

Erickson 59136

Erickson 59136 Ratcheting E-Track Logistic Strap User Manual

1. PRODUCT OVERVIEW

The Erickson 59136 Ratcheting E-Track Logistic Strap is a heavy-duty cargo securement device designed for use with E-track systems in enclosed trailers and vans. This strap measures 2 inches in width and 12 feet in length, providing substantial reach for various cargo sizes. It features a robust ratcheting mechanism for tightening and E-fittings on both ends for quick and secure attachment to E-track rails. The strap is engineered to safely secure loads with a maximum load capacity of 3500 pounds and a Working Load Limit (WLL) of 1166 pounds.



Image 1.1: The Erickson 59136 Ratcheting E-Track Logistic Strap, unrolled and ready for use.

2. PRODUCT FEATURES

- **Dimensions:** 2 inches wide by 12 feet long.
- **Load Capacity:** 3500 pounds (maximum breaking strength).
- **Working Load Limit (WLL):** 1166 pounds (safe working load).
- **Attachment:** E-fitting ends for secure connection to E-track systems.
- **Mechanism:** Ratcheting system for efficient tensioning and secure cargo hold.
- **Material:** Durable polyester webbing and stainless steel fasteners.

3. SETUP AND INSTALLATION

This logistic strap is designed for use with E-track systems (not included). Ensure your trailer or van is equipped with properly installed E-track rails on the walls or floor where cargo securement is needed.

1. **Inspect E-Track:** Verify that the E-track rails are clean, free of obstructions, and securely mounted to the vehicle structure.
2. **Attach E-Fittings:** Insert the E-fitting end of the strap into an E-track slot. Push the fitting firmly until it clicks into place, indicating a secure lock. Gently pull on the strap to confirm the connection.
3. **Position Strap:** Route the strap over or around the cargo you intend to secure. Ensure the strap lies flat against the cargo and is not twisted.
4. **Connect Second E-Fitting:** Attach the other E-fitting end of the strap to another E-track slot, ensuring it is positioned to allow for proper tensioning with the ratchet.



Image 3.1: The E-fitting end of the strap securely connected to an E-track rail, holding cargo in place.

4. OPERATING INSTRUCTIONS

Once both E-fittings are securely attached and the strap is positioned, use the ratcheting mechanism to apply tension.

- Thread the Strap:** Feed the loose end of the strap through the slot in the ratchet spindle.
- Remove Slack:** Pull the loose end of the strap through the ratchet until most of the slack is removed and the strap is snug against the cargo.
- Ratcheting to Tighten:** Operate the ratchet handle by moving it back and forth. This action will wind the strap onto the spindle, increasing tension. Continue ratcheting until the cargo is securely held and cannot shift. Do not overtighten, as this can damage the cargo or the strap.
- Lock the Ratchet:** Once the desired tension is achieved, push the ratchet handle fully closed until it locks into place. This prevents accidental release during transport.
- Releasing the Strap:** To release tension, pull the release lever on the ratchet mechanism. This will allow the ratchet to open fully, unwinding the strap from the spindle. Carefully remove the E-fittings from the E-track.



Image 4.1: An E-track strap securing a vehicle tire, demonstrating proper application of the system.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your logistic strap.

- Inspection:** Before each use, inspect the entire strap for cuts, fraying, excessive wear, or chemical damage. Check the E-fittings and ratchet mechanism for bends, cracks, corrosion, or deformation. Do not use damaged straps.
- Cleaning:** Clean the strap with mild soap and water if it becomes dirty. Allow it to air dry completely before storage. Avoid harsh chemicals that could degrade the polyester webbing.
- Lubrication:** Periodically apply a light lubricant to the moving parts of the ratchet mechanism to ensure smooth operation.
- Storage:** Store straps in a dry, cool place away from direct sunlight and harsh chemicals when not in use.

6. SAFETY GUIDELINES

Adhering to safety guidelines is crucial when using cargo securement straps.

- **Do Not Exceed WLL:** Never exceed the Working Load Limit (WLL) of 1166 pounds. The WLL is the maximum weight that can be safely secured.
- **Proper Securement:** Always use enough straps to adequately secure the load. Distribute tension evenly.
- **Protect Straps:** Use corner protectors or padding to prevent the strap from rubbing against sharp edges of cargo, which can cause cuts and fraying.
- **Regular Checks:** During transit, periodically check the tension of the straps and the security of the E-fittings, especially after the first few miles of travel.
- **Avoid Twisting:** Ensure straps are not twisted during use, as this can reduce their strength and effectiveness.
- **Personal Safety:** Keep hands and fingers clear of the ratchet mechanism during operation to prevent pinching.

7. TROUBLESHOOTING

- **E-Fitting Difficult to Insert:** If an E-fitting is difficult to insert into the E-track slot, inspect the fitting for any slight deformation or burrs. In some cases, a very minor adjustment (e.g., a gentle tap with a rubber mallet) might be needed to ensure it fits the specific E-track dimensions. Ensure the E-track slot is clear of debris.
- **Ratchet Mechanism Sticking:** If the ratchet mechanism is stiff or sticking, it may require cleaning or lubrication. Ensure no dirt or debris is obstructing the gears. Apply a light, penetrating lubricant to the moving parts.
- **Strap Not Tightening:** Ensure the strap is correctly threaded through the ratchet spindle and that there is sufficient slack removed before ratcheting. If the strap is worn or stretched, it may not hold tension effectively and should be replaced.

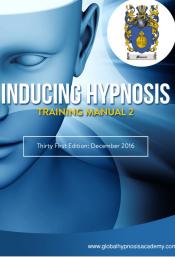
8. SPECIFICATIONS

Attribute	Value
Model Number	59136
Size	2in x 12ft
Material	Polyester (Strap), Stainless Steel (Fastener)
Color	Blue
Load Capacity	3500 pounds
Working Load Limit (WLL)	1166 pounds
Product Dimensions	144"L x 2"W
Number of Pieces	1
Vehicle Service Type	Trailer, Van

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact Erickson Manufacturing directly.

Related Documents - 59136

	<p><u>Erickson Truck Rack Roller Installation and Safety Guide</u></p> <p>Comprehensive guide for installing the Erickson Truck Rack Roller (Item no: 07709/07711) onto an Erickson aluminum truck rack (part number 07705). Includes detailed step-by-step instructions, critical safety warnings, usage precautions, and warranty details.</p>
	<p><u>Erickson 6 ft Steel Double Folding Loading Ramps (Item 07435) - Specifications & Instructions</u></p> <p>Detailed specifications, safety instructions, assembly guide, and warranty information for Erickson Manufacturing's 6 ft. (72" x 9") Steel Double Folding Loading Ramps (Item 07435). Learn about capacity, usage, and maintenance.</p>
	<p><u>Turbovac TS60 Tabletop Model Sealers - Vacuum Packaging Machines</u></p> <p>Detailed specifications, features, and dimensions for the Turbovac TS60 Tabletop Model Vacuum Sealer, including information on vacuum bags and optional features. Manufactured by Turbovac, this machine offers robust performance and ease of use for professional packaging needs.</p>
	<p><u>IkonPRO RGB LED Kit Installation and Operation Guide</u></p> <p>Comprehensive guide for installing and operating the IkonPRO RGB LED Kit (models 59136, 59138) by Saxby Lighting. Includes technical data, safety precautions, layout planning, installation steps, and wiring instructions for this IP67 rated, low-voltage lighting system.</p>
	<p><u>Inducing Hypnosis Training Manual 2: A Comprehensive Guide to Hypnotic Techniques</u></p> <p>Global Hypnosis Academy presents 'Inducing Hypnosis Training Manual 2', a detailed guide for learning hypnosis. This manual covers essential induction methods, hypnotic suggestion structures, and historical approaches to trance, suitable for aspiring hypnotherapists.</p>