

## Locinox Samson-2

# Locinox Samson-2 Hydraulic Gate Closer Instruction Manual

Model: Samson-2

Brand: Locinox

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Locinox Samson-2 Hydraulic Gate Closer. Designed for gates weighing up to 330 lbs, this hydraulic closer ensures controlled and reliable gate closure, enhancing security and convenience. Please read these instructions thoroughly before installation and retain them for future reference.

## 2. SAFETY INFORMATION

Adherence to safety guidelines is crucial during installation and operation to prevent injury or damage to the product. Always observe the following:

- Ensure all components are securely fastened before operating the gate.
- Do not attempt to modify the gate closer. Unauthorized modifications can compromise safety and void the warranty.
- Keep hands and clothing clear of moving parts during gate operation.
- Children should be supervised near gates equipped with this closer.
- Wear appropriate personal protective equipment (PPE) during installation, such as safety glasses and gloves.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. The standard package for the Locinox Samson-2 Hydraulic Gate Closer typically includes:

- Samson-2 Hydraulic Gate Closer unit
- Mounting brackets and hardware
- Connecting arm
- Instruction manual



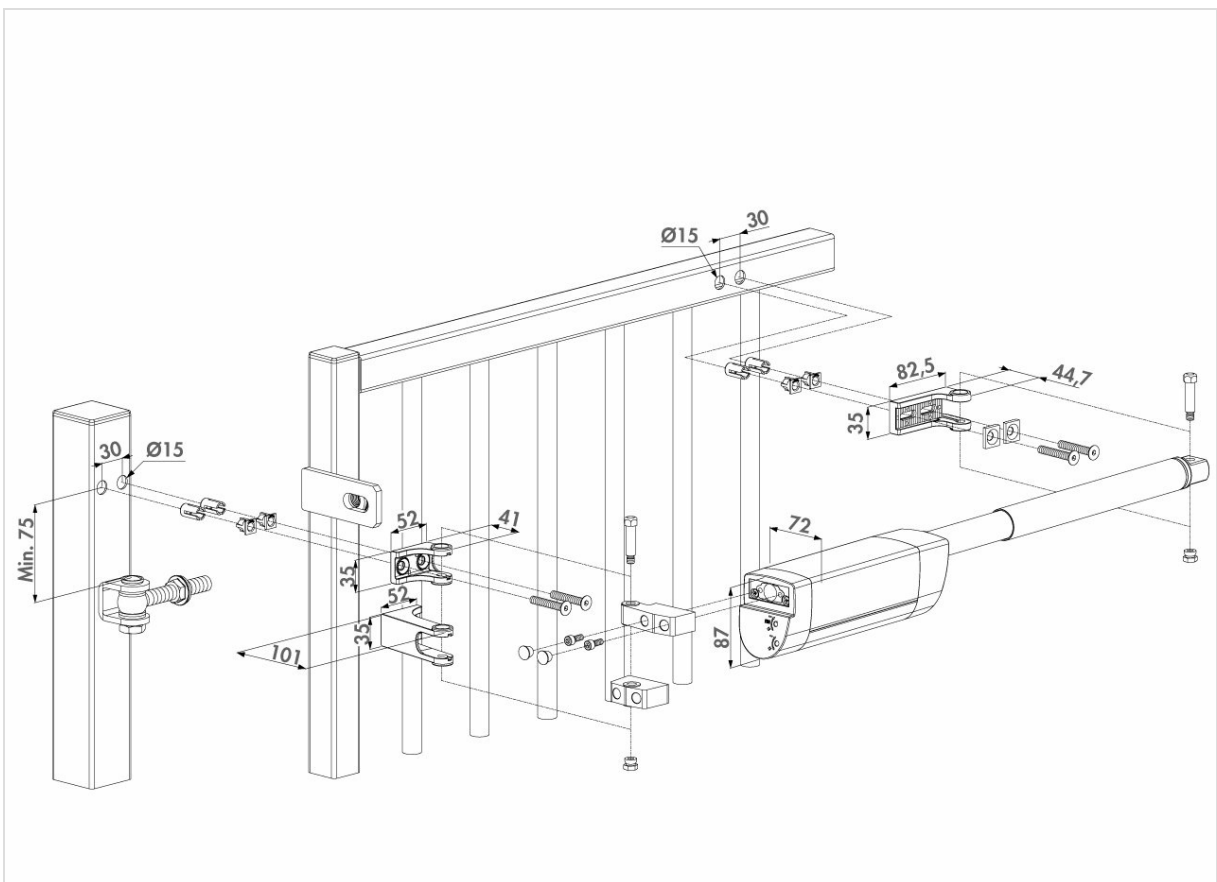
**Figure 1:** Exploded view of the Samson-2 Hydraulic Gate Closer components, illustrating the various parts and their assembly points. This diagram is crucial for understanding the installation process.

## 4. SETUP AND INSTALLATION

The Locinox Samson-2 is designed for screw-in installation on various gate types. Proper installation is critical for optimal performance and longevity.



**Figure 2:** A Locinox Samson-2 Hydraulic Gate Closer installed on a modern gate, demonstrating its discreet integration and functionality.



**Figure 3:** A user opening a gate equipped with the Locinox Samson-2 Hydraulic Gate Closer, highlighting the ease of use and controlled movement.





**Figure 4:** A close-up view of the Locinox Samson-2 Hydraulic Gate Closer unit, showcasing its robust aluminum construction and compact design.

### Installation Steps:

1. **Prepare the Gate and Post:** Ensure the gate and post are structurally sound and capable of supporting the closer's weight and forces. Mark the desired mounting positions for the closer body and the connecting arm brackets.
2. **Mount the Closer Body:** Securely attach the main closer unit to the gate post using the provided screws and brackets. Ensure it is level and aligned correctly.
3. **Attach the Connecting Arm:** Connect the arm to the closer body and the gate. Adjust the arm length as necessary to achieve the desired gate opening angle and closing action.
4. **Adjust Closing Speed:** The Samson-2 features adjustable closing speed. Locate the adjustment valve (refer to the product diagram for exact location) and use an appropriate tool (e.g., an Allen key) to fine-tune the closing speed. Turn clockwise to decrease speed, counter-clockwise to increase speed. Test the gate's closing action after each adjustment.
5. **Final Checks:** Open and close the gate several times to ensure smooth operation, proper latching, and absence of binding or excessive force. Make any necessary final adjustments.

## 5. OPERATION

Once installed and adjusted, the Locinox Samson-2 Hydraulic Gate Closer operates automatically. When the gate is opened, the hydraulic mechanism is engaged, and upon release, it gently and consistently pulls the gate back to its closed position at the pre-set speed.

- To open the gate, simply push or pull it as usual. The closer will offer slight resistance.
- Upon releasing the gate, the closer will engage and bring the gate to a controlled close.
- Avoid forcing the gate open or closed against the closer's resistance, as this can damage the unit.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your gate closer.

- **Cleaning:** Periodically clean the exterior of the closer unit with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners.

- **Inspection:** Annually inspect all mounting screws and brackets for tightness. Check the connecting arm for any signs of wear or damage.
- **Lubrication:** The hydraulic mechanism is sealed and does not require internal lubrication. However, ensure that the pivot points of the connecting arm are free of obstruction and move smoothly.
- **Functionality Check:** Test the gate's closing speed and action periodically. Re-adjust if necessary due to environmental changes or wear.

## 7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

| Problem                        | Possible Cause  | Solution   |
|--------------------------------|---|--|
| Gate closes too fast/slow      | Incorrect speed adjustment                                  | Adjust the hydraulic speed valve (refer to Section 4).   |
| Gate does not close completely | Obstruction; improper alignment; insufficient closing force | Check for obstructions. Verify closer and gate alignment. Ensure the gate is not binding. Re-adjust closer if necessary.         |
| Gate is difficult to open      | Closer set too strong; binding hinges                       | Adjust the closer's strength (if applicable, or re-evaluate gate weight). Check gate hinges for proper function and lubrication. |
| Noisy operation                | Loose components; lack of lubrication at pivot points       | Tighten all mounting hardware. Lubricate connecting arm pivot points if needed.  |

## 8. SPECIFICATIONS

Key technical specifications for the Locinox Samson-2 Hydraulic Gate Closer:

| Feature            | Specification   |
|--------------------|---|
| Model              | Samson-2  |
| Installation Type  | Screw-In  |
| Recommended Uses   | Securing and controlling gate movement in various settings, including residential, commercial, and industrial properties, and ensuring accessibility in areas requiring ADA compliance. |
| Specification Met  | ADA   |
| Manufacturer       | Locinox   |
| Item Weight        | 2.2 pounds (1 Kilogram)   |
| Product Dimensions | 28.35 x 2.95 x 3.54 inches  |
| Material           | Aluminum  |
| Color              | Silver  |

| Feature         | Specification |
|-----------------|---------------|
| Exterior Finish | Silver        |

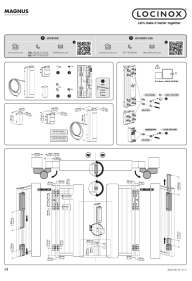
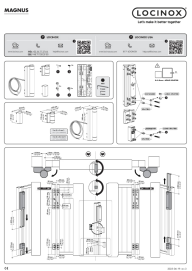
## 9. WARRANTY AND SUPPORT

Locinox products are manufactured to high standards. For specific warranty details, please refer to the official Locinox website or contact your authorized dealer. In case of technical issues or questions not covered in this manual, please contact Locinox customer support through their official channels for assistance.

For further information, visit the [Locinox Store on Amazon](#).

### Related Documents - Samson-2

|   |   |
|---|---|
|   | <p><a href="#">Locinox PANTHER Hydraulic Gate Closer Installation Guide and Specifications</a></p> <p>Comprehensive installation guide and technical specifications for the Locinox PANTHER hydraulic gate closer, including dimensions, mounting instructions, and contact information.</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 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="#">Verticlose-2 Wall Door Closer Installation Guide</a></p> <p>Comprehensive installation guide for the Verticlose-2 Wall door closer by Locinox, detailing all steps, components, and specifications for proper mounting and operation.</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>   |