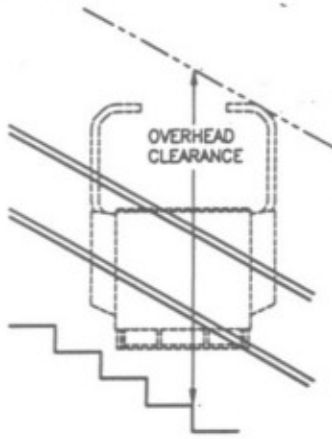


OVERHEAD CLEARANCE REQUIREMENTS

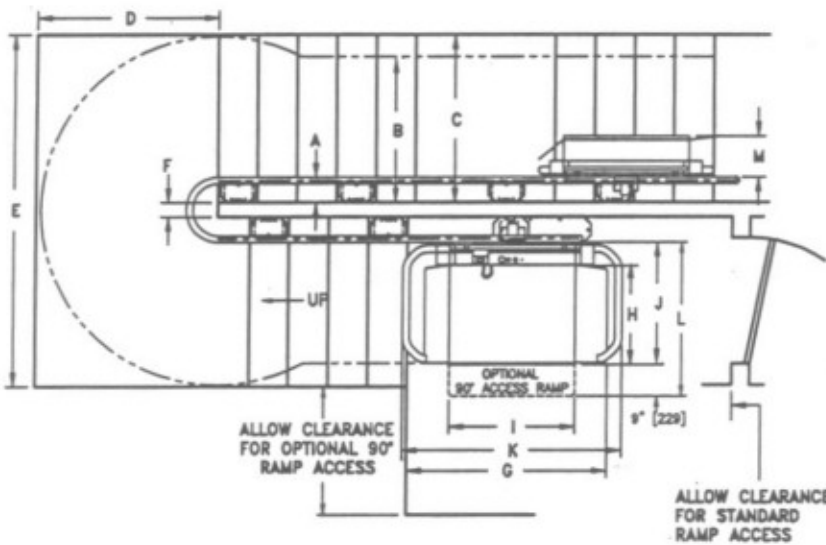


SLOPE	PLATFORM SIZE		
	28" X 35"	30" X 41"	30" X 48"
5°	73 1/2" [1890]	76" [1930]	77 3/8" [1963]
10°	78 1/2" [1942]	80 5/8" [2048]	81 5/8" [2071]
15°	79 3/4" [2024]	84 5/8" [2148]	86 3/8" [2194]
20°	83 3/4" [2125]	88 3/8" [2244]	91" [2312]
25°	87 5/8" [2225]	93 7/8" [2384]	96 1/4" [2444]
30°	91 3/4" [2330]	98 1/2" [2495]	102" [2591]
35°	95 3/4" [2432]	103 7/8" [2638]	106" [2769]
40°	102" [2590]	110 7/8" [2815]	116 1/4" [2952]
45°	108 1/4" [2750]	118 7/8" [3008]	123 1/2" [3137]

WheelFlyer™

VERTE'™

INCLINED WHEELCHAIR LIFT
FOR STAIRWAYS



28" X 35" PLATFORM

	LOAD BEARING WALL MOUNT 1" x 2" VERTICAL POST	WALL SUPPORTED 2" x 2" VERTICAL POST	FREE STANDING 2" x 4" VERTICAL POST
A*	7 1/4" [184]	8 3/8" [210]	10 3/8" [261]
B*	42 1/4" [1073]	43 1/4" [1098]	45 3/8" [1150]
C	48 5/8" [1235]	49 5/8" [1260]	51 5/8" [1311]
D	51 5/8" [1311]	51 5/8" [1311]	51 5/8" [1311]
E	(2 x C) + F	(2 x C) + F	(2 x C) + F
F**	VARIES	VARIES	VARIES

PARKING REQUIREMENTS & CAR DIMENSIONS

G	H	I	J	K	L	M
51" [1295] + 1 TREAD [711]	28" [889]	35" [889]	35" [889]	56" [1422]	N/A	12 1/8" [308]

30" X 41" PLATFORM

	LOAD BEARING WALL MOUNT 1" x 2" VERTICAL POST	WALL SUPPORTED 2" x 2" VERTICAL POST	FREE STANDING 2" x 4" VERTICAL POST
A*	7 1/4" [184]	8 3/8" [210]	10 3/8" [261]
B*	44 3/8" [1124]	45 3/8" [1150]	47 1/4" [1200]
C	53 5/8" [1361]	54 5/8" [1387]	56 5/8" [1437]
D	56 5/8" [1437]	56 5/8" [1437]	56 5/8" [1437]
E	(2 x C) + F	(2 x C) + F	(2 x C) + F
F**	VARIES	VARIES	VARIES

PARKING REQUIREMENTS & CAR DIMENSIONS

G	H	I	J	K	L	M
57" [1450] + 1 TREAD [762]	30" [762]	41" [1041]	37" [940]	56" [1422]	46" [1169]	12 1/2" [315]

30" X 48" PLATFORM

	LOAD BEARING WALL MOUNT 1" x 2" VERTICAL POST	WALL SUPPORTED 2" x 2" VERTICAL POST	FREE STANDING 2" x 4" VERTICAL POST
A*	7 1/4" [184]	8 3/8" [210]	10 3/8" [261]
B*	44 3/8" [1124]	45 3/8" [1150]	47 1/4" [1200]
C	54 5/8" [1387]	55 5/8" [1412]	57 5/8" [1463]
D	57 5/8" [1463]	57 5/8" [1463]	57 5/8" [1463]
E	(2 x C) + F	(2 x C) + F	(2 x C) + F
F**	VARIES	VARIES	VARIES

PARKING REQUIREMENTS & CAR DIMENSIONS

G	H	I	J	K	L	M
62" [1574] + 1 TREAD [762]	30" [762]	48" [1220]	37" [940]	63" [1600]	46" [1169]	12 1/2" [315]

90° Platform Note

FOR 90° ACCESS RAMP SPACE REQUIREMENTS ADD 3" TO DIMENSIONS "B", "C" AND "D" FROM CHARTS. ALSO NOTE LOWER LANDING SPACE REQUIREMENTS AS SHOWN IN TOP VIEW, DIMENSIONS "G" AND "L". 90° ACCESS RAMP ONLY AVAILABLE ON 30" X 41" AND 30" X 48" PLATFORMS.

* - INDICATES DIMENSION MAY VARY +5mm/-10mm

** - IF CENTER WALL OR BANNISTER WIDTH IS GREATER THAN 12" USE 2 HELICAL BENDS.

DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS

Model Carrier®
As manufactured for
Integrity Group Cos., Inc. by
TK Access, LLC.

WheelFlyer™ VERTE™

INCLINED WHEELCHAIR LIFT FOR STAIRWAYS

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.

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.