

# SOLUTIONS AT EVERY LEVEL

CURVED AND STRAIGHT STAIR LIFTS

# HARMAR CONQUERS THE BARRIERS THAT STAIRS CREATE

The stairs we take for granted most of our lives often become the primary reason that seniors or the disabled lose access to different levels or may be forced to move from their home.

Harmar's comprehensive array of solutions are designed to improve accessibility, including our wide range of stair lifts to fit any stair case, for use indoors or out.

## Easy Installation

Stair lifts can be installed in a few hours. Harmar offers a range of stair lifts for curved or straight stairs to fit virtually any staircase.

## No Major Home Renovations Required

Harmar stair lifts are installed on the stair treads without affecting the walls. In most cases, stair lifts are installed on carpet so if you want the lift removed later, there are few signs that it was there.



## Space-Saving Use & Parking

Harmar Stair Lifts are designed to allow space on the staircase for pedestrians. When parked, folding seat, footrest and arms minimize the space used. In fact, Harmar's Pinnacle Stair Lift is the narrowest stair lift made, just 11" when folded!

## Comfort & Convenience

Seating is designed for comfort and safety with a smooth ride, upholstered seats, arm and foot rests, seat belts and simple one-touch controls. Seats swivel at the upper landing for easier entry and exit. And, remote controls let you call the lift to the level you want, when you want it.



## Operates During Power Outages

Harmar Stair Lifts constantly charge when parked at the top and bottom landings. So if an electrical outage occurs, the lift will function multiple times before it needs to be recharged.

## Attractive Appearance

Harmar Stair Lifts offer a range of styles with attractive seating and custom options that enable it to harmonize with home décor.

## Other Specialized Harmar Products for Accessibility



**Vertical Platform Lifts**



**Inclined Platform Lifts**



**Residential Elevators**



**Pool Lifts**



**Vertical Enclosure Lifts**



**Auto Lifts**

*"Staying in their own homes as they age is important to nearly all adults 50+!"\**

\* ©2011 AARP survey of over 29,000 adults age 50+. Reprinted with permission.

# HELIX II Curved Stair Lift

## **New! More Innovation, Design & Functionality**

This next generation Helix II delivers on the promise of more refinement, improved ease of installation, and new features. Helix II handles the curves and angles in a slimmer, sleeker design. The narrow profile mounts closer to the wall, hugging the stairway with tighter bends and flowing radius curves. The ride is ultra smooth—and whisper quiet!

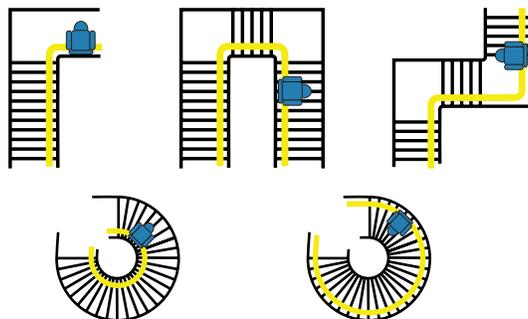
Ergonomically-designed seat and armrests include premium upholstery. The standard manual swivel and fully flip-back arms make entry and exit safer and easier for the user. Standard retractable seat belt maintains the stylish appearance.

Attractive neutral beige or custom color and fabric options available.

- **Narrower profile.** Low profile floor mounts and a narrower chassis tucks closer to the wall, saving space and providing a less intrusive installation.
- **True-Curve Rail.** Next-generation bending technology allows for smooth, precise bends and turns.
- **Smooth, quiet ride.** True-Curve Rail and quiet motor create an extraordinarily smooth ride and amazingly quiet operation.
- **Even easier installation.** Fewer floor bolts, simple-connect rails, and a lighter weight chassis make Helix II easier to install—even by one person.
- **Emergency Stop.** Repositioned safety stop button on the side for easier access.
- **Attractive swivel seating.** Supportive, ergonomic design with integrated, retracting seatbelt and a standard swivel mount.
- **Full-fold armrests.** Improved to allow unimpeded transfer from a wheelchair.
- **Made in the USA.** Proudly American-made with the industry's shortest lead times



## **Versatile rail options handle spiral to narrow turns.**



# PINNACLE Premium Stair Lifts

**The most advanced straight stair lift ever developed.** Engineered to the highest industry standards, Harmar's Pinnacle stair lifts are designed for optimal comfort, convenience and aesthetics. The space-saving Pinnacle folds to just 11," making it the narrowest lift on the market today. And its patented helical worm gear drive generates the smoothest, safest and most energy-efficient ride available.

- Just 11" wide folded—the industry's narrowest
- Patented helical worm drive is smooth, safe and energy-efficient
- DC drive even runs during power interruptions
- Non-handed. Ready to install on either side of the staircase.
- Clean installation and maintenance. No grease or lubricants to apply or clean up
- Patented Folding Rail Option—a first in the industry, it's fully automatic to eliminate obstruction at the stair base.
- Powerful enough to travel up to a 52-degree incline
- Available Signature model with premium contour seat
- Lightweight. The heaviest component is 58 lbs. (26 kg) in a box with convenient carry handles
- 350 lbs. lifting capacity



*Pinnacle Signature (SL600S)*



*Pinnacle Standard Edition (SL600)*



*The energy-efficient patented worm drive requires no greases or lubricants.*



*An industry first, automatic fold design eliminates obstructions at the bottom of the stairway.*



*Safety sensors on carriage and platform stop the lift instantly at obstacles.*

## Pinnacle Heavy Duty (SL600HD)

**Industry leading 600 lbs. capacity.** High-backed, contoured 25" wide seat helps ensure a comfortable and secure ride. Sturdy, stationary armrests and reinforced footrest add stability for safer transfers. Slides out from wall as it swivels at landings for easier entry and exit.

- High capacity seat, arm and footrest frames
- Folding footrest
- Integrated, easy to use constant-pressure controls
- Swivels at landings for entry and exit
- Up to 40-foot travel
- Non-handed for easy installation on right or left side
- 600 lbs. capacity—the industry's best!



*SL600HD with 25" wide seat*

# ALPINE II The Standard for Quality

**Featuring over 20 enhancements on version III!** Alpine's traditional value is now even better, with faster and easier installation thanks to pre-mounted 19" track section. New bolt-mounted end-cap prevents time-consuming overruns. And a host of small details, from upholstery stitching to the plastic components and folding arms, add up in this Alpine upgrade.

Soft Start and Soft Stop moves the rider effortlessly between levels. Alpine's proven rack and pinion drive system continues to offer its high level of safety and dependability.



*Alpine II  
Signature Model*

## Alpine II Standard (RP350)

- Proven Rack and Pinion drive system
- Quiet Drive System with Soft Start and Stop
- DC Drive even runs during power interruptions
- Aesthetic track, finished floor mounts, and integrated charging bases
- Upholstered seat and armrest
- Folding footrest
- Includes two wireless remote controls
- Pre-mounted on 19" track section
- Service-friendly, two-piece chassis cover design
- Easy access to manual back-up
- 300 lbs. capacity

## Alpine II Signature Edition (RP350S)

All the value of standard Alpine II plus:

- Larger ergonomic seat
- Attractive upholstery upgrade with embroidered Alpine II logo
- Folding padded arms



*Alpine II Standard Model*



*Alpine II is delivered  
pre-mounted onto a 19"  
track section for simpler,  
faster installation*

## Outdoor Stair Lift (SL3500D)

**Weather-proofed to withstand the elements.** Harmar's Outdoor Stair Lift is engineered with a durable extruded aluminum track and marine-grade vinyl seating to handle rain, wind, snow, and temperatures from 0° to 125° degrees. Includes header, internal chassis, and large weatherproof covers for even more protection.

- Designed for long-term outdoor use
- Constant-pressure rocker controls
- Operates on standard 115 VAC household current
- Seat and footrest fold to save space
- Seat cushions of exterior marine grade vinyl
- 350 lbs. capacity



*Weatherized Outdoor Model*

# Stair Lift Features

General Specifications	Helix II	Pinnacle / Signature	SL600HD	Alpine II / Signature	SL3500D
<b>Maximum Weight Capacity:</b>	330 lbs. (150 kg)	350 lbs. (160 kg)	600 lbs. (272 kg)	300 lbs. (136.078 kg)	350 lbs. (160 kg)
<b>Motor Output Amps at Rated Load:</b>	15 amps	14 amps	16 amps	20 amps	20 amps
<b>Overspeed Governor:</b>	Yes	Yes	Yes	No	No
<b>Track (rail) Type:</b>	Steel, Powder Coated	Clear Anodized Aluminum	Clear Anodized Aluminum	Extruded Aluminum Natural Finish	Extruded Aluminum
<b>Travel:</b>	16' Standard; 164' Maximum	16' Standard; 70' Maximum (21 m)	16' Standard; 40' Maximum (12.2 m)	16' Standard; 32' Maximum (9.8 m)	16' Standard; 25' Maximum (7.6 m)
<b>Average Number of Return Trips per Charge:</b> (varies with load, length)	10	20 - 40	10 - 20	10 - 20	N/A
<b>Symmetrical Lift:</b> (Ships and installs no handed)	No	Yes	Yes	No	No
<b>Control in Armrest:</b> (left or right hand operation)	Yes	Yes	Yes	Yes	Yes
<b>Need to Open Chassis to Install or Change Sides:</b>	Yes	No	No	Yes	Yes
<b>Lift Mounts to Steps or Wall:</b>	Steps	Steps	Steps	Steps	Steps
<b>Minimum Folded Width:</b>	14.37" (365 mm)	11" (27.9 cm)	17" (43 cm)	15.25" (38.7 cm)	14" (35.5 cm)
<b>Minimum Footrest Height:</b>	5 ½" (140 mm)	3.5" (8.9 cm)	3.6" (9 cm)	8.25" (20.5 cm)	4" (10 cm)
<b>Clear Distance Between Armrests:</b>	20.47" - 23.6" (520 - 600 mm)	19" (48.3 cm)	25" (63.8 cm)	18" (45.7 cm)	19" (48.3 cm)
<b>Floor to Seat Height Low / High:</b>	24" - 26" (610 - 660 mm)	20" / 24.5" (50.8 / 62 cm)	22"	23-26" (58 - 66 cm)	20" - 24" (50.8 cm - 61 cm)
<b>Minimum Wall to Stair Side of Rail:</b>	4.7" (120 mm)	6.5" (16.5 cm)	12" (30.5 cm)	11" (27.9 cm)	10" (25.4 cm)
<b>Seat Depth:</b>	14.96" (380 mm)	16" (40.6 cm)	16" (40.6 cm)	14.5" (36.8 cm) / 16" (40.6 cm)	14" (35.6 cm)
<b>Backrest Height From Top of Seat:</b>	20.47" (520 mm)	18" (45.7 cm)	18" (45.7 cm)	13.5" (34.3 cm) / 18" (45.7 cm)	14" (35.5 cm)
<b>Electrical Requirements:</b>	120V - 220V AC	100V - 240V AC	100V - 240V AC	100V - 240V AC	115V AC
<b>Operation Power:</b>	24V DC Battery	24V DC Battery	24V DC Battery	24V DC Battery	AC
<b>Speed:</b>	25.5 fpm	20 fpm	14 fpm	19 fpm	20 fpm
<b>Incline Range:</b>	72°	27 - 52°*	27 - 52°*	25 - 50°*	30 - 45°
<b>Drive System:</b>	Rack & Pinion Gear	Helical Worm Gear	Helical Worm Drive	Rack & Pinion Gear	Cable Drive
<b>Warranty:</b>	2-Year on Components 1-Year on Batteries	3-Year on Components 10-Year on gear rack 1-Year on Batteries	3-Year on Components 10-Year on Rack 1-Year on Batteries	3-Year on Components 1-Year on Batteries	2-Year on Components 1-Year on Batteries
<b>Safety Devices:</b>	Safety Edges Overspeed Governor Emergency Stop	Centrifugal Overspeed Brake Bi-directional Footrest obstruction Sensor Swivel Seat Cut-off Switch Final Limits Seat Belt Chassis Obstruction Switching	Centrifugal Overspeed Brake Bi-directional Footrest obstruction Sensor Swivel Seat Cut-off Switch Final Limits Seat Belt Chassis Obstruction Switching	Limit Switches Final Limit Switch Footrest Obstruction Switch Swivel Seat Cut-off Switch Constant Pressure Controls Seat Belt	Limit Switches Final Limit Switch Slack Cable Brake w/ Switch Footrest Obstruction Switch Swivel Seat Cut-off Switch Constant Pressure Controls

Harmar stair lifts are designed to meet ANSI/ASME A18.1 Performance Safety Standards when properly installed. While Harmar stair lifts meet national standards, it is imperative to check State and Local code requirements before installing to ensure compliance. Harmar stair lifts should only be installed by a certified, professional Harmar installer. An angle beyond 45 degrees may require a variance to meet ASME A18.1 code.



800-833-0478 | [www.harmar.com](http://www.harmar.com)

© 2013 Harmar 09/20/2013