

# SVS LIFT FEATURES & BENEFITS



## SVS LIFT FEATURES & BENEFITS (Apply To All SVS Scissors Lifts)

FEATURES	BENEFITS
■ Ceiling-to-Floor Access	1-person operation for service & maintenance calls. Safe work height for personal safety, saving time and money. No scaffold or other equipment needed for access.
■ Precision Grooved Drum	Accurate, level tracking for consistent screen images
■ Quiet Strong Motors	Extremely quiet for meetings and presentations. Lifts virtually any A/V equipment.
■ Versatile	Adapts easily for use with projectors, speakers and other equipment.
■ Redundant Limit Switches	Secure motor shutdown for safety
■ USA Patented lift & Drum Lock	Confidence in using a patented fail safe product-insures safety in the event of mechanical failure. 100% safety record after 20 years in manufacturing.
■ Storage, Show, Service Positions	Projectors/AV equipment can easily be: 1. Aesthetically stored about the ceiling for security 2. Automatically positioned for showing/operation 3. Easily lowered to floor level for access.
■ Quality Products	Quality, Value, long-lasting products are built by people who have pride in their accomplishments.
■ Cable Management Systems	Keeps cables and other cords securely out of the way of normal operation
■ Key Switch Control Box	Easy operation from conveniently mounted location (supplied with 75' of cable). Easily integrates with other controllers
■ Superior Product Design	Insures unique scissor stability, even when lowering 30+ feet.

## ARCHITECTURAL SPECIFICATIONS

■ Lowers from ceiling to 3' above the floor for servicing ■ Low voltage control with switch control ■ Dual power relays with solid state motor control capable of breaking both sides of the AC line to motor ■ Security key switch for an authorized person to lower the lift to the floor ■ Show position adjustable anywhere from the top limit to the lower limit of the lift with accuracy of +/-1/8" ■ Low voltage control delay between direction changes of motor ■ Protective circuit so only one direction can be activated at any time, with the other direction locked out if an additional command is sent from an external source ■ All steel construction except for the drum lock pawl, which is made of nylon for quiet operation ■ UL approved gear motor with a magnetic brake ■ Drive to the lifting drum is heavy No. 40 steel chain for safety ■ Output sprocket is welded directly to the cable drum – no keyways ■ Cable drum equipped with a fail-safe drum lock that keeps the drum locked in an mode of operation ■ Drum lock uses a low voltage solenoid to release on the down command with a nylon pawl that can override and turn the motor off in case the drum exceeds the speed of the gear motor ■ Applicable to all scissor lift models (not applicable on LCD-1, ES12P, Mini 4 , M2X & display lifts)

## EARTHQUAKES AND OTHER STRENUOUS ENVIRONMENTS

All SVS electrical scissor lifts are safe to use in an earthquake or other strenuous environments and far exceed the safety factor of manual brackets installed at the center post. On an SVS lift, the projector weight is suspended by two 3/16" steel cables capable of supporting 1780 lbs each. All lifting or stress areas have hardened 3/8" bolts with a very high shear strength. The eye bolts for the cable are secured by hardened flange nuts and backed by a jam nut. The cables are flexible and the scissor stabilizers are secured by hardened bolts. All lifts have the drum lock system which insures fail-safe lowering of the projector in all modes. SVS lifts require a heavy iron mounting system for greater stability when subjected to violent shaking. Applicable to all scissor lift models.

## FACTORY WARRANTY

SVS scissor lifts and Electronic Accessories carry a five-year-parts and a 90 day factory labor warranty. LCD-1, ES12P Lifts, Plasma One Lifts, all Lift motors and Non-Electronic Accessories (not applicable on custom made items) carry a one year-parts and a 90 day factory labor warranty. For specific accessories, please refer to the model warranty sheet. Specifications and illustrations are based on the information available at the time of publication. The right is reserved to make changes in specifications, materials, models and appearance or to discontinue models at any time without notice- applicable to all products.