

Carrier-Lift® Inclined platform lift

Celebrating 60 years of helping people.



ThyssenKrupp Access

Accessibility Division



ThyssenKrupp

Space-saving solutions you can count on.



Optional fold-down seat

The Carrier-Lift inclined platform lift is a complete accessibility solution for facilities that have limited space and budgets. The lift glides along existing stairs, providing open access to all levels without requiring structural changes. When not in use, the lift folds against the wall, leaving open valuable space.

We engineer all of our lifts for your safety and comfort. They fully comply with ADA accessibility regulations. Each rail is custom manufactured to the exact contours of your stairway... whether straight, curved, spiral, or



Operating controls

A user or attendant can operate the lift using a flexible hand-held pendant control.



Optional remote controls ensure the lift will always be available for use. Add optional audible alerts and indication lights to signal the lift is moving.

multiple flights. The rack and pinion drive system ensures a smooth, quiet ride. We also offer battery-operated systems with "smart charge" batteries which continuously charge, ensuring the lift will always operate, even in the event of a power outage.

Since 1947, ThyssenKrupp Access has helped make homes and businesses more welcoming to those with limited mobility. Our products offer the most comprehensive selection in the industry — all backed by our commitment to quality through our industry-leading warranty.

The lift features a power fold platform. Controls on the side of the platform allow you to fold the lift out of the way or open it for use with the touch of a button. Or, if you prefer, the power fold controls can be located remotely. A key lock comes standard to prevent unauthorized access.



Arms folded up and down

Choose manual or power fold-up arms that rise when the lift stops and lower to ensure the passenger's safety while the lift is moving. For passenger comfort and convenience, a grab rail comes standard on every lift.



Folded lift (*upper left*)

Optional remote controls for unit and power fold platform (*upper right*)

Optional power fold platform controls on unit (*bottom*)



Automatic access ramp

When the lift arrives at its destination, the automatic access ramp folds down so that passengers can exit safely. While the lift is in motion, the ramps are upright to secure the wheelchair.

General Specifications:

PART 1 – GENERAL

1.01 Product

- A. The product described is an Inclined Platform Lift for use by persons with disabilities. The product consists of a dual rail system with a platform which moves along a straight or multiple flight staircase.

1.02 References

- A. ATBCB ADAAG (Americans With Disabilities Act).
- B. CABO/ANSI A117.1 (Accessible and Usable Buildings and Facilities).
- C. Applicable sections of ANSI A17.1 and A18.1 (safety code)
- D. NFPA 70 (National Electrical Code).

1.03 Quality Assurance

- A. Lift shall comply with applicable sections of ADAAG, Applicable sections of ANSI A17.1 and A18.1, and NFPA 70.
- B. Lift shall be certified by an independent testing laboratory for compliance to applicable sections of ANSI A17.1 and A18.1.

PART 2 – PRODUCT

2.01 Acceptable Manufacturer

- A. ThyssenKrupp Access, 4001 E. 138th Street, Grandview, MO 64030

2.02 Lift Equipment

- A. Lift: ThyssenKrupp Access Carrier-Lift® Inclined Platform Lift.
 - 1. Model: IL-2000 (opt.) or IL-92 (opt.).
 - 2. Capacity: 450 lb
 - 3. Nominal Speed: 18 fpm.
 - 4. Drive: Twin rack and pinion system, mounted on twin 1.875 Dia DOM Steel tubes.
 - 5. Finish: Baked electrostatically applied polyester, Ivory color standard
 - 6. Platform: 28" x 35", 30" x 41" or 30" x 48" with non-slip surface, power folding via constant pressure directional buttons and keylock switches. When folded, platform protrudes not more than 24 1/2" from wall.
 - 7. AC power requirements: 115 VAC 60 hz 15 amp single phase.
- B. Drive Mechanism:
 - 1. Model IL-2000 (opt.): Rechargeable batteries powering a 24vdc 1/2hp 1750 rpm motor with soft-start and self-locking worm gear.
 - 2. Model IL-92 (opt.): 115VAC 60hz single phase mains powering a 115VAC 1/2hp 1750 rpm motor with self-locking worm gear.

Specifications and/or colors subject to change without notice.

Visit our web site at www.tkaccess.com for more information including complete specifications, CAD details, and typical drawings.

C. Safety Features:

1. Platform Controls: Low voltage constant pressure directional switches, emergency stop and keylock switches.
2. Ramps: Automatic access ramps with non-slip surface, sensors to stop directional movement if obstruction is encountered, allow reversal to clear obstruction.
3. Safety Pan: Stops lift movement in down direction if obstruction is encountered, allows reversal to clear obstruction.
4. Platform side guard: 6" high steel.
5. Safety Arms: 1 1/2" diameter steel tubing.
6. Overspeed Device: Electromechanical, activates on overspeed condition to disable controls and prevent unit from moving down track.

D. Optional Equipment:

1. Landing controls: Low voltage constant pressure directional switches, emergency stop and keylock switches.
2. Power Fold-Up Arms: Allows for easy entry/exit at landings.
3. 90° Platform: Allows rider to enter/exit from side of platform
4. Remote Platform Fold: Allows platform to be folded from Call/Send control.
5. Folding Seat: Accommodates seated rider (tested to 300 lbs.).
6. Audio Visual Alert: Unit mounted, operates when unit is underway.
7. Special Order Colors: Refer to manufacturer's price list
8. Track Fascia Panels: Steel or plexiglas.

PART 3 – EXECUTION

3.01 References

- A. Unit Installation Manual.
- B. CABO/ANSI A117.1.
- C. Applicable sections of ANSI A17.1 and A18.1.
- D. NFPA 70.
- E. All local codes having legal jurisdiction.

3.02 Installation

- A. Authorized lift contractor to furnish and install unit per Manufacturer's Installation Manual and applicable codes.
- B. Authorized lift contractor to make all final electrical connections and lift adjustments.

3.03 Maintenance

- A. Unit to be maintained per manufacturer's installation instructions.

Warranty: Basic lift components and drive train shall carry a one year limited warranty.

Note: Dimensions and specifications are subject to constant change and continually evolving codes and product applications.

Manufactured in USA since 1947.



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