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**Gaerne SG22**

# Gaerne SG22 Men's Motocross Boot Instruction Manual

Model: SG22 (Model Number: 2262)

Brand: Gaerne

## 1. INTRODUCTION AND OVERVIEW

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The Gaerne SG22 motocross boot is engineered for performance and protection in demanding riding conditions. This manual provides essential information regarding the boot's features, proper usage, maintenance, and specifications to ensure optimal performance and longevity.

Key design elements include the Gaerne Dual Stage Pivot System 1.0 for ankle support, advanced ventilation, a 3D Main Body Toe Box for improved shifting, and Superlight Buckles for a secure fit. The boot also incorporates Grip Guard 1.0 for enhanced bike grip and Memory Foam 1.0 for internal foot stabilization. Constructed with the traditional Goodyear Welted method, the SG22 is designed for durability and resoling capability. It is CE certified in accordance with EN 13634:2017 and Regulation EU 2016/425.



Figure 1: Overall side view of the Gaerne SG22 Men's Motocross Boot in black.

## 2. KEY FEATURES

- **Protection System:** Gaerne Dual Stage Pivot System 1.0 to provide ankle support and ergonomics, restricting hyperextension, hyperflexion, and lateral movements.
- **Lining:** Memory Foam 1.0 for foot stabilization, molding to the ankle shape and creating a seamless connection with the boot.
- **Ventilation:** Air Vents near the frontal plate and 3D channels ensure optimal airflow, humidity evacuation, and heat dissipation.
- **Closure System:** Four aluminum Superlight Buckles feature multiple adjustments to enable a tailored fit.

The frontal shin guard offers dual positioning options for added versatility.

- **Toe Box:** Revolutionary 3D Main Body Toe Box enhances shifting speed by reducing sole-to-derailleur height.
- **Grip:** Grip Guard 1.0 rubber elements on the inner side enhance heat protection and provide exceptional grip on the bike.
- **Construction:** Gaerne Goodyear Welted artisanal construction ensures a robust and durable sole structure, allowing for easy resoling.
- **Certification:** CE certified in accordance with EN 13634:2017 and Regulation EU 2016/425.



Figure 2: Detail of the Dual Stage Pivot System and Superlight Buckle.



Figure 3: Detail of the 3D Main Body Toe Box for enhanced shifting.

### 3. SETUP AND FITTING

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Proper fitting of your Gaerne SG22 boots is crucial for comfort and protection. Follow these steps for initial setup:

1. **Initial Wear:** Put on the boots and ensure your foot is seated comfortably within the Memory Foam lining.
2. **Buckle Adjustment:** Secure all four Superlight Buckles. Start with the lower buckles and work your way up. Adjust the strap length to achieve a snug, yet comfortable fit. The upper buckle is designed for additional adjustment to accommodate various calf sizes and knee protectors.
3. **Shin Guard Positioning:** The frontal shin guard offers dual positioning options. Adjust its position to ensure it aligns correctly with your shin and provides adequate protection without restricting movement.

4. **Flexibility Check:** Once buckled, stand up and walk a few steps. The boots may feel stiff initially. Ensure the Dual Stage Pivot System allows for natural ankle movement within its protective limits.



Figure 4: Side view illustrating the buckle system and overall boot structure.

## 4. OPERATING CONSIDERATIONS

The Gaerne SG22 boots are designed for motocross and off-road riding. Consider the following during operation:

- **Break-in Period:** New boots may feel stiff. A short break-in period, typically a few rides, will allow the

materials to conform to your foot and riding style, improving comfort and flexibility.

- **Shifting and Braking:** The 3D Main Body Toe Box is designed to assist with shifting. Practice shifting and braking motions to familiarize yourself with the boot's feel and response.
- **Water Resistance:** While robust, these boots are not fully waterproof. Submerging them in water, such as during stream crossings, may result in water ingress. For wet conditions, consider using waterproof socks.
- **Grip:** The Grip Guard 1.0 on the inner side is intended to provide enhanced grip on the motorcycle frame. Ensure this area is clean for optimal contact.

## 5. MAINTENANCE

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Regular maintenance will extend the life and performance of your SG22 boots:

- **Cleaning:** After each ride, clean dirt and debris from the boots using a soft brush and mild soap with water. Rinse thoroughly and allow to air dry completely away from direct heat or sunlight.
- **Buckle Care:** Inspect buckles and straps regularly for damage or wear. Clean any mud or grit from the buckle mechanisms to ensure smooth operation.
- **Internal Lining:** Allow the internal lining to air out after use to prevent odor and mildew. If necessary, use a boot dryer on a low heat setting.
- **Resoling:** The Goodyear Welted construction allows for the sole to be replaced. If the sole shows significant wear, contact an authorized Gaerne service center for resoling options.



Figure 5: The Goodyear Welted construction method ensures durability and allows for resoling.

## 6. TROUBLESHOOTING

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- **Excessive Stiffness:** If boots remain excessively stiff after initial break-in, ensure buckles are not overtightened. Continue wearing them for short periods to allow the materials to soften.
- **Squeaking Noise:** Some squeaking may occur during walking due to the boot's protective structure. This is generally normal and does not affect performance.
- **Water Ingress:** If water enters the boots in wet conditions, consider using waterproof socks as an additional barrier. Ensure the boots are thoroughly dried after exposure to water to prevent material degradation.
- **Buckle Malfunction:** If a buckle is difficult to operate, clean any debris from the mechanism. If damage is present, contact Gaerne customer service for replacement parts or repair advice.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	2262
Department	Men's
Sole Material	Rubber
Shaft Height	Knee High
Shaft Circumference	8 inches <i>(Note: This value might be a generic placeholder or specific to a size. Refer to size guide for accurate measurements.)</i>
Origin	Imported (Proudly Made in Italy, as per product description)
Manufacturer	Gaerne
CE Certification	EN 13634:2017 and Regulation EU 2016/425

Note: Specifications are subject to change without prior notice. Always refer to the product packaging for the most current information.

## 8. WARRANTY AND SUPPORT

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For detailed warranty information, product support, or to inquire about replacement parts and authorized service centers, please visit the official Gaerne website or contact Gaerne customer service directly. Keep your proof of purchase for any warranty claims.

Official Gaerne Website: [www.gaerne.com](http://www.gaerne.com)