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## Sagola 3300 GTO

# Sagola 3300 GTO Gravity Spray Gun (HVLP Air Cap, 1.80mm) Instruction Manual

Model: 3300 GTO (PG101415--)

## INTRODUCTION

The Sagola 3300 GTO Gravity Spray Gun with HVLP Air Cap (1.80mm) is engineered for professional painting applications, particularly effective for sanding surfacers. This high-volume, low-pressure (HVLP) system is designed to optimize material efficiency and provide a smooth, consistent coating. Its ergonomic design and durable construction ensure reliable performance and ease of use across various industries, including automotive, timber, and plastic sectors.

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Sagola 3300 GTO spray gun.

## QUALITY AND MANUFACTURING

Sagola products are manufactured with precision and attention to detail. The following video provides insight into the manufacturing process, highlighting the quality standards applied to each spray gun.

Your browser does not support the video tag. Please update your browser to view this content.

Video: Sagola Manufacturing Process. This video demonstrates the detailed steps and quality control involved in producing Sagola spray guns.

## IMPORTANT SAFETY INFORMATION

**WARNING:** Failure to follow these safety instructions may result in serious injury or property damage.

- Always wear appropriate protective gear, including eye protection, gloves, and respiratory protection, when

using this product.

- Keep away from heat and open flames.
- Do not use with incompatible materials. Refer to the material safety data sheet (MSDS) for the coating material being used.
- Dispose of contents and containers in accordance with local, state, and federal regulations.
- Always follow the manufacturer's instructions for safe operation and maintenance of both the spray gun and the coating materials.

## SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present according to the packing list.
2. **Initial Cleaning:** Before first use, clean the spray gun thoroughly to remove any manufacturing residues. Use a compatible cleaning solvent.
3. **Attach Air Cap and Nozzle:** Ensure the correct HVLP Air Cap (1.80mm) and corresponding needle nozzle are securely attached. The 3300 GTO features interchangeable needle nozzles and tips for various applications.
4. **Connect Air Supply:** Connect a clean, dry compressed air supply to the gun's air inlet. Ensure the air pressure regulator is set to the recommended operating pressure (refer to specifications). The maximum inlet pressure for the HVLP nozzle should not exceed 1.8 bar (approximately 26 PSI) to prevent overspray and reduce transfer efficiency.
5. **Attach Paint Cup:** Securely attach the gravity-fed paint cup to the top of the gun. The gun is equipped with an anti-drip plug and a device for collecting drained product.



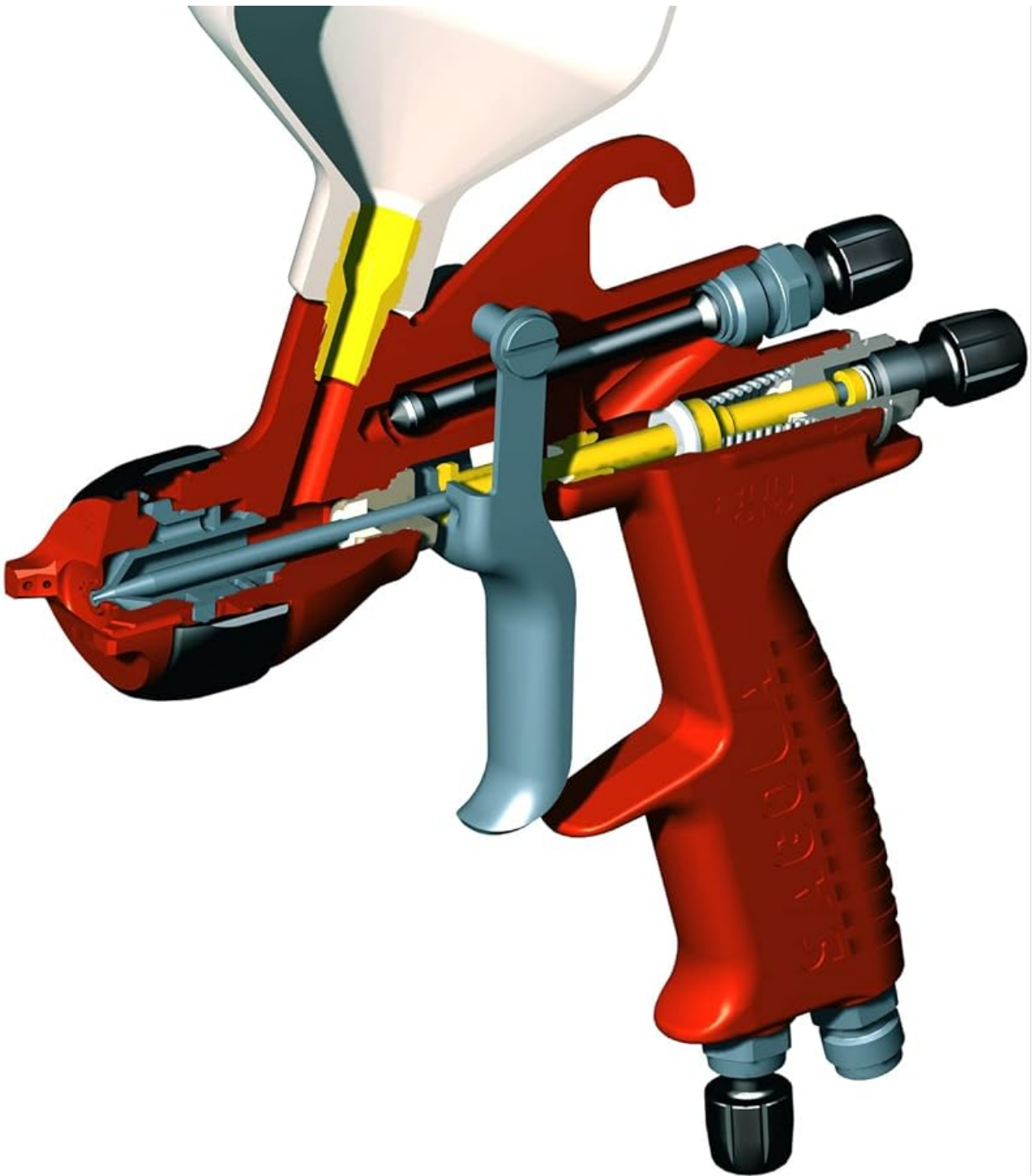


Image: Internal components of the Sagola 3300 GTO Gravity Spray Gun, showing the fluid path and air cap assembly.

## OPERATING INSTRUCTIONS

1. **Prepare Material:** Mix and filter your coating material according to the manufacturer's instructions. Fill the gravity-fed paint cup.
2. **Adjust Air Pressure:** Set the air pressure at the gun's inlet to the recommended level for your specific material and desired finish. The internal flow regulator at the bottom of the gun allows for fine adjustment. For the HVLP air cap, ensure the inlet pressure does not exceed 1.8 bar (approximately 26 PSI) to maintain optimal transfer efficiency and minimize overspray.
3. **Adjust Fan Pattern and Fluid Flow:**
  - **Fan Pattern Control:** Rotate the air cap to adjust the spray pattern from round to flat.

- **Fluid Control:** Adjust the fluid needle knob at the rear of the gun to control the amount of material sprayed.
4. **Test Spray:** Always perform a test spray on a scrap piece of material to verify the pattern, fluid output, and atomization before applying to your workpiece.
  5. **Application:** Maintain a consistent distance and angle from the surface. Overlap each pass by approximately 50% for even coverage.

# One Gun, Many Applications



**Wood Working**



**Automotive**



**Industrial Coatings**



**Aviation**



Image: The Sagola 3300 GTO spray gun is versatile for various applications including woodworking, automotive, industrial coatings, and aviation.

# TOPCOAT

## HVLP Air Cap

1.20 Needle Nozzle

1.30 Needle Nozzle

1.40 Needle Nozzle

## Tech Air Cap

1.20 Needle Nozzle

1.30 Needle Nozzle

1.40 Needle Nozzle

# PRIMER

## EVO Air Cap

1.30 Needle Nozzle

1.40 Needle Nozzle

1.60 Needle Nozzle

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## HVLP Air Cap

-

1.40 Needle Nozzle

1.60 Needle Nozzle

1.80 Needle Nozzle

-

## EPA Air Cap

-

1.40 Needle Nozzle

1.60 Needle Nozzle

1.80 Needle Nozzle

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## 64S Air Cap

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-

-

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2.20 Needle Nozzle

# Filler


## 62S Air Cap

2.80 Needle Nozzle


Image: Guide for selecting appropriate air caps and needle nozzles for different coating types (Topcoat, Primer, Filler).

Air Cap GTO EPA		
	1.40	Primers
	1.60	Refinish Primers. Drying express
	1.80	HS Primers


  

Air Cap GTO 64S		
	2.20	High-thickness Primers

Air Cap GTO 62S		
	2.80	Spray gun Fillers

Air Cap GTO HVLP		
	1.40	Primers
	1.60	Refinish Primers. Drying express
	1.80	HS Primers


Air Cap GTO EVO		
	1.30	Wet/Wet Primers, Finishes
	1.40	Wet/Wet Primers, Industrial finishes
	1.60	High application speed, large surfaces

Image: Detailed breakdown of Sagola GTO air caps (EPA, 64S, 62S, HVLP, EVO) and their recommended uses with various primers and finishes.

## MAINTENANCE

Proper maintenance is crucial for the longevity and performance of your Sagola 3300 GTO spray gun. The gun features metal-on-metal construction with no rubber parts, simplifying cleaning.

### 1. Cleaning After Each Use:

- Empty any remaining material from the paint cup.
- Pour a small amount of compatible cleaning solvent into the cup and spray it through the gun until clear solvent emerges.
- Disassemble the air cap, fluid nozzle, and needle. Clean these components thoroughly with a brush and solvent.
- Clean the exterior of the gun. Do not immerse the entire gun in solvent unless specifically instructed by Sagola.
- Lubricate moving parts (e.g., needle packing, trigger pivot) with a small amount of spray gun lubricant.

2. **Regular Inspection:** Periodically inspect all components for wear or damage. Replace worn parts promptly to maintain optimal performance. Sagola products are designed for easy component replacement.

3. **Storage:** Store the clean and dry spray gun in a protective case or a clean, dry environment.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Pulsating or inconsistent spray	Low material in cup, clogged fluid passage, loose fluid nozzle, air leak.	Refill cup, clean fluid passage, tighten fluid nozzle, check for air leaks.
Heavy top or bottom spray pattern	Damaged air cap horns, partially clogged air cap holes.	Clean or replace air cap.
Heavy right or left spray pattern	Partially clogged air cap side holes.	Clean air cap holes.
Rough or coarse spray	Insufficient atomizing air, material too thick, worn fluid nozzle/needle.	Increase air pressure, thin material, replace worn parts.
Fluid leaking from air cap	Loose fluid nozzle, damaged fluid nozzle/needle, worn needle packing.	Tighten nozzle, replace damaged parts, replace needle packing.

## SPECIFICATIONS

- **Brand:** Sagola
- **Model Name:** GTO
- **Model Number:** PG101415--
- **Item Type:** Automotive Paint Spray Gun
- **Air Cap Style:** HVLP (High Volume Low Pressure)
- **Nozzle Size:** 1.80mm (for this variant)
- **Air Consumption (HVLP):** 360 Liters per minute
- **Recommended Inlet Pressure (HVLP):** 1.8 bar (approx. 26 PSI) - *Do not exceed to prevent overspray.*
- **Maximum Pressure:** 50 PSI
- **Power Source:** Compressed Air
- **Tank Volume:** 650 Cubic Centimeters (Gravity Fed)
- **Material:** Aluminum
- **Color:** Black (Note: Product images may show other colors)
- **Recommended Uses:** Painting, especially sanding surfacers, automotive, timber, and plastic sectors.
- **Included Components:** Spray Gun, Paint Cup



	GTO TECH	GTO HVLP	GTO EVO	3300 EPA	64S	62S
Air consumption <i>L/min</i>	285	360	255	250	310	270
Pressure <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: Technical specifications table detailing air consumption and pressure for different Sagola GTO air caps, including HVLP.



Image: Close-up of the GTO HVLP air cap, indicating its design for high-volume, low-pressure applications.

## WARRANTY INFORMATION

The Sagola 3300 GTO Gravity Spray Gun comes with a **3-Year Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact Sagola customer support.

## CUSTOMER SUPPORT

For technical assistance, spare parts, or further inquiries regarding your Sagola 3300 GTO spray gun, please contact Sagola customer support or visit the official Sagola website.

**Official Sagola Store:** Visit the Sagola Store on Amazon