Liftgard®

Product Guide

Liftgard® Lift Table Covers
PB0000001
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Welcome

Thank you for choosing Dynatect as your solution partner. We are excited to share our application knowledge to help maximize your smooth installation, safety in operation, and long life of the product. Please read this guide before installing or operating the equipment. Please store this guide so that it can be used again for future adjustment or maintenance. We appreciate your business and the confidence you have placed in us.
Please contact us if we can be of further assistance: 262-786-1500 or sales@dynatect.com

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The guidelines and procedures in this book are published in good faith and have been checked for accuracy; however no warranties, either expressed or implied, are made; nor are successful results guaranteed. The author and editors do not take any responsibility for human error, typographical mistakes, or variations in individual work. Nor shall they be liable for special, consequential, or exemplary damages resulting, in whole or part, from the reader’s utilization of, or reliance upon, this material. The reader is expressly warned to consider and adopt all safety precautions and activities presented herein to avoid potential hazards and liabilities. By following the instructions and guidelines contained herein, the reader willingly assumes all risks in connection with these instructions and guidelines.
Application Overview

The Liftgard is designed to cover scissors and/or lift tables. Its innovative cost-effective design provides significant advantages over the traditional stitched covers that utilize steel rods which must be inserted into the fabric. Precision engineered aluminum extrusions are shaped to provide structure and strength to a durable, folded material. The standard design is equipped with vented corners and a zipper, however, the design can be modified as needed for moisture concerns.

Features / Benefits:
- Reduces assembly time and freight cost – Pre assembled covers are folded for shipping, then easily unfolded for assembly; this reduces assembly time by eliminating the need to insert steel rods.
- Smooth operation – The corners are optimized to accommodate rapidly rising and descending lifts.
- Strong structure without steel rods – The aluminum frame provides a stiffer, more supportive structure than typical steel rod configurations as well as eliminating potentially rusty metal rods from protruding from the cover end.

Safety Notices

<table>
<thead>
<tr>
<th>Type</th>
<th>Symbols Used</th>
<th>Definition</th>
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<tbody>
<tr>
<td>Caution</td>
<td><img src="image" alt="Caution" /></td>
<td>Caution means that if the precaution is not taken, the action may cause a minor or moderate injury</td>
</tr>
<tr>
<td>Warning</td>
<td><img src="image" alt="Warning" /></td>
<td>Warning means that if the warning is not heeded, the action can cause death or serious injury.</td>
</tr>
<tr>
<td>Danger</td>
<td><img src="image" alt="Danger" /></td>
<td>Danger means that if the danger is not avoided, the action will cause death or serious injury.</td>
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DANGER

⚠️ Personnel should never be on or under the unit during installation or removal of the Liftgard assembly.
⚠️ Failure to follow these instructions may result in death or serious injury.

CAUTION

⚠️ Once the cover is installed and the power restored to the unit, the cover should be cycled several times before any lift is allowed to be used for production.

Tools Required

Any power or hand tools used to attach a Liftgard are solely the responsibility of the customer.

Warning

⚠️ WARNING - Wear proper eye protection during the uncrating, assembly, and removal process to avoid potential eye injury.

Fasteners Required

Fastening the Liftgard with mechanical fasteners is based on manufacturer’s lift design. Liftgards are designed to be attached with mechanical fasteners every 8 to 12 inches. The Liftgard top PVC collar/flange strips aid in the attachment process. All fasteners must penetrate the PVC strip for a strong connection.
Installation Of Unit

Step 1 – Unpack

a) Unpack and carefully lay flat the Liftgard unit. When unpacking, be careful not to tear the fabric and/or other components.

Step 2 – Lift Preparation

a) Raise lift to specified maximum raised height.
   b) Turn off or disconnect any power source to the lift.
   c) Remove existing protection unit from the lift and discard.
   d) Predetermine and create mounting holes in the lift with 8 to 12 inch centers in the area to attach the Liftgard.

Step 3 – Installing Liftgard Bellows

a) Unzip Liftgard unit. It may need to be raised for ease of unzipping.
   b) Separate and wrap Liftgard around lift base.
   c) Raise bellows to re-zip bellows.
   d) Repower and lower lift so the table top is roughly 6” above the collapsed bellows on floor.
   e) Raise bellows top Collar/Flange and align to the table top area where the bellows will be secured to.

Step 4 – Attaching Liftgard to Lift Table Top

a) Using the supplied PVC strip on the top Collar/Flange of the bellows, transfer mounting locations to the PVC strips.
   b) Drill/punch holes through the PVC strip based on mechanical faster clearance diameter being used.
   c) Attach bellows with mechanical fasters of choice e.g., self-tapping screws, bolt/washer/nut, rivets.

Step 5 – Attaching Liftgard to Lift Table Bottom Frame/Floor

a) Raise lift to specified maximum raised height.
   b) Using the supplied PVC strip on the bottom Collar/Flange of the bellows, transfer any mounting locations to the PVC strips.
   c) Drill/punch holes through the PVC strip based on mechanical faster clearance diameter being used.
   d) Attach bellows with mechanical fasters of choice e.g., self-tapping screws, bolt/washer/nut, rivets.

Step 6 – Preparing lift for production

a) Turn off or disconnect any power source to the lift.
   b) Located lift to designated area for production use.
   c) Repower lift.
   d) Cycle Liftgard up and down to determine proper movement and protection.
Preventive Maintenance

a) Liftgard cover procedures
Adhering to these procedures will significantly prolong the life and increase the performance of Liftgard bellows. It should be noted that these are general procedures. The schedules may need to be adjusted in situations where harsh environments are present.

b) Daily Inspection and cleaning
Liftgard covers should be inspected daily for tears and/or other damage to outside surfaces. If any such imperfections exist that may hinder proper performance of the cover, the cover should be removed and repaired/replaced. Debris should be removed at the end of each shift. Wiping or brushing off is recommended. Do not use an air hose to remove sharp debris, this may cause tearing or punctures in the fabric.

Return Procedures

A return authorization request number can be secured by contacting a sales representative or Dynatect directly at 262-786-1500.
Company Information

Dynatect Manufacturing, formerly known as A&A Manufacturing®, has over 70 years of experience in dynamic equipment protection manufacturing.

Headquartered in New Berlin, Wisconsin, Dynatect designs and manufactures a complete line of components to protect equipment and people. Products can be manufactured from metals, elastomer-coated fabric, rubber, polyurethane and engineered plastics. Our products include protective covers, cable and hose carriers, elastomer components, mechanical motion control. With tens of thousands of worldwide clients, and a library of more than 500,000 customized products, Dynatect has the broadest product offering to solve applications.

Our global coverage includes 5 manufacturing plants and 2 distribution locations. Our growth has been driven by our focus on manufacturing quality products and finding innovative and practical solutions that are valued by our customers. We rely on a commitment to continuous improvement, engineering innovation and manufacturing excellence to ensure a dynamic future.

Whether you need a simple off-the-shelf component, an engineered assembly, or a turnkey solution, Dynatect has the capabilities. Our knowledgeable customer service and sales people, including a network of sales representatives, can help you define how Dynatect can design and deliver exactly what you need to keep moving forward.

If you’re looking for a functional solution, you’ve found the perfect partner in Dynatect®.