP-AMPSPU-M Height: 33" (83.8 cm) Hip: 18" (45.7 cm)	SLG-DSP-AMPSPU-L Height: 38" (96.5 cm) Hip: 22" (55.9 cm)	SLG-DSP-AMPSPU-XL Height: 43" (109.2 cm) Hip: 26" (66 cm)
 Go Walk		Polyester	SLG-DSP-WALKSPU-S Hip: 15" (38.1 cm)	SLG-DSP-WALKSPU-M Hip: 18" (45.7 cm)	SLG-DSP-WALKSPU-L Hip: 22" (55.9 cm)	SLG-DSP-WALKSPU-XL Hip: 26" (66 cm)

GoLift Slings

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

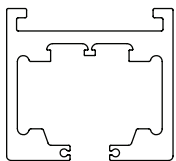
GOTRACK CONFIGURATIONS

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

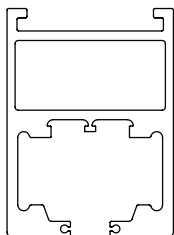
- Straight Track
- Curved Systems
- Full Room Coverage (X/Y or H Systems)
- Optional recessed, flush mount track systems

All GoTrack Systems feature:

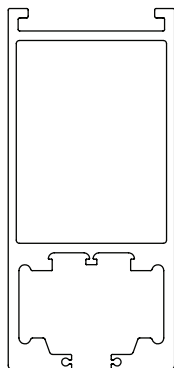
- Low weight and high capacity
- Fast and flexible installation
- Hidden End Stops for safety
- Anywhere charge



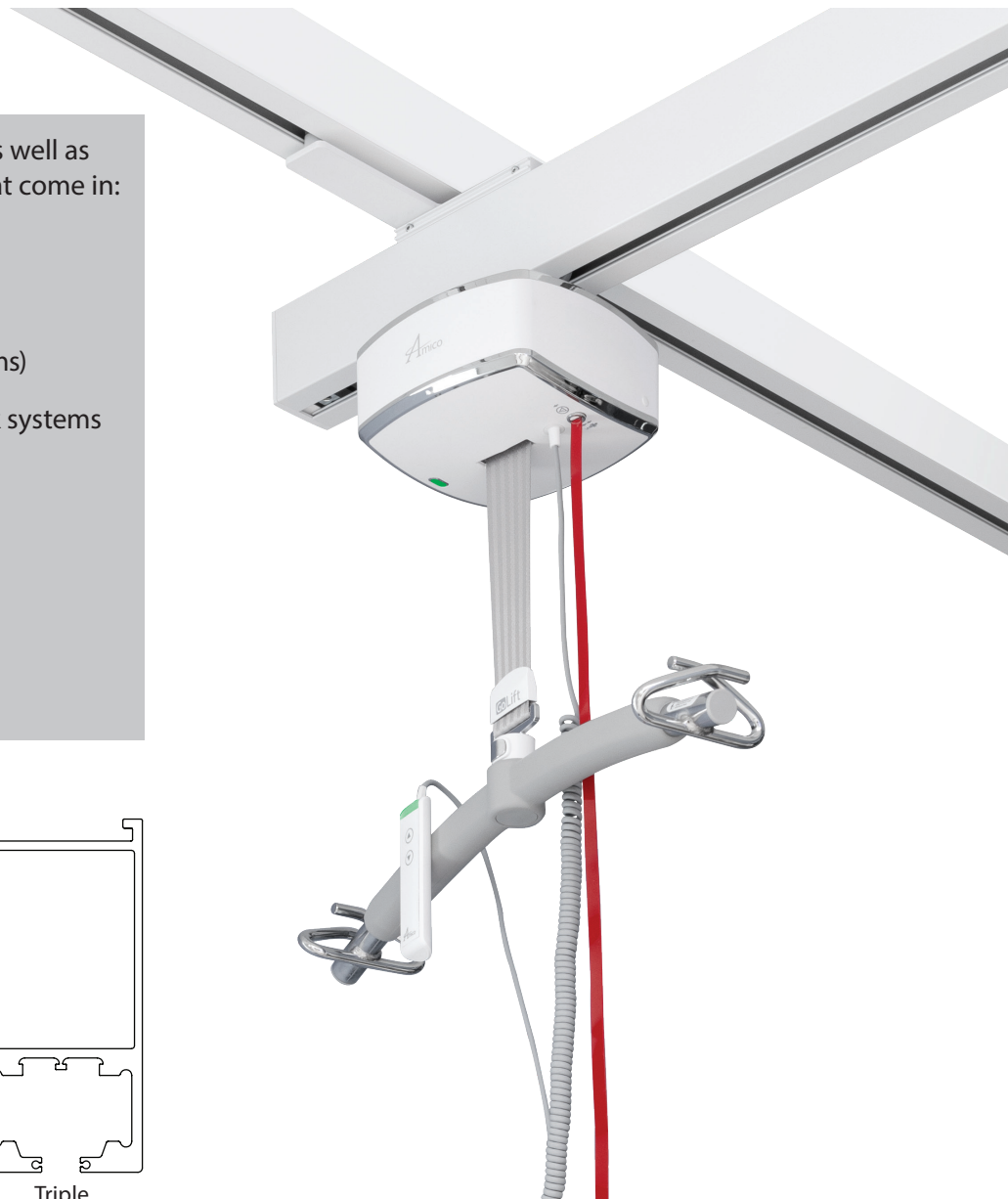
Regular



Double



Triple



GoTrack Systems and Support Structure

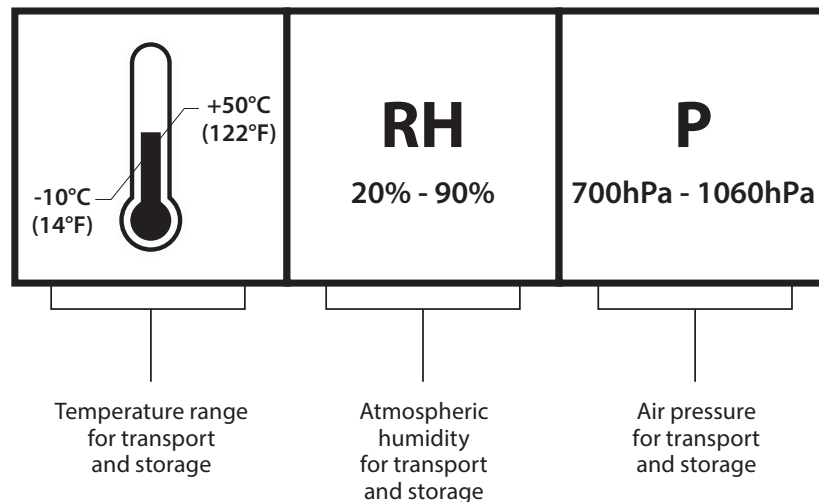
Description	Part Number	Length x Width x Height	Product Weight	Material
Regular	TRK-REG-100	100" x 2.63" x 2.36" 2540 mm x 67 mm x 60 mm	21 lbs 9.5 kg	White powder coated extruded aluminum
	TRK-REG-120	120" x 2.63" x 2.36" 3050 mm x 67 mm x 60 mm	25 lbs 11.3 kg	
	TRK-REG-180	180" x 2.63" x 2.36" 4570 mm x 67 mm x 60 mm	38 lbs 17.2 kg	
	TRK-REG-240	240" x 2.63" x 2.36" 6100 mm x 67 mm x 60 mm	51 lbs 23.1 kg	
Double	TRK-DBL-100	100" x 2.63" x 3.55" 2540 mm x 67 mm x 90 mm	26 lbs 11.8 kg	
	TRK-DBL-120	120" x 2.63" x 3.55" 3050 mm x 67 mm x 90 mm	32 lbs 14.5 kg	
	TRK-DBL-180	180" x 2.63" x 3.55" 4570 mm x 67 mm x 90 mm	48 lbs 21.8 kg	
Triple	TRK-TRP-120	120" x 2.63" x 5.75" 3050 mm x 67 mm x 146 mm	38 lbs 17.2 kg	
	TRK-TRP-156	156" x 2.63" x 5.75" 3960 mm x 67 mm x 146 mm	49 lbs 22.2 kg	
	TRK-TRP-180	180" x 2.63" x 5.75" 4570 mm x 67 mm x 146 mm	57 lbs 25.9 kg	
	TRK-TRP-240	240" x 2.63" x 5.75" 6100 mm x 67 mm x 146 mm	76 lbs 34.5 kg	
	TRK-TRP-315	315" x 2.63" x 5.75" 8000 mm x 67 mm x 146 mm	100 lbs 45.4 kg	

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

Environmental Conditions

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			
<p>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.</p>			
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.
<p>NOTE: U_T is the a.c. mains voltage prior to application of the test level.</p>			

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
$\sqrt{\text{Conducted RF}}$ IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	<p>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.</p> <p>Recommended separation distance</p> $d = 1.2 \sqrt{P}$ $d = 1.2 \sqrt{P} \text{ 80 MHz to 800 MHz}$ $d = 2.3 \sqrt{P} \text{ 800 MHz to 2,5 GHz}$ <p>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</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 
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
<p>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.</p> <p>NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.</p> <p>NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			

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 fulfill 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 one (1) year from the date of shipment. This includes tracks, lift motor, carry bar and accessories. The Amico slings have a warranty of one (1) year.

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 shipment; the warranty for power supply is one (1) year from the time of shipment.

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.

The manufacturer's warranty is void if persons unauthorized by Amico Mobility Solutions Corporation perform work on the GoLift Patient Lift or the GoLift Portable450 lift systems. Specifically, only an individual trained by Amico Mobility Solutions Corporation is to perform service to the equipment. Warranty coverage does not include incorrect performance due to unauthorized service.

Amico Mobility Solutions Corporation under the terms of this guarantee shall be limited to the servicing of defective parts and 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 through Amico's direct lines: 905-747-2032 or 1-833-843-8470. 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 pre-authorized by Amico Mobility will not be reimbursed.



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