



HFL-300
(300 lb. Capacity)



HFL-400
(400 lb. Capacity)

HFL-300/400 USER'S MANUAL

HFL-300/400 User Manual



Please read this entire manual **before** using the product and retain for future reference.

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HFL-300/400 User Manual

Introduction:

The patent-pending Human Floor Lift (HFL) is a class 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 ETL certified components and are available in consumer, business, professional healthcare and emergency medical services models.

The HFL-300 and HFL-400 are Human Floor Lifts designed for self or assisted operation in the home or business. These appliances are capable of lifting a person from the floor without risk of injury to the fallen or anyone assisting them. 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 associated risks.

Overview:

This manual covers the HFL-300 and HFL-400 consumer models and are designed for use in the home and small businesses (such as hospices). They provide the same features, functions and operational characteristics with the exception of rated capacity. The HFL-300 is engineered to lift a person of up to 300 pounds or 136kg. The HFL-400 is engineered to lift a person weighing up to 400 pounds or 181kg. Therefore, both units are referred to as the “HFL” throughout this manual.

The HFL 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 and can be self-operated or operated with the assistance of a helper, without injury to the fallen person or any helper.

Self-Operation: After a fall, the fallen person scoots over to the HFL, 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.

Assisted Operation: A helper can easily wheel the HFL to the fallen person and assist them onto the mounting ramp seat, if necessary. The helper then pushes a button on the wired remote, activating the motor which raises the fallen person from the floor.

Once up from the floor, the fallen person can take a deep breath and rest comfortably until they are ready to stand up and walk away or be directly transferred to a wheelchair, all without the risk of injuries related to the fall recovery.

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HFL Features/Functionality:

The Indeelift HFL is designed to meet the specifications and requirements of the Americans with Disabilities Act (ADA). The raised-seat height was dictated by the need to stand with minimal effort for the elderly and disabled. The ability to transfer directly to a wheelchair is accomplished by setting the seat height at 21 inches which allows a height difference of 1-2 inches for lift free transfers to most wheelchairs.

Small Footprint and Easy Portability

The HFL 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 32", the HFL can go just about anywhere including all ADA accessible bathrooms, as well as most other bathrooms.

Mounting Ramp Seat

The HFL patent-pending design includes a mounting ramp seat that eliminates the need to ever "lift" a person manually. A user either scoots onto the lift using the front ramp or they can tilt up onto the seat with no complex cradles or harnesses to configure -- the HFL allows fall recovery to be simple and quick. A person who has fallen can be up from the floor to a normal seated position within one minute.

Wired Remote

The wired remote has a 10' (3m) retractable cord, allowing the user or a helper to operate the lift. The wired remote has graphics indicating the up and down functionality. The wired remote is stored on the HFL's handle with the hanger clip.

Adjustable and/or Removable Rise Handles

The rise 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. They arms can swing away from the seat if needed. They are also removable to allow for mount assistance or a direct transfer to a wheelchair or other destination -- with no lifting required.

Rechargeable Battery

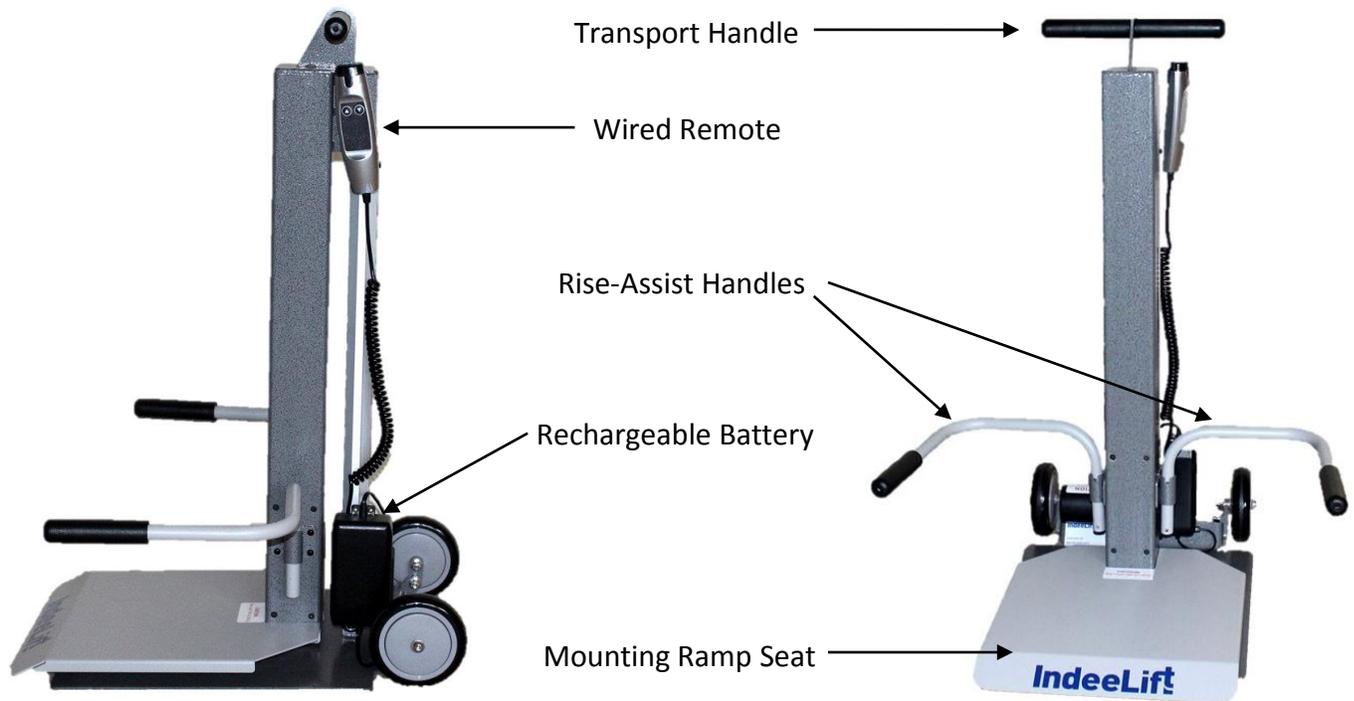
The HFL comes standard with a rechargeable battery pack and a charging unit. The HFL will operate at less-than-optimum performance when in need of charging. Charging is accomplished by plugging the charging unit's AC power cord into a standard AC power outlet and the DC output cord into the HFL's battery (see **Preparing the HFL 300/400 for use** on Page 5). A full charge takes about eight hours.

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

HFL-300/400 Component Identification:

Major Components



Components and Controls:

Wired Remote

The wired remote control is connected to the HFL 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 60 seconds. The wired remote has graphics indicating the up and down functionality. The wired remote is generally stored on the HFL's handle with the hanger clip.

*Note: If intended for self-operation, the wired remote should be stored on one of the rise assist handles (see **Self-Operation** on Page 6).*

Rise Assist Handles

The rise assist handles provide support when standing from the seat. If desired, they can be swung away from the seat by lifting on them, then moving 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, pull up on the handle, swing it away from the seat, and lift the handle upward.

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Preparing the HFL- 300/400 for use:

Unpacking the HFL- 300/400:

The HFL comes packaged for shipment in a carton that is held together with a strap. Packed inside the shipping carton will be the HFL and the battery charger.

- 1) Remove the box cap and sides
- 2) Remove the battery charging unit
- 3) Remove the HFL and roll it onto the floor
- 4) Test by raising and lowering the seat
- 5) Dispose of packaging

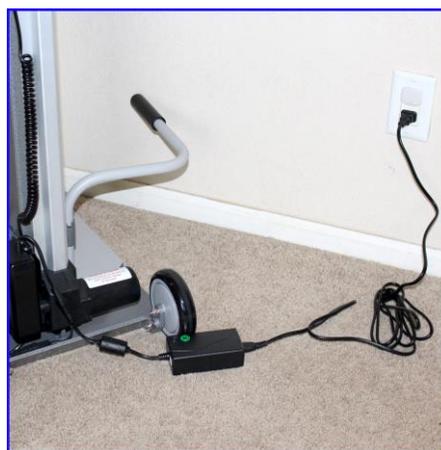
Charging the Battery Pack:



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

NOTE: The HFL **cannot** be used while it is being charged.

1. Position the HFL near a standard 110/120 VAC, three-prong wall power outlet.
2. Attach the female end of the battery charger's power cord to the connector on the HFL's battery pack.
3. Attach the male end of the battery charger's AC power cord to a standard 110/120 VAC grounded wall power outlet.
 - After eight hours, the unit is fully charged. Disconnect the battery charger unit from the wall outlet and the HFL's battery pack.
 - Keep the battery charger in a safe place where you can easily locate it the next time the HFL requires charging.



NOTE: Each charge is good for approximately 10 lifts, depending on the weight of the person(s) being lifted.

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Operation:



Ensure that any users are thoroughly familiar with the correct operation of the HFL- 300/400 **before** they use it to lift themselves or someone else.

Self-Operation:

While the assistance of a helper can be useful, the HFL home models are designed to be self-operated. It is recommended that you keep the HFL in a location easily accessible within the home (i.e., in a place where a fallen person can scoot to it when needed).

1. Keep the seat in the downward (home) position with the wired remote clipped to one of the rise assist handles.
2. After a fall, scoot yourself backwards onto the HFL's mounting ramp seat.
3. Once fully seated in the center and to the rear of the HFL's seat, press the "up" button on the wired remote. The motor engages and smoothly raises the seat to a height of 21", then automatically stops. *NOTE: This takes about one minute.*
4. Once the seat stops in the fully raised position, rest and catch your breath if needed. Then clip the wired remote back onto one of the handles.
5. Ensure your feet are properly positioned for standing, then use the rise-assist handles to steady yourself.
6. Stand up, as you would from any chair.



NOTE: 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). **Always ensure there are no foreign objects below the seat before returning it to the home position.**

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Assisted Operation – Standard Lift:

If available, a helper can assist a fallen person. The helper should ensure the HFL is not connected to the charger and that the seat is in the fully downward (home) position before moving the unit.

1. Stand behind the HFL and place one foot on the back of the unit. Then gently tilt the HFL backwards by pulling the handle towards you. You can now pull or push to HFL to the fallen person.



As you stop at the desired location, ensure there are no foreign objects beneath the seat **before** tilting the unit back to the upright (operational) position. **NOTE: Never move the HFL with a person in the seat.**

2. Position the HFL directly behind the fallen person, with the mounting ramp seat as close to their posterior as possible.
3. Have the fallen person scoot themselves backwards into the mounting ramp seat, assisting them if needed. NOTE: If they have difficulty scooting backwards onto the mounting ramp seat, use the **Mount Assist Procedure**, on Page 8.
4. Once the fallen person is fully seated in the center and to the rear of the HFL seat, have them place their hands on the rise assist handles and let them know you are about to raise the seat. 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 one minute, then automatically stop.
5. When the HFL has stopped, allow the recovered person to catch their breath and rest if needed. Place the wired remote back on the HFL and offer the recovered person your hand.
6. Once they are ready to stand, assist them if needed as they stand up from the seat.



NOTE: Once they are back on their feet, return the seat to the fully downward (home) position and return the HFL to its stored location. **Always ensure there are no foreign objects below the seat before tilting the HFL back to its upright (stored) position.**

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Assisted Operation – Mount Assist Procedure:

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

1. With the fallen person laying down on the floor, position the HFL behind them and position their legs as far forward as possible, (to form an “L” shape).
2. Remove one of the two rise assist handles by lifting the handle upward. Keep it near the HFL (so you can put it back into position once the fallen person is safely on the HFL’s seat).
3. Move the HFL to the fallen person and place the edge of the seat that no longer has the rise assist handle as close to their posterior as possible.
4. Position yourself on the other side of the HFL’s seat and offer the fallen person your hand, then gently tilt them up to a seated position on the center of the HFL’s seat. *If needed, assist the person to be positioned in the center of the seat, as far back on the seat as possible, (where their back is resting on the HFL’s vertical frame).*
5. Once the fallen person is fully seated in the center and to the rear of the HFL’s seat, replace the rise assist arm by lowering it back into position on the HFL, have them place their hands on the rise assist handles and let them know you are about to raise the seat. 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 one minute, then automatically stop.
6. Once the lift has stopped, allow the person to rest if needed, 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).



NOTE: Once the fallen person has been recovered, return the seat to the fully downward (home) position before rolling the HFL back to its stored location. **Always ensure there are no foreign objects below the seat before tilting the HFL back to its upright (stored) position.**

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Assisted Operation – Wheelchair Transfer:

The HFL is designed for the seat to stop in the up position, twenty one inches from the floor. This height just exceeds standard wheelchair seat height to allow for a gravity assisted transfer. Most wheelchairs will roll right up to the HFL seat on the most convenient side.

1. Raise the seated person until the HFL stops.
2. Determine which side is preferred for the transfer.
3. Remove the rise assist handle on the appropriate side by pulling it upward and temporarily place it in a safe location (i.e., where it will not interfere with the moving of the recovered person onto the wheelchair).
4. Position the wheelchair as close as possible to the HFL's seat.
5. Have the recovered person scoot themselves from the HFL's seat to a fully seated position in the wheelchair. NOTE: Be prepared to assist them as they transfer from the HFL to the wheelchair, if needed.
6. Replace the rise assist handle on the appropriate side.
7. Return the seat to the fully downward (home) position before returning the HFL to its storage location.

NOTE: When you arrive at the storage location, remember to ensure there are no foreign objects beneath the unit **before** tilting it back into the upright (storage) position.

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Maintenance:

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

Note: While the HFL is extremely durable and will perform well indoors or outdoors, it is recommended that the HFL 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 **Preparing the HFL- 300/400 for use** section of this manual on Page 5).

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)**

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.

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Physical Specifications:

	HFL-300	HFL-400
Safe Working Load	300 lbs.	400 lbs.
Maximum Length	21"	21"
Maximum Height	52"	52"
External Width	15"	15"
Maximum Seat Height	21"	21"
Wheels	5"	5"
Power Pack	1.5lbs	2.2 lbs.
Total Weight	52 lbs.	56 lbs.
Lithium Ion Battery Pack.....	Standard	Standard

Electrical Specifications:

Standard 2-prong 110V AC Power 9' cord
Operating environment: >+5°C <+40°C