

## Locinox MAMMOTH180

# Locinox Mammoth 180° Self-Closing Gate Hinge MAMMOTH180 Instruction Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of the Locinox Mammoth 180° Self-Closing Gate Hinge, model MAMMOTH180. This robust hinge is designed for gates weighing up to 330 lbs and offers a 180° opening angle with a controlled self-closing mechanism. It features a double bearing system for smooth operation and an Active Thermal System to ensure consistent closing speed regardless of weather conditions. Proper installation and maintenance are crucial for optimal performance and longevity.

## 2. SAFETY INFORMATION

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- Always read and understand all instructions before beginning installation or operation.
- Use appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Ensure the gate structure and posts are strong enough to support the weight of the gate and the forces exerted by the hinge.
- Be aware of potential pinch points during installation and operation of the gate.
- Do not exceed the maximum weight capacity of 330 lbs for the gate.
- Professional installation is recommended to ensure correct and safe operation.
- Keep children and pets away from the gate area during installation and adjustment.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- 1 x Locinox Mammoth 180° Self-Closing Gate Hinge (MAMMOTH180)
- 1 x Dino Hinge (included as a complementary component)
- Installation hardware (e.g., Quick-Fix fasteners)

## 4. SETUP AND INSTALLATION

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The Mammoth 180° hinge is designed for fast and easy installation using the Quick-Fix system. It is suitable for both left and right-handed gates.

#### **4.1 Pre-Installation Checks**

- Confirm the gate weight does not exceed 330 lbs.
- For ADA compliance (less than 5 lbs opening force), ensure gate widths are 4.4 ft or more.
- Ensure mounting surfaces (gate frame and post) are clean, flat, and structurally sound.

#### **4.2 Mounting the Hinges**

1. Position the main Mammoth hinge unit and the Dino hinge on the gate frame and post according to your gate's configuration (left or right-handed).
2. Securely attach the hinges using the provided Quick-Fix fasteners. Ensure all fasteners are tightened to the manufacturer's specifications.
3. Verify that the hinges are perfectly aligned to prevent binding and ensure smooth operation.

#### **4.3 Adjusting Closing Speed and Final Snap**

The hinge features an adjustable closing speed and final snap. Refer to the markings on the hinge for adjustment points. Use the appropriate tool (e.g., Allen key) to fine-tune the closing speed to your desired rate and the final snap for secure closure.



This image displays the Locinox Mammoth 180-degree self-closing gate hinge. The main hinge unit is shown vertically, highlighting its robust cylindrical design and black anodized finish. A smaller, separate component, likely the Dino hinge or a part of the main hinge, is shown to the right. Both components feature mounting points for secure attachment to a gate or post.

## 5. OPERATING INSTRUCTIONS

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Once installed and adjusted, the Locinox Mammoth hinge provides a reliable self-closing function. The gate can be opened up to 180 degrees. Upon release, the hinge will automatically close the gate at the pre-set speed, concluding with a final snap to ensure the gate is securely shut. The patented hydraulic

damping and Active Thermal System maintain a consistent closing speed across varying temperatures.

## 6. MAINTENANCE

The Mammoth hinge features a weatherproof aluminum housing designed for exterior use, requiring minimal maintenance.

- **Periodic Cleaning:** Clean the hinge periodically with a damp cloth to remove dirt, dust, and debris. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Regularly inspect the hinge for any signs of wear, damage, or loose fasteners. Ensure the gate operates smoothly without excessive friction or noise.
- **Lubrication:** While the hinge is designed for low maintenance, a light application of a silicone-based lubricant to moving parts (if accessible) can help maintain smooth operation over time. Consult Locinox support for specific lubrication recommendations.

## 7. TROUBLESHOOTING

- **Gate Not Closing Properly:**
  - Check for obstructions in the gate's path.
  - Verify that the hinges are securely mounted and properly aligned.
  - Adjust the closing speed mechanism as described in Section 4.3.
- **Inconsistent Closing Speed:**
  - Ensure the hinge is free from debris.
  - Re-adjust the closing speed. If the issue persists, contact Locinox support.
- **Excessive Noise During Operation:**
  - Inspect for loose fasteners and tighten if necessary.
  - Check for friction points between the gate and post.
  - Consider light lubrication as per Section 6.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Locinox
Model Number	MAMMOTH180
Material	Aluminum
Color	Black
Finish Type	Unfinished
Mounting Type	Door Mount
Maximum Weight Capacity	330 Pounds
Unit Count	1.0 Count

Style


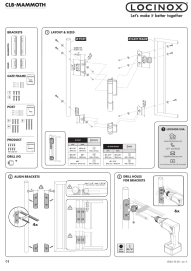
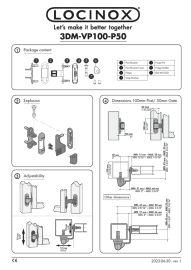
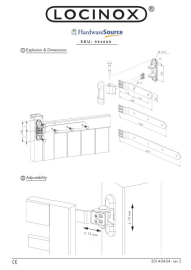
Thermal (Active Thermal System)

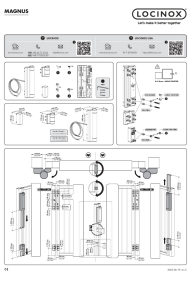
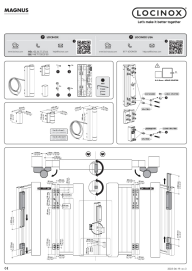
## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please contact Locinox directly through their official website or authorized distributors. Keep your purchase receipt as proof of purchase.

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### Related Documents - MAMMOTH180

	<p><a href="#">Locinox MAMMOTH-180 Gate Closer Installation and User Guide</a></p> <p>Comprehensive guide for installing and using the Locinox MAMMOTH-180 gate closer and Dino hinge. Covers specifications, dimensions, profile preparation, mounting, adjustments, and finalization.</p>
	<p><a href="#">Locinox CLB-MAMMOTH Gate Hinge Installation Guide</a></p> <p>Official installation guide for the Locinox CLB-MAMMOTH gate hinge system. Provides detailed instructions, diagrams, and specifications for mounting on posts and gate frames. Includes alignment, drilling, and attachment procedures.</p>
	<p><a href="#">Locinox 3DM-VP100-P50 Installation Guide</a></p> <p>Detailed installation instructions and dimensions for the Locinox 3DM-VP100-P50 hinge system, including package contents, explosion view, and mounting steps for posts and gates.</p>
	<p><a href="#">Locinox 984080 Adjustable Strap Hinge Installation and Dimensions Guide</a></p> <p>Comprehensive guide for the Locinox 984080 stainless steel adjustable strap hinge, detailing explosion and dimensions, adjustability, installation steps, cover fitting, and finalization. Includes technical specifications and revision information.</p>

	<p><a href="#">LOCINOX MAGNUS Gate Motor: Installation, Safety, and Technical Guide</a></p> <p>This guide provides essential information for the installation, safe operation, and technical specifications of the LOCINOX MAGNUS gate motor. It covers safety notices, connection diagrams, and product details for automated swing gates.</p>
	<p><a href="#">Locinox Magnus Gate Motor: Installation Guide and Technical Specifications</a></p> <p>Comprehensive installation guide, safety notices, and technical specifications for the Locinox Magnus automated swing gate motor. Learn about setup, wiring, and intended use.</p>