

[Manuals.plus](#) /

> [Sagola](#) /

> Sagola 3300 GTO Gravity Spray Gun User Manual (EPA Air Cap, 1.80mm)

## Sagola 3300 GTO

# Sagola 3300 GTO Gravity Spray Gun User Manual

MODEL: 3300 GTO (EPA AIR CAP, 1.80MM)

Brand: Sagola

## Introduction

The Sagola 3300 GTO Gravity Spray Gun with a 1.80mm EPA Air Cap is designed for precise atomization, efficiency, and control in professional finishing applications. This tool is suitable for automotive refinishing, industrial coatings, and body shop use. Constructed with premium materials and advanced technology, it aims to provide a consistent finish while minimizing material waste.

## Key Features

- **EPA Air Cap:** Optimized for high-build primers, fillers, and industrial coatings, with an air consumption of 250 liters per minute.
- **Gravity Fed Design:** Equipped with an anti-drip plug and a device for collecting drained product, including a paint cup.
- **Versatile Application:** Suitable for various painting industries, including automotive, timber, and plastic sectors.
- **Interchangeable Components:** Needle nozzles and tips are interchangeable for adaptability to different painting requirements.
- **Durable Construction:** Built for demanding industrial use with an ultra-lightweight, forged, and anodized aluminum body resistant to wear and corrosion. Designed for easy component replacement.
- **Adjustable Pressure:** Features an internal flow regulator at the bottom of the gun for pressure adjustments.
- **Ergonomic Design:** Smooth trigger action and balanced design reduce operator fatigue, providing comfortable handling and consistent performance.
- **Low Maintenance:** No gaskets or seals in the paint area to prevent clogging, simplifying maintenance and cleaning.

## What's Included

The Sagola 3300 GTO Gravity Spray Gun package typically includes the following components:

- Sagola 3300 GTO Spray Gun
- Pre-installed EPA Air Cap, Needle, and Nozzle Kit (1.80mm)
- Reusable Gravity Cup with Integrated Mini-Filter
- Multi-purpose Wrench for servicing and nozzle adjustments
- Color-coded identifiers for easy spray gun recognition
- Cleaning Brush
- Key Assembly for maintenance



Image: Sagola 3300 GTO Gravity Spray Gun and its accompanying accessories, including the paint cup, cleaning brush, wrench, and color-coded rings.

## Setup Instructions

1. **Unpacking:** Carefully remove all components from the packaging and inspect for any damage.

2. **Assembly:** Ensure the 1.80mm EPA air cap, needle, and nozzle are securely installed. Attach the gravity cup to the top of the spray gun.
3. **Air Connection:** Connect the spray gun to a clean, dry air supply using an appropriate air hose and quick-connect fitting. Ensure the air pressure regulator is set to the recommended operating pressure (refer to specifications).
4. **Material Preparation:** Prepare your paint or coating material according to the manufacturer's instructions. Strain the material to remove any impurities before pouring it into the gravity cup.
5. **Filling the Cup:** Fill the gravity cup with the prepared material. Do not overfill.

## Operating Instructions

---

1. **Adjusting Air Pressure:** Set the air pressure at the gun's inlet to the recommended level for your material and desired finish. The internal flow regulator at the bottom of the gun can be used for fine adjustments.
2. **Adjusting Spray Pattern:** The spray pattern can be adjusted using the control knob, typically located on the side of the air cap. Turn to achieve a round or fan pattern.
3. **Adjusting Fluid Flow:** The fluid control knob at the rear of the gun regulates the amount of material released. Adjust to achieve the desired material output.
4. **Test Spray:** Always perform a test spray on a scrap surface to verify the spray pattern, fluid flow, and atomization before applying to your workpiece.
5. **Application Technique:** Maintain a consistent distance and angle from the surface. Overlap each pass by approximately 50% to ensure even coverage.



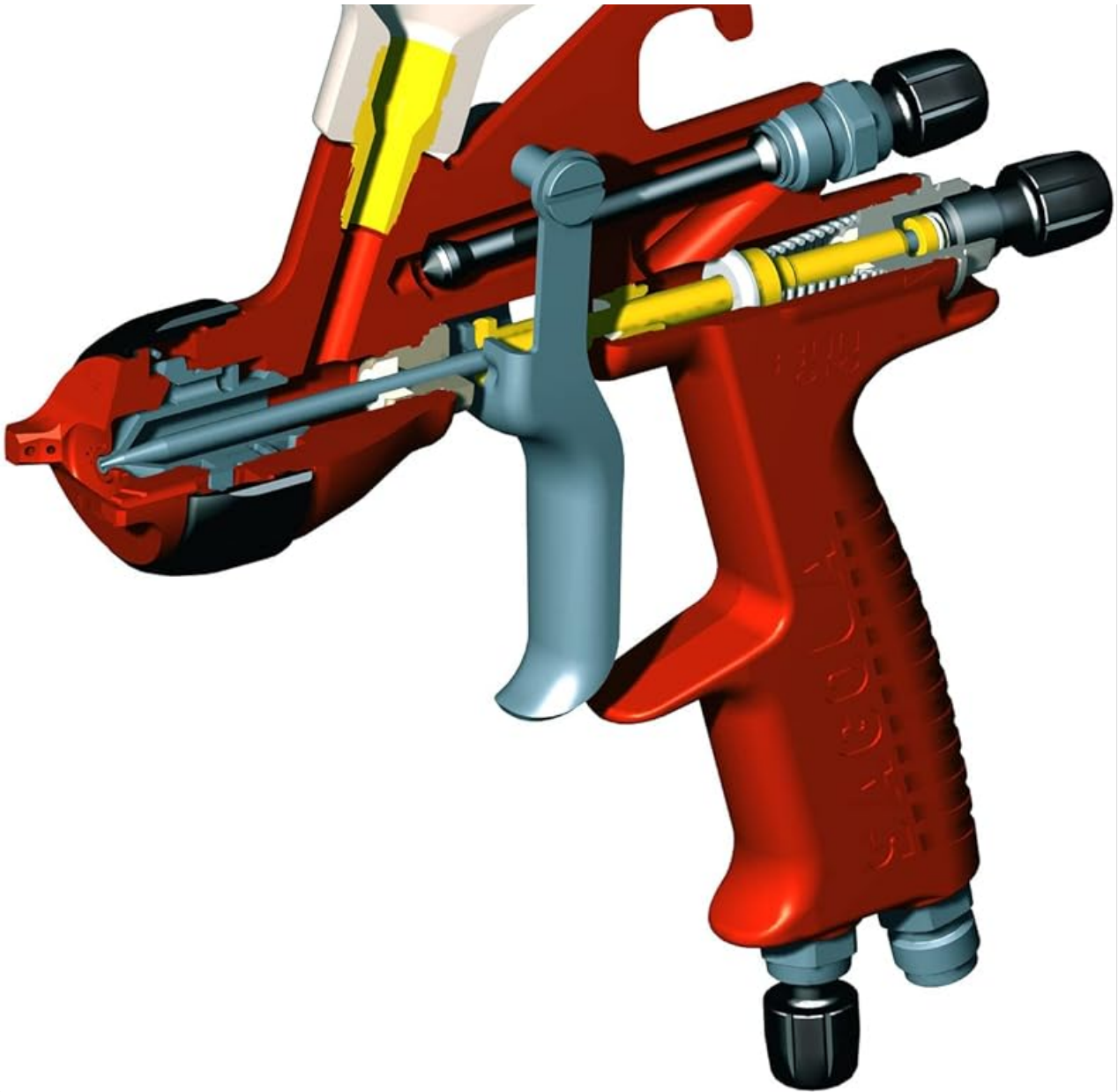


Image: An internal view of the Sagola 3300 GTO spray gun, illustrating the fluid path, air passages, needle, nozzle, and air cap components.



Image: A detailed view of the GTO EPA air cap, showing the air horns and central orifice responsible for atomization.

## Maintenance

Proper maintenance is crucial for the longevity and performance of your Sagola 3300 GTO spray gun. The design features no gaskets or seals in the paint area, simplifying cleaning.

### 1. Cleaning After Each Use:

- Empty any remaining material from the gravity cup.
  - Pour a small amount of appropriate cleaning solvent into the cup.
  - Spray the solvent through the gun until it runs clear.
  - Disassemble the air cap, nozzle, and needle. Clean these components thoroughly with a cleaning brush and solvent.
  - Clean the exterior of the gun body.
2. **Deep Cleaning:** Periodically, a more thorough cleaning may be required. Disassemble the gun completely and soak all paint-contacting parts in solvent. Use the provided cleaning brush to remove any dried paint or residue.
  3. **Lubrication:** Apply a small amount of spray gun lubricant to the needle packing and air valve assembly as needed. Avoid lubricating the air cap or fluid tip.
  4. **Storage:** Store the clean and dry spray gun in a protective case or a clean, dry environment to prevent damage and contamination.

## Troubleshooting







This section provides general guidance for common issues. For detailed troubleshooting, consult the official Sagola support resources.

- **Pulsating Spray:** Check for insufficient material in the cup, a loose fluid tip, or a clogged air vent in the cup lid.
- **Uneven Spray Pattern:** Inspect the air cap and fluid tip for blockages or damage. Ensure the air cap is correctly aligned.
- **Excessive Overspray:** Verify that the air pressure is not too high and that the material viscosity is appropriate. Adjust fluid flow as needed.
- **Leaking from Nozzle:** Check if the fluid needle is seating properly or if the fluid tip is damaged or loose.
- **Poor Atomization:** Ensure adequate air pressure and proper material viscosity. Clean the air cap and fluid tip.

## Specifications

Attribute	Value
Brand	Sagola
Model Name	GTO
Item Model Number	PG101415--
Style	EPA Air Cap (1.80mm)
Tank Volume	0.65 Liters
Material	Aluminum
Color	Black
Item Weight	2.1 pounds
Power Source	Hand Powered (requires external air compressor)
Recommended Uses	Painting (Automotive, Timber, Plastic sectors)
Special Features	Metal Parts

## Air Cap Performance Data

						
	<b>GTO TECH</b>	<b>GTO HVLP</b>	<b>GTO EVO</b>	<b>3300 EPA</b>	<b>64S</b>	<b>62S</b>
<b>Air consumption</b> <i>L/min</i>	285	360	255	250	310	270
<b>Pressure</b> <i>Bar</i>	2	1,8 (*)	2	2	2	2

(\*) **PRESSURE FOR TEST CHECKER:** With the HVLP nozzle You must not exceed the maximum inlet pressure of 1.8 bar. An excess pressure will create an additional over spray and will reduce the transfer.

Image: A table detailing air consumption (L/min) and pressure (Bar) for different Sagola GTO air cap types, including GTO TECH, GTO HVLP, GTO EVO, 3300 EPA, 64S, and 62S. Note: For HVLP nozzles, do not exceed 1.8 bar inlet pressure to avoid overspray and reduced transfer efficiency.

## Applications

The Sagola 3300 GTO spray gun is versatile and suitable for a range of professional painting applications:

- Wood Working
- Automotive Refinishing
- Industrial Coatings
- Aviation

# One Gun, Many Applications



**Wood Working**



**Automotive**



**Industrial Coatings**



**Aviation**



Image: The Sagola 3300 GTO spray gun displayed alongside icons indicating its suitability for woodworking, automotive, industrial coatings, and aviation applications.

## Quality and Manufacturing

Sagola products are manufactured with a focus on precision and durability. The following video provides insight into the manufacturing processes that contribute to the quality of Sagola spray guns.

Video: Sagola's Manufacturing Process. This video showcases the various stages of production, from design and machining to assembly and quality control, highlighting the precision engineering involved in creating Sagola spray guns.

## Warranty and Support

For warranty information, technical support, or service inquiries, please contact Sagola directly or refer to the official Sagola website. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Sagola

**Seller:** Elcometer Inc.

