

QUALITY AT EVERY LEVEL

STRAIGHT STAIR LIFTS

 **Harmar**<sup>®</sup>  
America's Lift Leader™

# CUSTOMERS WANT SOLUTIONS AT HOME. HARMAR DELIVERS.

More than ever, the market for accessibility solutions is booming—literally. The first wave of Baby Boomers are joining the list of seniors who want to remain at home as they age. And, younger Boomers need solutions as they help aging parents in their households.

Harmar's comprehensive range of stair lifts and other residential accessibility products fit virtually every situation and budget. They

are only available through Harmar's professional dealer network to ensure customer peace of mind for installation, service and support.

Remaining at home is not just the preferred choice, the high costs of assisted living also makes it the economical one. Harmar's solutions are valued investments designed to fit a customer's lifestyle and budget.

*"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.

Harmar's accessibility and mobility solutions improve safety and convenience at home. It's a fast-growing market:

- Baby Boomers make up 28% of the American population.\*
- An American turns 50 every 7 seconds—more than 12,500 people every day.\*
- By 2015, those 50+ will represent 45% of the U.S. population.\*\*
- By 2030, the 65+ population will double to about 71.5 million; by 2050 it will grow to 86.7 million.\*
- Of the 72 million U.S. family households, 34 million are Baby Boomer households.\*\*\*

\* U.S. Census \*\*AARP \*\*\*MetLife Mature Market Institute



**Stair Lifts**



**Inclined Platform Lifts**



**Vertical Platform Lifts**



**Elevators**



**Cargo Lifts**



**Dumbwaiters**



**Auto Lifts**



**Portable Ramps**

# HARMAR STAIR LIFTS: VALUE-PACKED, PREMIUM & SPECIAL USE

From our feature-packed standard Alpine to top-of-the-line Pinnacle, Harmar stair lifts are engineered for safety, reliability and value. Indoors or out, basic or heavy-duty, our stair lift solutions help individuals access their home easily and maintain a quality lifestyle.

## **ALPINE** The Standard for Quality

*An exceptional value!* Harmar's Alpine stair lifts offer convenience and reliability at an affordable price. The rack and pinion drive system has a proven track record for a safe, dependable ride. Soft Start and Soft Stop technology moves the rider quietly and effortlessly between levels. And, our upgraded Alpine Signature model offers a higher 350 lbs. capacity plus a premium upholstered seat.

### **Alpine Standard (RP350)**

- 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
- Service-friendly, two-piece chassis cover design
- Easy access to manual back-up
- 300 lbs. capacity



*Alpine Standard*

### **Alpine Signature Edition (RP350S)**

All the value of standard Alpine plus:

- Ergonomic seat with coordinating upholstery
- Folding padded arms
- Higher 350 lbs. capacity



*Alpine Signature Edition*



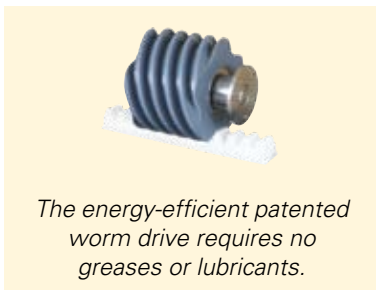
# **PINNACLE** Premium Stair Lift Solutions

*The most advanced stair lift 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.

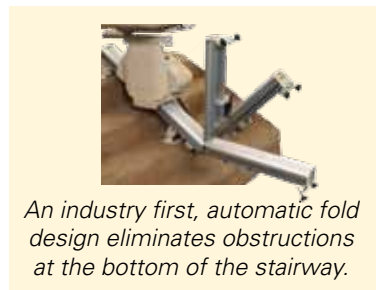
- Just 11" wide folded—the industry's narrowest
- Patented helical worm drive is smooth, safe and energy-efficient
- DC drive even runs during power interruptions
- Non-handed. Ready to install on either side of the staircase.
- Clean installation and maintenance. No grease or lubricants to apply or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



*Pinnacle Standard (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 Signature Edition (SL600S)*

### **Pinnacle Heavy Duty (SL600HD)**

*Industry leading SL600HD offers 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.*

- Up to 40-foot travel
- Contoured 25-inch wide seat
- High capacity seat, arm and footrest frames
- Folding footrest
- Integrated, easy to use constant-pressure controls
- Swivels at landings for entry and exit
- Non-handed for easy installation on right or left side
- 600 lbs. capacity—the industry's best!



*Heavy-duty 600 lbs. capacity!*

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### **Outdoor Model (SL350OD)**

*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 in temperatures
- 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	Pinnacle	Alpine	SL600HD	SL3500D
<b>Gear Output Speed at Rated Load:</b>	102 rpm	30 rpm	66 rpm	N/A
<b>Gear Output Torque at Rated Load:</b>	8.3 lbs. / ft.	49.6 lbs. / ft.	13.4 lbs. / ft.	N/A
<b>Motor Output Amps at Rated Load:</b>	14 amps	20 amps	16 amps	20 amps
<b>Overspeed Governer:</b>	Yes	No	Yes	No
<b>Track (rail) Type:</b>	Clear Anodized Aluminum	Extruded Aluminum Natural Finish	Clear Anodized Aluminum	Extruded Aluminum
<b>Travel:</b>	16' Standard; 70' Maximum (21 m)	16' Standard; 32' Maximum (9.8 m)	16' Standard; 40' Maximum (12.2 m)	16' Standard; 25' Maximum (7.6 m)
<b>Average Number of Return Trips per Charge:</b> (varies with load, length)	20 - 40	10 - 20	10 - 20	N/A
<b>Number of Tools Required to Install:</b>	5	5	5	5
<b>Symmetrical Lift:</b> (Ships and installs no handed)	Yes	No	Yes	No
<b>Control in Armrest:</b> (left or right hand operation)	Yes	Yes	Yes	Yes
<b>Need to Open Chassis to Install or Change Sides:</b>	No	Yes	No	Yes
<b>Lift Mounts to Steps or Wall:</b>	Steps	Steps	Steps	Steps
<b>Minimum Folded Width:</b>	11" (27.9 cm)	15.25" (38.7 cm)	17" (43 cm)	14" (35.5 cm)
<b>Minimum Footrest Height:</b>	3.5" (8.9 cm)	8.25" (20.5 cm)	3.6" (9 cm)	4" (10 cm)
<b>Minimum Swivel Length: (check knees)</b>	26" (66 cm)	25.5" (64.8 cm)	29.7" (75.4 cm)	24.25" (61 cm)
<b>Clear Distance Between Armrests:</b>	19" (48.3 cm)	18" (45.7 cm)	25" (63.8 cm)	19" (48.3 cm)
<b>Floor to Seat Height—Low / High:</b>	20" / 24.5" (50.8 / 62 cm)	23-26" (58 - 66 cm)	22"	20" - 24" (50.8 cm - 61 cm)
<b>Minimum Wall to Stair Side of Rail:</b>	6.5" (16.5 cm)	11" (27.9 cm)	12" (30.5 cm)	10" (25.4 cm)
<b>Seat Depth:</b>	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>	18" (45.7 cm)	13.5" (34.3 cm)	18" (45.7 cm)	14" (35.5 cm)
<b>Maximum Weight Capacity:</b>	350 lbs. (160 kg)	300 lbs. (136 kg)	600 lbs. (272 kg)	350 lbs. (160 kg)
<b>Electrical Requirements:</b>	100V - 240V AC	100V - 240V AC	100V - 240V AC	115V AC
<b>Operation Power:</b>	24V DC Battery	24V DC Battery / AC	24V DC	AC
<b>Speed:</b>	20 fpm	19 fpm	14 fpm	20 fpm
<b>Incline Limits:</b>	27 - 52°*	25 - 50°*	27 - 52°*	30 - 45°
<b>Drive System:</b>	Helical Worm Gear	Rack & Pinion	Helical Worm Drive	Cable Drive
<b>Warranty:</b>	3-Year on Components 10-Year on gear rack 1-Year on Batteries	3-Year on Components 1-Year on Batteries	3-Year on Components 10-Year on Rack 1-Year on Batteries	2-Year on Components 1-Year on Batteries
<b>Safety Devices:</b>	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	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 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 equipped. 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.