



HIGHLANDER

Raising Standards in Accessibility



HIGHLANDER VERTICAL PLATFORM LIFTS



Harmar[®]

America's Lift Leader[™]

COMPREHENSIVE LINE OF VERTICAL LIFTS FOR LEVELS UP TO 14 FEET.

Harmar is the leading manufacturer of innovative accessibility solutions, including our comprehensive line of Highlander Vertical Platform Lifts. They are engineered to be simple to install, easy to operate, and virtually maintenance-free indoors or out. And Harmar offers the support you need to design a VPL that will fit the location and budget.

Advantages of a Vertical Platform Lift

Harmar VPLs provide distinct advantages for safe lifting over architectural barriers. Their small footprint avoids the need for a long ramp or the extensive construction of an elevator.

Six Highlander Models

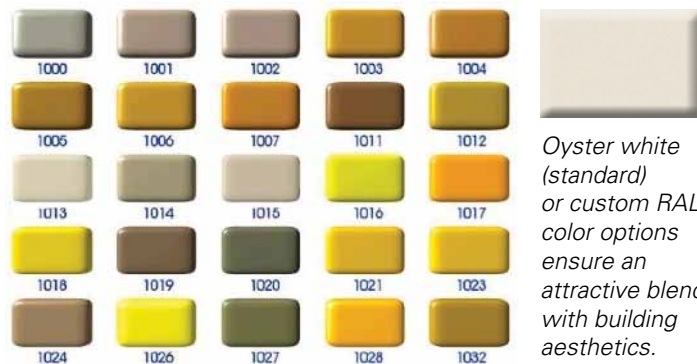
- RPL Residential
- Hydraulic CPL
- CPL Commercial
- Portable VPL
- Enclosed CPL
- Toe Guard VPL

Compliance Standards

Highlander conforms to specifications established by the ASME A18.1—Safety Standard for Platform Lifts. In addition to national standards, be sure to establish the local code requirements prior to ordering or specifying a VPL. Typical drawings can be found at www.arcata.com. Harmar accessibility specialists are available to advise you on ADAAG and ASME/ANSI requirements and help ensure compliance with state and local codes.

Harmar Engineering & Sales Support

Harmar is dedicated to ensuring that you have the products, training, and support that enable you to meet the growing need for accessibility. It's easy to include a Harmar VPL in your application. See www.harmar.com for specifications, visit www.arcata.com, or call for a free copy of Harmar's *Highlander VPL Planning Guide*.



ARCAT[®]

www.arcata.com, search "Harmar"



SpecWizard – Select and configure your Highlander VPL, assemble custom Harmar architectural specifications, and download all online!



Specs – Download standardized Harmar architectural specifications in the CSI 3-part format.



CAD – Instantly view and download dozens of Typical Drawings available for all Harmar Accessibility products.



E-Catalog – View Harmar's latest online Accessibility Solutions E-Catalog.

RPL Residential Platform Lift Compact 4' to 6' Lifting Heights

A safe, smooth and economical access solution for raised entries, porches or short decks, Highlander RPL lifts feature a top-mounted motor and electrical box to simplify servicing and protect from standing water.

- Small footprint fits renovations more easily
- Non-skid 36" x 48" platform
- Auto folding ramp
- Solid 36" high guard panels
- Constant-pressure paddle switch; emergency stop button
- Safety sensors stop lift at obstructions
- Electromechanical interlock gate releases only at landing
- Code-compliant ASME A18.1; ETL listed
- Rated load: 600 lbs.

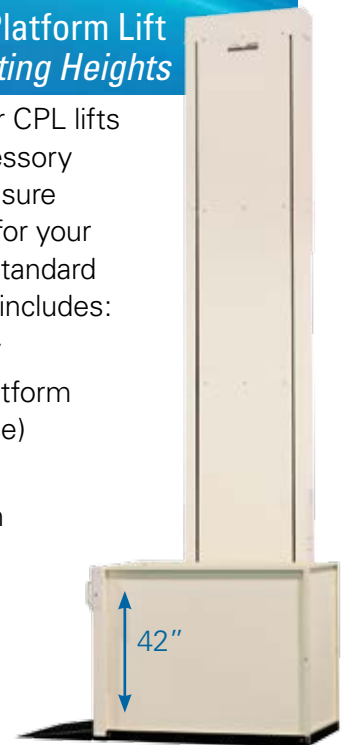


RPL600

CPL Commercial Platform Lift Versatile 4' to 14' Lifting Heights

Feature-rich Highlander CPL lifts have an extensive accessory portfolio available to ensure the best and safest fit for your project. In addition to Standard RPL features, the CPL includes:

- Non-skid 36" x 54" straight-through platform (other sizes available)
- Three-stop capable
- 90-degree platform available
- Fixed ramp (auto-folding available)
- Solid 42" high guard panels
- Platform Gate (optional)
- Custom colors and Outdoor Package available
- Rated load: 750 lbs.



CPL1400



CPL1000 with optional platform and landing gate

Consult the Highlander Planning Guide for more information about these features.



*EPL1400 with optional Acrylic panels and
VPL150 Outdoor Package*



*EPL400 with
Standard Steel Panels*

Enclosed CPL

Self-contained VPL with up to 14' Rise

With factory-enclosed walls, integrated doors and gates, a choice of drive options, platform sizes, plus an extensive accessory portfolio, the Highlander Enclosed CPL is an easy and cost-effective accessibility solution suitable for indoor or outdoor installations. In addition to Standard CPL features, these options are available for Enclosed model:

- Power Door Operators
- Acrylic Panels for Door and Tower
- Exterior Acrylic Dome Roof, extending 6' 8" above the Upper Landing
- Power Ventilation system
- In-Frame Call Station
- Up to Three Stops
- Straight-through and 90-degree configurations
- Rated load: 750 lbs.



*Shown with EPL020 Acrylic panels
and VPL150 Outdoor Package*



Shown with EPL025 Ventilation System

All NEW Aluminum Enclosed CPL - Summer 2013!

Hydraulic CPL

Amazingly Quiet & Smooth

Pure power without the noise, Highlander Hydraulic CPL ensures a whisper-quiet descent. Smooth travel with automatic over/under correction provides an even transition from platform to landing.

- Roped hydraulic drive
- 115 VAC 20a grounded circuit; 220 VAC optional
- Battery-powered 24 volt DC with continuous charging to work during power failures.
- Isolator mounting for hydraulic power pack ensures quiet operation; optional remote mounting for absolute quiet (accessories required).
- Automatic over/under travel correction between platform and landing
- Easily permits multiple floor stops
- Optional PLC for monitoring and diagnostics
- Optional service alert system
- Optional automatic door openers
- Rated load: 750 lbs.



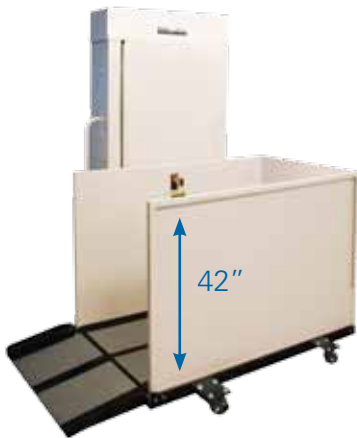
CPL1400H Hydraulic CPL with Custom Color

Portable VPL

Wheeled Unit Offers Site Flexibility

Four removable caster wheels allow the Highlander Portable VPL to move to different entries—especially convenient for facilities such as schools or churches. 4' to 6' lifting.

- Non-skid platform with folding ramp
- Solid 42" high guard panels
- Constant-pressure paddle switch; emergency stop button
- Safety sensors stop lift at obstructions
- Electromechanical interlocking gate releases only at upper landing
- Optional frame or surface-mounted controls; optional key switch
- Code-compliant ASME A18.1; ETL listed
- Rated load: 750 lbs.



CPL400P Portable VPL

Toe Guard VPL

Secure, Free-Standing Unit

Highlander Toe Guard's stationary lower landing walls and gate shield the vertical platform lift inside. As a self-contained VPL, Toe Guard needs only minimal construction and meets ADA standards without requiring a hoistway. It's ideal for existing sites, where major construction is not an option. Maximum lifting height: 53."

- 36"x 60" inside clear platform
- Straight- thru configuration.
- Interlocks prevent gate from opening until landing level
- Top landing accommodates a 42" gate, fire door, RDI interlock or flush strike.
- Code-compliant ASME A18.1; ETL listed
- Rated load: 750 lbs.



TG400 Toe Guard VPL

Specifications

	Commercial VPL / Enclosure	Residential VPL	Toe Guard VPL
Lifting Height:	CPL / EPL400 53"	RPL400 53"	TG400 53"
	CPL / EPL600 77"	RPL600 77"	
	CPL / EPL800 101"		
	CPL / EPL1000 125"		
	CPL / EPL1200 149"		
	CPL / EPL1400 171"		
Rated Load:	750 lbs.	600 lbs.	750 lbs.
Drive:	Belt driven ball screw/90 VDC ½ hp motor with brake. Optional 24 VDC battery powered unit	Belt driven Acme screw/90 VDC ½ hp motor. Optional 24 VDC battery powered unit	Belt-driven ball screw / 90 VDC, ½ hp motor with brake. Optional 24 VDC battery-powered unit
Power:	115 VAC 20a. grounded circuit 220 VAC Optional	115 VAC-20a. grounded circuit 220 VAC Optional	115 VAC 20a. grounded circuit 220 VAC Optional
Control Circuit:	24 VAC (Low Voltage Controls)	24 VAC (Low Voltage Controls)	24 VAC (Low Voltage Controls)
Standard Platform:	36" x 54" with 42" high guard panels and grab rail, stationary ramp / 36" x 60" with 42" high guard panels	36" x 48" w/ 36" high guard panels and automatic folding ramp	36" x 60" inside clear platform; straight- thru configuration
Footprint:	50" x 54" / 54" x 65"	50" x 70"	57" x 68"
Speed:	10 fpm	10 fpm	10 fpm
Controls:	Constant pressure paddle switch w/ emergency stop (key switch optional)	Rocker switch w/ emergency stop (key switch optional)	Constant pressure paddle switch w/ emergency stop (key switch optional)
Manual Lowering:	Standard	Standard	Standard
Safety Design:	ASME A18.1, Section 2 - Vertical Platform Lifts	ASME A18.1, Section 5 - Private Residence Vertical Platform Lifts	ASME A18.1, Section 2 - Vertical Platform Lifts
Standards: ETL Listed 3148125	CSA B44.1/ASME A17.5 - Elevator & Escalator Equipment	CSA B44.1/ASME A17.5 - Elevator & Escalator Equipment	CSA B44.1/ASME A17.5 - Elevator & Escalator Equipment
Safety Features:	Safety pan, (optional on EPL) final limit, ball nut safety backup, belt monitor and non-skid surface	Safety pan, final limit, Acme safety nut with monitor, and non-skid surface	Final limit, Ball nut safety backup, Non-skid surface. Interlocks prevent gate from opening until at landing level; Top landing accommodates a 42" gate, fire door, RDI interlock or flush strike
Warranty:	2-year parts (1-year outdoors)	1-year parts	2-year parts

Portable VPL	
Lifting Height:	CPL400P 53", CPL600P 77"
Rated Load:	750 lbs.
Convenience:	4 Caster Wheels Automatic folding ramp
Standard Platform:	36" x 54" platform with 42" high guard panels
Safety Features:	Constant pressure paddle switch with E-stop; Platform gate on exit side
Warranty:	2-year parts

Harmar Vertical Platform Lifts are designed to meet ASME A18.1 Safety Standards when properly equipped. While Harmar VPLs meet national standards, it is imperative to check State and Local code requirements before installing to ensure compliance. All State and Local compliance is the responsibility of the purchaser. Some states may require fees for site preparation and permits. Harmar VPLs should only be installed by a certified, professional Harmar installer. If the VPL is installed by any other means, the purchaser and installer assume responsibility for issues that may arise involving improper installation.

Hydraulic CPL		CPL400H to CPL1400H
Lifting Height:		53" to 171"
Rated Load:		750 lbs.
Drive:		Roped hydraulic
Power:		115 VAC 20a. grounded circuit 220 VAC Optional
Speed:		19 fpm
Convenience:		Quiet operation; optional remote mounting
Safety Features:		Constant pressure paddle switch with E-stop; Electromechanical interlock gate releases only at landing; Automatic over/under travel correction between platform and landing
Warranty:		2-year parts (1-year outdoors)



800-833-0478 | www.harmar.com



© 2013 Harmar 05/13/2013