

# DRAPER

## Lifts for Projectors and FlatScreen Displays

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*Projector Lifts*

*FlatScreen Lifts*

*Lift Controls*

*Conceal/Reveal  
Range of Products*



*Draper Scissor Lift & Access/ Series V Projection Screen at PIPAC Centre on the Lake, Cedar Falls, IA  
Architect: Andersen Holst Trost Svoboda Architects, Waterloo, IA, Vander Werf Photography, Inc., Waterloo, IA*

**1-800-989-0117 [www.draperinc.com](http://www.draperinc.com)**

### **Specifications**

- 3-part specifications
- Short form specifications

### **Drawings**

- CADs & PDF detail drawings
- BIM objects
- Google SketchUp 3D models

### **Continuing Education**

- Three AIA CEU courses available online or at your location

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*Draper lifts for projectors and flatscreen displays are part of our Conceal/Reveal range of products which also includes projection screens, window shades and flatscreen covers. Draper Conceal/Reveal products are technology that's never in your way! See back page of this ad for additional information.*

# Draper Lifts for Projectors

Draper's Conceal/Reveal range of products includes the most sophisticated, comprehensive and functional line of lifts and mounts for video projectors and flatscreen displays. Seven different models of motorized projector lifts are designed to conceal your projector above the ceiling, and reveal it by lowering it into the "show" position, either at the ceiling line or further into the room.

## Descending Into The Room: Scissor Lift, MPL & AeroLift

If your application demands that the projector be lowered from ceiling height down into the room, typical in larger rooms and auditoriums, Draper's innovative projector lifts are the answer. When you couple Draper's superior manufacturing processes and industry leading designs, the result is a quality projector lift that will perform well without compromising aesthetics. With a range of adjustability in "show position" up to 17', based on model, Draper lifts are well suited for any situation.



### Scissor Lift

Draper's Scissor Lift will retract your projector to ceiling level or above, then lower it to the exact projection and service positions you require. Draper factory sets all three positions—"store", "show" and "service"—to your specifications, and adjustments are easy after installation. A patented design with scissors on the left, right and back sides of the unit stabilize the projector from any sway both laterally and front-to-back. Each lift is equipped with a fail-safe inertial safety belt system, and a cable management system that includes a pre-wired power cable on the back scissor, bringing 115V power right to your projector. Visit [www.draperinc.com/go/ScissorLift.htm](http://www.draperinc.com/go/ScissorLift.htm) today.

### Micro Projector Lift

The UL Listed Micro Projector Lift (MPL) is small and convenient, just like the projectors it is designed to accommodate. Weighing only 35 pounds, it can be installed in an existing 2' x 2' ceiling opening without disturbing the ceiling framework. The projector's "show" position can be set at any point with infinite adjustability, up to 48" extension. The Micro Projector Lift utilizes the same exclusive 3-scissor design as Draper's popular Scissor Lift, but features a compact side-folding scissor. The load is lifted by two 1" wide Kevlar® straps. Safety belt provides extra protection. For more information visit [www.draperinc.com/go/MPL.htm](http://www.draperinc.com/go/MPL.htm)



### AeroLift

Three models that lift up to 25, 50 or 150 lbs. AeroLifts utilize rugged black flexible fabric panels to raise and lower the projector, offering a very different look than the mechanical appearance of scissor lifts. All three models are powered by strong tubular motors for a simplified design, and feature a stabilizing arm which can be used for cable management. Built-in adjustability allows you to deal with job site conditions quickly and easily, like slightly out of square or irregularly spaced joists. Projector can be mounted flush to bottom pan, or with Low Profile Mount. Universal Bracket enables instant registration of projected image. Visit [www.draperinc.com/go/Aerolift.htm](http://www.draperinc.com/go/Aerolift.htm)

## FlatScreen Lift

### Hides FlatScreen Within Your Cabinetry

Draper is pleased to offer the most versatile FlatScreen Lift on the market today, allowing you to conceal a display inside your own cabinetry, and reveal it at "showtime" with smooth acceleration and braking. Available in three sizes: *FSL-F-42* for display sizes up to 42", *FSL-F-50* for display sizes up to 50", and *FSL-F-65* for display sizes up to 65". Unlike the competition's rack-and-pinion designs, the Draper FlatScreen Lift boasts an extension height of up to 2.5 times its stored height, while requiring an internal cabinet size of only 2" greater than the height of the lift. Visit [www.draperinc.com/go/FlatScreenLift.htm](http://www.draperinc.com/go/FlatScreenLift.htm) for more information.



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### Choosing a Projector Lift: Six Important Questions

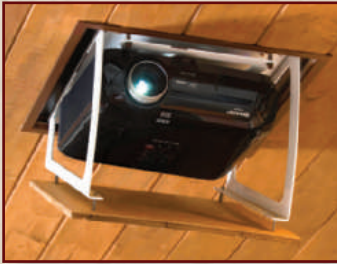
Draper projector lifts offer the innovation, modern designs and range of functionality to fit any room or auditorium. The questions below will help guide you to the perfect Draper lift solution.

- How large is the projector you are using? All Draper lifts are made to fit a specific size range of projectors.
- How far does the projector need to descend into the room? Several Draper lifts place the projector just below the ceiling line while others can descend a long distance.
- How much space above the ceiling is available? 24" of space allows many different lift options. If your installation requires Environmental Air Space housing, verify that the lift you choose will fit into that space.
- Is the available space above the ceiling an Environmental Air Space? If so, then you would need to select a lift with an Environmental Air Space housing option.
- Does the lift have to fit within a 2' x 2' ceiling grid spacing? If this is a concern, Draper offers several lifts that are designed with this in mind.
- What type of ceiling – acoustical tile or drywall? A ceiling access door is highly recommended when installing in drywall type ceilings.

## At Ceiling Height: Phantom, Orbiter, Revelation & LCD Lift

No matter what your application demands, Draper has an innovative projector lift solution. When the need requires that the projector be positioned above, at or just below ceiling height Draper offers designs which never compromise the aesthetics of your space while providing a range of operation methods. For more information visit: [www.draperinc.com/go/LiftsMounts.htm](http://www.draperinc.com/go/LiftsMounts.htm)

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### Phantom

The Phantom is a uniquely clever alternative to other projector lifts. It quickly and quietly pivots the projector out of the ceiling and into the "show" position at the touch of a switch or wireless transmitter. When activated, a trapdoor lowers the projector into your room using a precision actuator. The projector is easily aligned during installation to provide a direct light path onto the screen. The Phantom is supplied with a universal bracket that allows for easy attachment of a variety of projector models and a ceiling closure panel. Two models to choose from, as determined by size of projector. Visit [www.draperinc.com/go/Phantom.htm](http://www.draperinc.com/go/Phantom.htm)

### Orbiter

Ingenious design allows the Orbiter to fit in small ceiling spaces, rotating into "show" position at the touch of a switch or wireless transmitter. The Orbiter is supplied with a universal bracket that allows for easy attachment of a variety of projector models and a ceiling closure panel. Two Orbiter models to choose from, as determined by size of projector. Optionally install in a tabletop or wall, or add the angled ceiling adapter to install the Orbiter into angled ceilings. Visit [www.draperinc.com/go/Orbiter.htm](http://www.draperinc.com/go/Orbiter.htm)



### Revelation

The Revelation is totally different from traditional projector lifts and mounts because the projector itself never moves. The projector—and its noise—remain above the ceiling at all times. The image from the projector is reflected off two first surface mirrors and onto the screen. Available in two models. Both can be installed to match a ceiling grid, or used with reveal-style grid ceilings. Together, these two models accommodate a wide variety of LCD/DLP projectors, including those with offset lenses. Visit [www.draperinc.com/go/Revelation.htm](http://www.draperinc.com/go/Revelation.htm) today.

### LCD Lift

Bomb bay doors and a slim cross-section distinguish the LCD Lift. Most popular projectors fit easily inside this lift, which is available in two sizes. Bomb bay style closure doors are standard, but flat ceiling closure panel is also available. Environmental Air Space housing comes standard as well. Contains internal switched duplex receptacle, 115V, which is powered when the unit is fully down. The LCD Lift contains an innovative current sensor that delays closing of the unit until the projector lamp has shut off. Lifting capacity 65 lbs. Visit [www.draperinc.com/go/LCDLift.htm](http://www.draperinc.com/go/LCDLift.htm) for more details.



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### Projector Lifts Protect Valuable Assets for Schools & Businesses

Draper lifts offer a great solution for projector security. When the projector is not in use it is safely tucked away above the classroom or boardroom ceiling and out of sight. Access to a lift mounted projector is protected, especially when lift controls are secure as well. Draper offers key controlled wall switches to limit unauthorized use by students or others, offering the needed security for your projector investment.

### Draper's Controls Make the Difference

Draper offers a wide range of cutting edge control options for our projector lift products. Whether your control needs require IR, RF or even integration with an existing system, Draper controls mean quality and reliability.





# What Have You Got To Hide?<sup>SM</sup>

## Draper's Projector and FlatScreen Lifts— Just Part of Our Conceal/Reveal Range of Products

Draper's Conceal/Reveal range of products includes projector lifts, flatscreen lifts, projection screens, window shades and other products which remain hidden while not in use, then are quickly and quietly revealed when needed. It's technology that's never in your way! For full details visit [www.draperinc.com/go/RevealConceal.htm](http://www.draperinc.com/go/RevealConceal.htm)

### Projector and FlatScreen Lifts

Draper's industry-leading Projector and FlatScreen Lifts perform a vanishing act on unsightly audiovisual equipment when not in use, and elegantly deliver your presentation on command. Conceal/Reveal lifts hide unobtrusively in available ceiling, wall or cabinet spaces, concealing your projector or flatscreen. Easily controlled by remote control, wall switch or integrated into your control system. Numerous control options are available. See pages 2-3 for more details, or see below for list of available models.



### Projection Screens

Reach for the pinnacle of projection screen technology with Draper's Conceal/Reveal projection screens. Available in 10 motorized and manual screen models. Conceal/Reveal projection screens are virtually invisible when not use, retracting into streamlined ceiling-recessed cases which never detract from the beauty of a well-designed room. Motorized Conceal/Reveal projection screens can be easily controlled by remote control, wall switch or integrated into your control system. Numerous control options are available. See below for list of available models.

### Window Shades

Window shades reduce light and glare, provide privacy, and increase energy efficiency. When it's time for an audio/visual presentation, they block exterior light for optimal viewing. Motorized Conceal/Reveal window shades can be ceiling- or wall-recessed, providing the ultimate modern design for your boardroom. Easily controlled by remote control, wall switch or integrated into your control system. Numerous control options are available. See below for list of available models.



## Conceal Reveal Models Include:

### Projector Lifts

- Micro Projector Lift
- Scissor Lift
- LCD Lift
- Revelation
- Aero Lift
- Orbiter
- Phantom

### FlatScreen Lifts

### Motorized Projection Screens

- Signature/Series E
- Access/Series E
- Ultimate Access/Series E
- Access MultiView/Series E
- Signature/Series V
- Access/Series V
- Ultimate Access/Series V
- Access MultiView/Series V

### Manual Projection Screens

- Apex
- Access/Series M

### Window Shades

- Access FlexShades
- Access Dual Roller FlexShades
- Ultimate Access FlexShades

### Fine Art for FlatScreens

### TorkStar—Utility Line Set

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