



HFL-400-FTS (Floor-to-Stand) USER'S MANUAL

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HFL-400-FTS User's Manual

NOTICE

Please read this entire manual *before* using the product and retain for future reference. User's should also view the "IndeeLift HFL 300/400 Training Video", available on IndeeLift's YouTube channel.

TABLE OF CONTENTS

Contents

Safety Symbols	3
Introduction:	3
Overview:	4
HFL-FTS Features/Functionality:	5
HFL-400-FTS Component Identification:	6
Wired Remote.....	7
Rise-Assist Handles	7
Preparing the HFL-400-FTS for Use:.....	8
Unpacking the HFL-400-FTS:.....	8
Charging the Battery:	9
Operation:	10
Functional Overview	10
General FTS Operation:.....	11
Floor to Stand	12
Floor to Transfer	12
Transfer to Stand	13
Standing Function	14
Assisted Operation – Mount Assist Procedure:	15
Assisted Operation – Wheelchair Transfer:.....	16
Securement Belt Information:	17
Using the Belt Assemblies.....	17
Maintenance:	18
Troubleshooting / Service:.....	18
Contact IndeeLift Customer Care toll-free at 844-700-LIFT (5438)	18
Warranty Information:.....	19
Physical Specifications:	20
Electrical Specifications:	20
Owner's Notes:	21

IndeeLift – the first Human Floor Lift Designed and engineered to alleviate the grief, hazards and hassles of recovering from a fall!

HFL-400-FTS User's Manual

THIS PRODUCT MAY CONTAIN THE POSSIBILITY FOR CERTAIN HAZARDS IF NOT USED IN THE CORRECT MANNER. EVERY OPERATOR IS RESPONSIBLE FOR READING AND UNDERSTANDING ALL OF THE OPERATIONAL AND SAFETY PRECAUTIONS AVAILABLE FOR THIS PRODUCT.

Safety Symbols



Will result in Death or Serious Injury



Could result in Death or Serious Injury



Could result in Minor or Serious Injury



Not related to Personal Injury

Introduction:

IndeeLift's patented line of Human Floor Lifts (HFLs) is a type of human lifts unlike any other available. This family of products has been designed to assist individuals who have fallen to the floor and are unable to get up without assistance. The rugged and reliable IndeeLift HFLs are purpose-built appliances built in the USA with UL and CE certified components and are available in consumer/small business, professional-healthcare and emergency-medical-services models.

The HFL-400-FTS (Floor-to-Stand) is a Human Floor Lift designed for self or assisted operation in the home or business. This appliance can lift a person up to 400 pounds (181kg) from the floor or a seated height to a standing position without risk of injury to the fallen or anyone assisting them.

The HFL-FTS lift can be used to lift a person from the floor, wheelchair, commode, couch, or any other place a user may be seated and need assistance to get to a standing position. HFL-FTS lifts are also configured to raise the user from a standing position at the floor to assist in getting onto a bed or gaining access to higher locations in the home without having to climb a stepladder, along with other places that a mobility challenged user may need to access.

As a fall recovery appliance, these HFLs are extremely maneuverable and their small footprint allows fall recovery to occur in even the tightest of places. The HFLs replace large and cumbersome sling-style lifts, helping fallen people to recover and get back on their feet quickly, while greatly reducing the risks.

HFL-400-FTS User's Manual

Overview:

This manual covers the HFL-400-FTS consumer model which is designed for use in the home and small businesses, (Assisted Living, Residential, Hospices). The HFL-400-FTS is engineered to accommodate persons weighing up to 400 pounds or 181kg. **This unit is referred to as the “FTS” throughout this manual.**

The FTS is operated with a wired remote control in a portable “roll-around” configuration. This state-of-the-art product was designed to easily lift mobility challenged individuals from the floor to a sitting or standing position and can be safely self-operated or operated with the assistance of a helper, without injury to the lifted person or any helper. The FTS safely lifts a person up to 30” from the floor to achieve a full standing position.

⚠️ WARNING Individuals that fall must be assessed for injuries that may require medical assistance. Use of this human floor lift after sustaining a serious injury resulting from a fall is discouraged to avoid what could result in Death or Serious Injury. Instead of using this lift if a serious injury is noted, phone 911 for medical assistance.

Self-Operation: After a fall, the fallen person scoots, crawls or rolls over to the FTS, slides or tilts up onto the mounting ramp seat, pushes a button on the wired remote activating the motor which raises them from the floor to any point that is comfortable for them to stand up. The FTS can be stopped at the height of an exercise bike or at the height of a chair/wheelchair for a safe transfer with the FTS doing all of the heavy lifting.

Assisted Operation: A helper/caregiver can easily wheel the FTS to the fallen person and assist them mounting the ramp seat, if necessary. The helper or the user then pushes the up button on the wired remote, activating the motor which raises the fallen person from the floor to a standing position or to a level that allows the user to transfer as required.

Once up from the floor, the fallen person can stop at chair height to take a breath and/or rest comfortably or simply get up and walk away or be directly transferred to a wheelchair, bed, toilet or recliner, all without the risk of injuries related to the fall recovery. If further assistance is required, the user can be lifted to a standing height allowing them to walk away without manual standing.

Standing Operation: The FTS provides users a method to be lifted while standing on a floor to a safe height 12-14 inches from the floor. This application can assist the user onto a bed that may be the perfect height to get up from but too tall for the user to negotiate or just a high shelf needing a few extra inches of height.

IndeeLift HFLs are covered by US and international patents including US 9,808,388 and EURO PAT 3151803

HFL-400-FTS User's Manual

CAUTION

This product contains moving parts where hands or feet could be injured if they are in an inappropriate location. Users and caregivers must be aware of everyone's body parts that could be trapped between the seat platform and the floor or between the seat platform and any obstruction located above the seat platform level, that when contacted, could cause Minor or Serious Injury.

HFL-FTS Features/Functionality:

Seated Lifts

The IndeeLift FTS is primarily designed to raise a seated person from the floor, or any level above the floor, to a height that allows the user to stand directly up or to be transferred as required.

For those who are able to walk away once they are on their feet, the FTS lifts the user to a seated level and then, as the lifting continues, the seat tilts forward allowing the transfer of the user's weight to their legs at a comfortable level as dictated by the height of the specific user. The FTS has been designed and tested to work with individuals of any height up to 6'4.

For users with less mobility, the transfer directly to a wheelchair or power chair is accomplished by raising the seat height to about 21" (53 cm), which allows a height difference of 1-2 inches (2.5-5cm) for lift-free transfers from most seated positions or whatever height will allow a gravity-assisted transfer.

Use as a Standing Lift

A secondary function of the FTS is to provide lift assistance to a standing person needing a little lift to access a bed or some tall cabinets or the shelf in the closet at home or the office.

The FTS provides users a method to be lifted while standing, to a safe level 12-14 inches from the floor. This application can assist the user onto a bed that may be the perfect height to get up from but too tall for the user get up onto. This function can also assist where single or dual step level changes may need to be overcome in the home or office.

Small Footprint and Easy Portability

The FTS is a portable lift that is rolled around on wheels like a traditional dolly. The small footprint allows it to be positioned in many places other lifts simply cannot go. With a turning radius of 34" (86 cm), the FTS can go just about anywhere including most small bathrooms and hallways.

Mounting Ramp Seat-Tilt

The FTS patented design includes a mounting ramp seat that eliminates the need to ever "lift" a person manually and a tracking function that allows the seat to shift forward as the user is lifted and shifting their weight onto their legs. A user on the floor either scoots onto the lift using the front ramp or they can tilt up onto the seat. The FTS seat plate can either be locked in a stationary position or unlocked to allow the seat plate to rotate forward to allow a user to get to a standing position. Two locking tabs are located at the rear of the seat plate, one on each side of the main vertical column.

Wired Remote

The wired remote has a 5' (1.5m) retractable cord, allowing the user or a helper to operate the lift. The wired remote has physical, easy-operate button controls that indicate the up and down functionality. The wired remote is stored on the FTS's handles with the hanger clip.

HFL-400-FTS User's Manual

Adjustable and/or Removable Rise-Assist Handles

The rise-assist handles have been engineered to provide leverage for the seated party to assist in the process of standing once they are up from the floor. The arms can swing away from the seat when needed. They are also removable to allow for mount assistance or a direct transfer to a wheelchair or other destination.

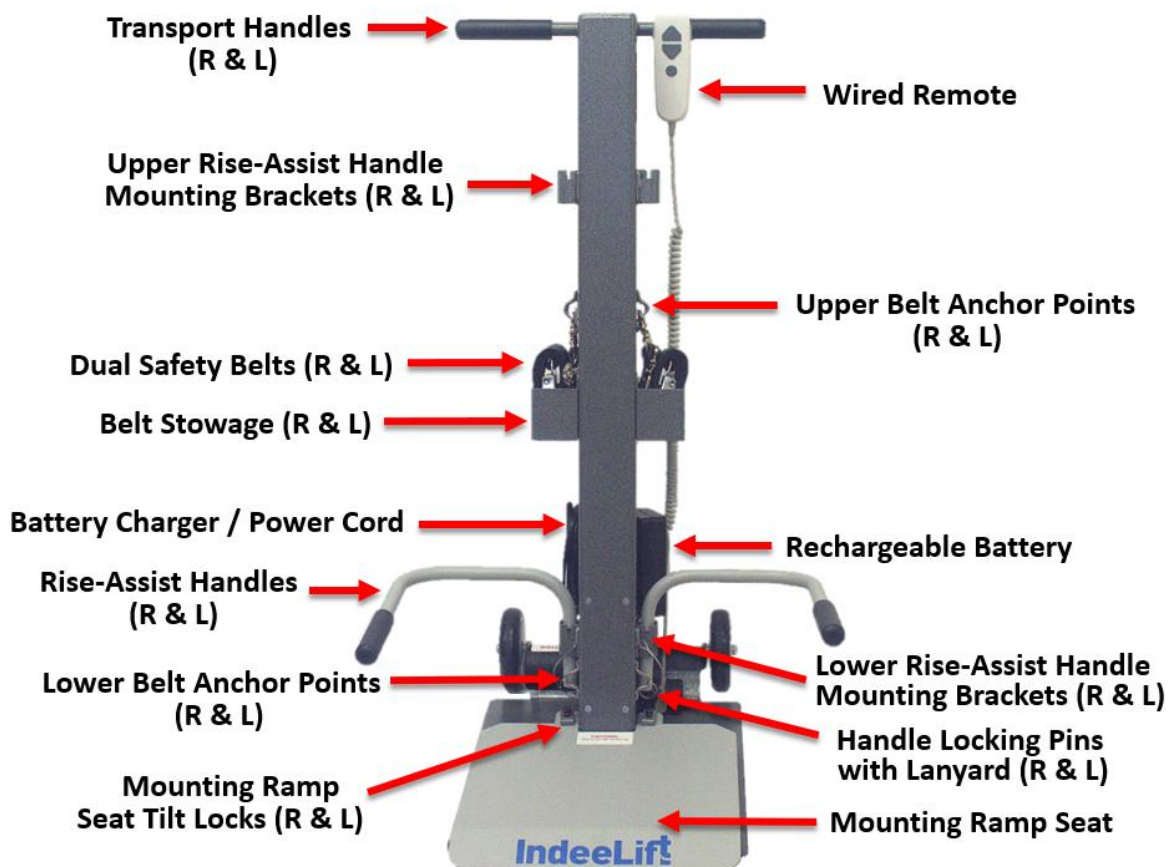
Rechargeable Battery

The FTS comes standard with a rechargeable Lithium-Ion battery pack and charging unit. Charging is accomplished by plugging the charging unit's AC power cord into a standard AC wall power outlet, (see **Preparing the HFL- 400-FTS for use** on Page 8). A full charge takes about eight hours. The control system will provide a beep tone when operated and batteries are in need of being charged.

⚠ WARNING California requires the following notice: **WARNING:** Lithium-ion batteries and products that contain lithium-ion batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

NOTICE Lithium-Ion batteries offer light weight, high energy density, low memory effect and long-life. The charger automatically shuts off when charging is complete, which prevents over-charging. The battery should be charged in a clean, dry location, away from direct sunlight, sparks or flame. Failure to recharge the battery at least once every three months *may* result in the battery no longer accepting a charge. The battery should be fully charged before storing the FTS for extended periods. If the battery needs replacing, dispose of the old battery at a recycling center that accepts rechargeable batteries.

HFL-400-FTS Component Identification:



HFL-400-FTS User's Manual

Components and Controls:

Wired Remote

⚠ WARNING Power cords could cause strangulation. Keep young children from playing with or around the FTS to avoid mishaps that could result in death or serious injury.

The wired remote control is connected to the FTS with a coiled cord and is used to raise and lower the seat by pressing the up or down button. Raising or lowering the seat takes approximately 75 seconds. The wired remote has graphics indicating the up and down functionality. The wired remote is generally stored on the FTS's handles with the hanger clip. *If intended for self-operation, the wired remote should be stored on one of the rise assist handles (see **Photos** on Page 8).*



Rise-Assist Handles

The Rise-Assist handles provide support and balance when standing from the seat or when using the FTS in a standing mode. The Rise-Assist handles are positioned on the lower bracket for seated operation and on the upper brackets for standing operation. If desired, one or both rise-assist handles can be swung away from the seat by lifting one inch and then rotating them away from the seat. They are also removable to allow a direct transfer to a wheelchair or other destination. To remove a rise-assist handle, remove the locking pin at the bottom of the handle, (as shown), then lift the handle upward. *Note: There are two locking pins on the lower bracket, (one for each handle). Each lower handle locking pin is secured to the main column with a lanyard, as shown.*



Handles Shown in Lower and Upper Brackets

Remove Locking Pin Then Lift Handle Upward

HFL-400-FTS User's Manual

Preparing the HFL-400-FTS for Use:

Unpacking the HFL-400-FTS:

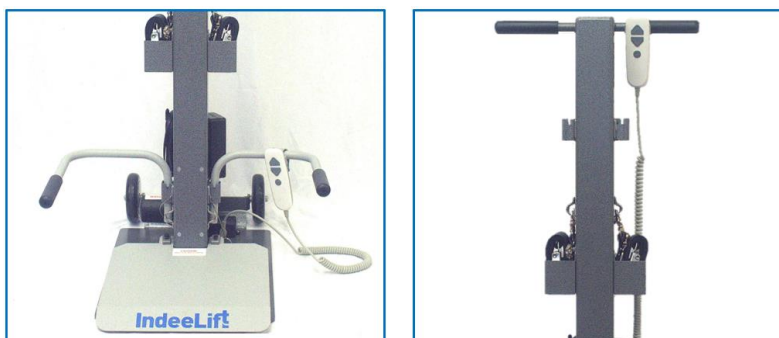
The FTS comes packaged for shipment in a carton that is sealed with shipping tape. *The unit ships without the wheels attached.* Packed inside the shipping carton will be the FTS, user manual and a box containing the wheel components, instruction sheet and wrench, as well as the AC power cord that connects to the battery charger.

- Cut or remove the shipping tape on the top flaps of the carton.
- Stand the packing carton with the heavy end down.
- Open the box and remove the foam and cardboard shipping reinforcement inserts.
- Remove the box containing the wheel components and the AC power cord.
- Slide the FTS out of the box in its upright position on the floor.
- Attach the wheels by following the instructions found in the box with the wheel components and wrench.
- Remove the wired remote from its protective bag.
- Test the FTS by raising and lowering the seat using the wired remote's up and down buttons.
- Properly dispose of the packaging materials.



NOTICE

If the unit is intended for self-operation, use the hanger clip on the back of the wired remote to place it on one of the lower rise-assist handles. If the unit is intended for assisted operation, place the wired remote on one of the upper transport handles.



HFL-400-FTS User's Manual

Charging the Battery:

WARNING

California requires the following notice: **WARNING:** Lithium-ion batteries and products that contain lithium-ion batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

NOTICE

It is recommended that the FTS be fully charged *before* its first use.

Position the FTS near a standard commercial AC wall power outlet.

Attach the female end of the AC power cord to the connector on top of the FTS's battery charger.

Attach the male end of the AC power cord to a standard commercial AC wall power outlet.

The green LED on the battery charger becomes lit and, within 15 seconds, the LED on the battery lights green or red. A red LED means the battery is still charging. A green LED means the battery is completely charged.

After an initial charge of up to eight hours, the battery is fully charged and the red LED on the battery turns green.

Once the unit is fully charged, disconnect the power cord from the wall outlet and wrap it around the cord bracket on the charger like you would a vacuum cleaner.



NOTICE

When the FTS's battery is running low, it will emit a steady tone when pressing the up or down button on the wired remote. This indicates that it's time to recharge the battery. Each charge is good for at least 10 lifts, depending on the weight of the person being lifted. If you need to use the FTS when the battery requires charging, or if the battery fails to operate the FTS, the lift can be operated with the power cord connected to an AC wall outlet.

HFL-400-FTS User's Manual

Operation:

NOTICE

Ensure that any users are thoroughly familiar with the correct operation of the FTS-400 *before* they use it to lift themselves or someone else.

Moving the HFL-FTS

Almost any able-bodied person, as young as 8 years old, can move the FTS around in a single level space. The person moving the FTS stands behind the lift and places one foot on the motor at the rear of the unit and then gently tilts the FTS rearward by pulling the handles toward them. They can now pull or push the FTS to the required location.



Raising or lowering the lift height to match the height of the user provides a more comfortable transport. It is more practical in many cases to pull the FTS from behind allowing the operator the ability to open doors and traverse thresholds and other impediments to smooth travel.

CAUTION

As you stop at the desired location, ensure there are no foreign objects beneath the seat *before* lowering the seat or tilting the unit back to the upright position to avoid minor or serious injury.

Attempting to transport an individual while seated on the lift seat is not recommended except in extreme circumstances that require it. If required, position the seat 12-14" above the floor before moving the occupied lift.

Functional Overview

The FTS provides both seated-lift and standing-lift functionality. This manual covers the standing-lift function and three separate seated-lift scenarios: Floor to Transfer; Transfer to Stand; and Floor to Stand. Each of these can be performed with or without assistance as determined by the situational requirements. The primary consideration for self-operation is the ability to get to the FTS. The amount of assistance required is determined by the specific circumstances and user needs.

Floor-to-Transfer operation is when a person is lifted from the floor and delivered in a seated position to a wheelchair, bed or other destination. Transfer-to-Stand is where the person needing assistance is in a chair, wheelchair, bed or other seated position and needs to stand. Floor-to-Stand is where a person is on the floor and needs to be lifted to a standing position.

HFL-400-FTS User's Manual

The FTS is equipped with a seat platform that is designed to lock in place for lifts associated with transfers and unlocks to allow forward rotation when the user is being raised to a standing position.

When the intent is to raise the assisted person to a standing position, the rotating-seat function is enabled by moving the seat-lock levers to the rear position enabling the seat to rotate forward as the user's weight is shifted from their buttocks to their feet. The FTS is designed to work effectively for people of all heights up to 6'5". For example, a person five feet tall will begin to shift their weight to their legs when the lift reaches a height of 23 inches, where a person that is 6'4" will begin shifting their weight to their feet when the lift reaches about 27 inches.

The seat rotates forward a maximum of 27 degrees causing the hips and legs to align, gently enabling the user to stand. The seat does not push the user forward. As the lifted person shifts their weight and adjusts their feet, the gradual rotation of the seat is all that is required to achieve a standing position.



Figure A: Floor To Stand

Once you are back on your feet, return the seat to the fully downward (home) position and clip the wired remote to one of the rise-assist handles, (so it will be ready to use again when needed).

NOTICE

Always ensure there are no foreign objects below the seat *before* lowering it to the home position and before tilting the FTS back to an upright position in its stored location!

General FTS Operation:

These are the basic operational steps for using the FTS to lift a person from the floor or a seated position to a transfer or standing position.

The user gets to the FTS by scooting or crawling or a helper/caregiver maneuvers the FTS to the location of the person needing assistance. When available, the helper positions the seat to allow the user to mount the lift via scooting on to the beveled seat or tilting on to the seat from the side.

- 1) After a fall, one scoots backwards or tilts onto the FTS's mounting ramp seat.
- 2) Once fully seated in the center and to the rear of the FTS's seat, the "Up" button is pressed on the wired remote. The motor engages and smoothly raises the seat.
- 3) If the user will transfer to another seated position, the lift is stopped at 20 to 22 inches (51 to 56 cm) above the floor or 2" (5 cm) above the height of the receiving seat, whichever is closer. This lift takes approximately 60 seconds.
- 4) Proceed with the transfer. The user slides from the FTS to the destination seat.

HFL-400-FTS User's Manual

- 5) If the user is going to stand directly from the FTS at chair height, ensure the user's feet are properly positioned for standing, and use the rise-assist handles to steady the user. The user then stands up as one would from any chair.
- 6) If the user is being lifted to stand by the FTS:
 - a. Disengage the seat locks.
 - b. Depress the "Up" button and lift the user until they are standing. As the FTS seat moves upward, the user's body weight naturally transfers from the seat to the user's legs and the seat rotates forward 27 degrees to allow the hips to become aligned with the legs, prompting the natural result, a standing user.
- 7) Clip the wired remote back onto one of the handles.
- 8) Return the seat to the desired storage position:
 - a. At the floor for a primary fall recovery tool or,
 - b. As a multifunction tool for standing lifts as well as daily transfers etc. At approximately 20 inches (51 cm) from the floor

Floor to Stand

When the person needing a lift is on the floor, they scoot to the location of the FTS and slide or tilt onto the seat. *When assistance is available, the helper/caregiver moves the FTS to the fallen and positions the FTS directly behind the fallen person with the beveled seat as close to the fallen person's buttocks as possible.*

The fallen person then scoots themselves backwards onto the seat, *with the helper's assistance if possible and necessary.* If the fallen person has difficulty scooting backwards onto the mounting ramp seat, they can use the **Mount Assist Procedure** described on Page 15.

Once the person-to-be lifted is fully seated in the center and to the rear of the FTS's seat, the person-to-be lifted places their hands on the rise-assist handles. The person-to-be lifted *or a helper* then depresses and holds the "UP" button, as indicated by the arrow on the wired remote. The seat will rise until the "UP" button is released or at the maximum height of 30" from the floor.

The Floor to Stand function is the complete fall-recovery seated-lift use cycle for Human Floor Lifts. Once the seated person's weight shifts to their feet, they are standing, (see Figure A, Page 11).

Once the lift is complete, using the wired remote, position the FTS seat to the floor or a normal seated height based on the preference of the primary user and return the FTS to its storage location.

Floor to Transfer

When the person needing assistance is transferring to a bed, wheelchair or a commode, they follow the Floor-to-Stand instructions above. When the assisted person will be transferring to a wheelchair, bed or other destination, the lift should be stopped at one to two inches above the destination seat allowing for a slightly-downward-gravity-assisted transfer.

The helper then assists the user to slide from the FTS to the receiving seat. If the assisted person is unable to slide safely, a transfer board may be utilized to assist with the transfer.

Once the transfer is complete, using the wired remote, position the FTS seat to the floor or a normal seated height based on the preference of the primary user and return the FTS to its storage location.

HFL-400-FTS User's Manual

Figure B depicts a Floor-to-Stand *from a seated position*, while Figure C depicts a *transfer* from a seated position.



Figure B: Floor to Stand – From a Seated Position



Figure C: Floor to Stand – Transfer From a Seated Position

Transfer to Stand

In this scenario, the person needing assistance is seated in a chair, on a bed, a couch, in a wheelchair or elsewhere. The user will need to be transferred to the FTS to assist in raising them to a standing position, (see Figure B, above).

If the person to be assisted is sitting in a chair, on a bed, a couch, or in a wheelchair, the helper positions the FTS directly beside the seated person and uses the wired-remote to position the seat one to two inches below the height of the seated persons buttocks. This positioning facilitates a gravity-assisted transfer eliminating the possibility of injury to the helper/caregiver or the person being lifted. The helper then assists the user to slide to the FTS seat. If the assisted person is unable to slide safely, a transfer board may be slid under the user to assist in the transfer.

Once the assisted person is fully seated in the center and to the rear of the FTS's seat, have them place their hands on the rise assist handles and let them know you are about to raise the seat.

NOTICE

Always ensure that the Tilt-Seat locks are disengaged to ensure the seat rotates with the lifting person.

When they are ready, press and hold the up button, as indicated by the arrow on the wired remote. The seat will rise until the "UP" button is released or at the maximum height of 30" from the floor. Once the seated person's weight shifts to their feet, they are standing.

Once the lift is complete, using the wired remote, position the FTS seat to the floor or a normal seated height based on the preference of the primary user and return the FTS to its storage location.

HFL-400-FTS User's Manual

Standing Function

While the primary function of the FTS is lifting people from a seated position, the need to lift a standing person a few inches occur regularly for many people. Reaching the tall cabinets in the kitchen, getting to the shelf in the closet, or getting up on a tall bed are all activities that are not possible for many people with mobility challenges. In assisted living or skilled nursing environments, a few inches of lift can get a patient onto an exam or x-ray table. The FTS provides a safe and reliable method to rise those few inches to reach that space that was out of reach without the FTS.

⚠ WARNING Always place the mounting ramp seat locks in the “locked” position when using this lift in a standing function aid to avoid mishaps that could result in death or serious injury.

⚠ WARNING Never lift a standing person higher than 15 inches from the floor. It is unsafe for standing persons to be lifted above 15”!

This function is accomplished by moving the Rise-Assist Handles from the lower mounting brackets to the upper mounting brackets, and securing the seat (standing) plate in the locked position. The FTS is then placed along side of the cabinet, shelf, closet or other location that is difficult to reach without assistance. With the seat in the fully lowered position, the person in need of assistance stands on the seat and grasps the Rise-Assist Handles, (which are now secured in the upper mounting brackets). The user, *or a helper*, then presses the up button on the wired remote to raise the seat to the required height to reach that space that was out of reach without the FTS, (see Figure D, below).

Once the lift is complete, using the wired remote, position the FTS seat to the floor or a normal seated height based on the preference of the primary user and return the FTS to its storage location.



Figure D: Floor to Stand – Standing Function

HFL-400-FTS User's Manual

Assisted Operation – Mount Assist Procedure:

When assisting a fallen person that has difficulty scooting backwards onto the mounting ramp seat, you can use this procedure to assist them onto the FTS.

Ensure the FTS's seat is in the fully downward position, and remove one of the rise-assist handles by removing the locking pin then lifting the handle upward. With the fallen person laying down on the floor, position the FTS behind them and position their legs as far forward as possible, (to form an "L" shape).

Move the FTS to the fallen person and place the edge of the seat, (that no longer has the rise assist handle), as close to the fallen person's buttocks as possible.

Position yourself on the other side of the FTS's seat. If available, install a gait belt around fallen persons upper chest area and gently tilt them up to a seated position on the center of the FTS's seat. *If needed, assist the person to be positioned in the center of the seat, as far back on the seat as possible, (with their back resting on the FTS's vertical column).*

Once the fallen person is fully seated in the center and to the rear of the FTS's seat, replace the rise assist handle by lowering it back into position on the FTS, then secure the handle to the FTS by replacing the locking pin. If the fallen person seems to be unstable sitting on the FTS's seat, secure them with the FTS's security belts. Have the fallen person place their hands on the rise assist handles, assisting them if necessary, and let them know you are about to raise the seat.

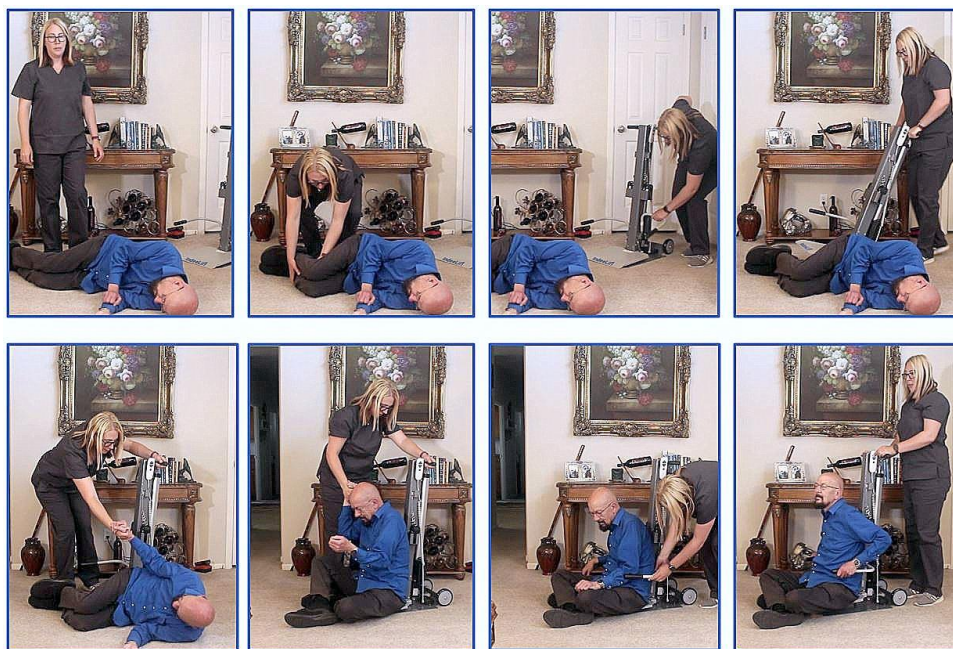


Figure E: Floor to Stand – Mount Assist Procedure

When they are ready, press and hold the up button, as indicated by the arrow on the wired remote. The seat will rise for approximately 75 seconds, then automatically stop at the top height or when the "Up" button is released. Once the lift has stopped, allow the person to rest if needed. Then place the wired remote on the upper transport handle, ensure their feet are positioned properly for standing, then offer to assist them as they stand up from the seat, (as they would from any chair).

REMINDER: When using the FTS for assisted operation, we recommend the seat be lowered to a height of six to eight inches from the floor after each use, *(for easier transport the next time it is needed).*

HFL-400-FTS User's Manual

Assisted Operation – Wheelchair Transfer:

The FTS is designed for the seat to stop in the up position 30 inches from the floor. This height allows the user to be lifted to a standing position. Wheelchair transfers are performed at a height of 19 -21 inches above the floor, two inches above the wheelchair seat which is generally 17 to 19 inches above the floor. The two inches allow for a gravity assisted transfer. Most wheelchairs will roll right up to the FTS's seat on the most convenient side.

Use one of the previously described procedures to recover the fallen person from the floor. Once the fallen person has been recovered and is seated on the FTS with the seat in its fully raised position, determine which side is preferred for the transfer and place the wheelchair as close as possible to the FTS's seat. Engage the brakes on the wheelchair, (see Figure C: Floor to Stand – Transfer From a Seated Position on Page 13).

⚠ CAUTION Before transferring anyone from the FTS to a wheel chair, always ensure the brakes on the wheelchair are fully engaged to avoid an accident that could lead to death or serious injury.

Either raise the rise assist handle on the appropriate side and swing it rearward, or remove it completely by removing the locking pin at the bottom of the handle then lifting the handle upward.

NOTICE If you remove the rise assist handle, temporarily place the handle in a safe location (where they will not interfere with the transfer).

Using the wired remote, position the FTS's seat to be approximately one to two inches higher than the wheelchair's seat. *This allows for a gravity-assisted transfer.* Place the wired remote on the FTS's upper handle then have the recovered person grasp the far handle of the wheelchair and assist them if needed as they scoot themselves from the FTS's seat to a fully seated position on the wheelchair.

Once the recovered person is safely in the wheelchair, disengage the wheelchair's brakes and move them away from the FTS.

Before returning the FTS to its stored location, don't forget to either swing the rise assist handle back into position or – if you removed the handle -- replace it on the appropriate side and secure it back in place with the locking pin.



As previously described, lower the FTS's seat to a height of between six to eight inches from the floor, (for easy transport back to its stored location).

HFL-400-FTS User's Manual

Securement Belt Information:

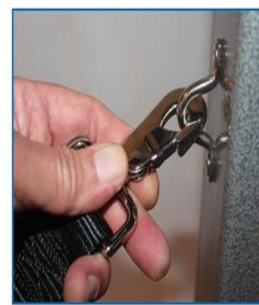
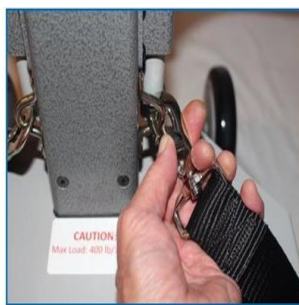
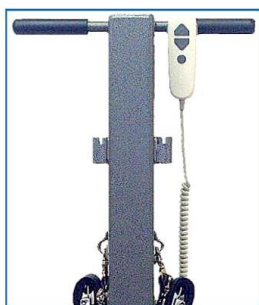
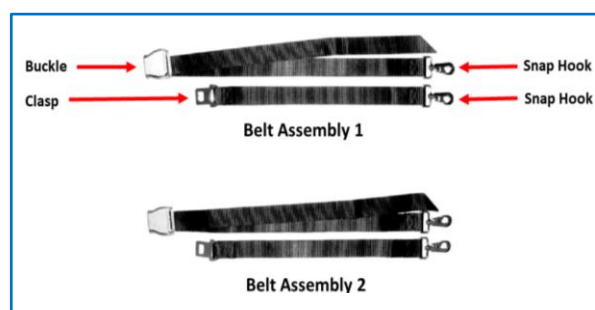
The anchor points and belt assemblies are for use when lifting an individual who is non-ambulatory, has minimal upper and lower body strength, or has a condition that causes significant mobility challenges, (e.g., a paraplegic person with no ability to move their legs, a person with cerebral palsy who may need additional help to sit upright on the FTS when being lifted, or anyone with neuromuscular conditions that may limit their lower body strength or their ability to stay on the seat unassisted). The belt assemblies can also be used simply as desired for additional safety when lifting an individual.

All procedures that do not involve the use of the waist and chest belt accessories are covered in detail earlier in this Users' Manual and are fully applicable to the HFL-400-FTS units.

Using the Belt Assemblies

Each belt assembly includes two straps; the longer strap has a seatbelt style *buckle* with a snap hook at the end, the shorter strap has a seatbelt style *clasp* with a snap hook at the end. Each of the two straps form a single belt assembly. The two belt assemblies are identical, (*either assembly can be used as a chest belt or a waist belt*).

In use, they are secured to the FTS's upper and lower belt anchor points, (located on the FTS's main column), using the snap hooks at the end of each belt assembly. The upper belt assembly and anchor points can be used as a chest belt and the lower belt assembly and anchor points can be used as a waist belt.



NOTICE

Depending on the circumstances, you may choose to use the waist belt only. The anchor points and belt assemblies also allow for additional configurations, (such as crossing the chest of the person being lifted by attaching one belt assembly to the upper left and lower right anchor points and the second belt assembly to the upper right and lower left anchor points).

NOTICE

Once the fallen individual is securely buckled to the lift using the belt assemblies, pull on each buckles' strap to ensure both belts are snug and secure *before* pressing the up button on the wired remote. As the seated person is being lifted, have them gradually move their legs inward, then ensure their feet are properly positioned *before* they stand up from the FTS's seat, (as the would from any chair).

HFL-400-FTS User's Manual

NOTICE

When lifting a person with little-to-no lower body strength, (such as a paraplegic), the belts will hold the person securely in place and their legs will naturally move inward towards the FTS as they're being lifted. *A person properly secured to the FTS using the two belt assemblies cannot fall off the FTS's seat!*



Maintenance:

The IndeeLift FTS requires no regular maintenance. All exposed surfaces can be cleaned with standard cleaning products. Keeping the battery charged helps improve battery life.

NOTICE

While the FTS is extremely durable and will perform well indoors or outdoors, it is recommended that the FTS be stored indoors when not in use.

Troubleshooting / Service:

The HFL- 300/400 was designed to provide years of trouble-free performance. There are no user serviceable parts. However, should you encounter a situation where the unit is not operating properly, please ensure you have correctly followed the procedures for recharging the unit (covered in the **Charging the Battery** section of this manual on Page 9).

If charging the unit does not resolve the problem, or if you encounter any other operational issues with this unit, please contact IndeeLift Customer Care at the number below. Our knowledgeable associates will help to diagnose the problem and present a plan for swift resolution.

IMPORTANT: When contacting IndeeLift Customer Care, please be prepared with your model number, serial number, purchase date and a detailed description of the problem.

Contact IndeeLift Customer Care toll-free at 844-700-LIFT (5438)

HFL-400-FTS User's Manual

Warranty Information:

IndeeLift Inc. warrants to the original purchaser that this product and the components thereof will be free from defects in workmanship and materials for a period of **one year** from the original date of purchase. IndeeLift Inc. will, without charge, repair or replace at its option, any defective components or the whole product if necessary. Shipping charges may apply. If a total replacement is necessary, IndeeLift, may upon its discretion provide the latest model, which meets or exceeds the specifications of the product to be replaced.

Exclusions:

This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. IndeeLift Inc. reserves the right to make changes in design or make additions or improvements to this product without any obligation to install the same on products previously manufactured.

IndeeLift Inc. shall not be liable for any consequential damages including, without limitations, damages resulting from loss of use. Some states do not allow limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The warranty gives you specific rights and you may have other rights, which vary from state to state.

HFL-400-FTS User's Manual

Physical Specifications:

Model	HFL-400-FTS
Safe Working Load	400 lbs. (181kg)
Overall Depth	26.5 " (673mm)
Maximum Overall Height (raised).....	68.75" (1746mm)
Minimum Overall Height (lowered).....	39.75" (1009mm)
External Width incl Rise Handles.....	23" (584mm)
Maximum Seat Height	30" (762mm)
Seat Width.....	14" (356mm)
Wheel Diameter.....	5" (127mm)
Unit Weight	84 lbs. (38kg)
Rotating Seat Plate	Standard
Securement Belt System	Standard

Electrical Specifications:

Standard 2-prong 110V AC Power 9' (2.74m) cord (USA)	
Standard 2-prong 220V AC Power 9' (2.74m) cord (Rest of World)	
Operating environment: 41° to 104°F (+5°C to 40°C)	
Battery and System: 24V	
Lithium Ion Battery Pack.....	Standard
"Smart" Charger.....	Standard

HFL-300/400 User Manual

Owner's Notes:

Model: HFL-400-FTS

Serial Number: _____

Date Purchased: _____

HFL-300/400 User Manual

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HFL-300/400 User Manual

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HFL-300/400 User Manual



For more sales and technical information refer to:

<https://indeelift.com/>

Refer to training videos about the entire IndeeLift family of products:

<https://www.youtube.com/channel/UCdB26WPI3wVYWKaagNyG4bw/videos>



Residential



Professional



Emergency
Responders