

## TILSWALL Alien500

# TILSWALL HVLP Electric Paint Sprayer User Manual

Model: Alien500

## 1. INTRODUCTION

Thank you for choosing the TILSWALL HVLP Electric Paint Sprayer, Model Alien500. This high-volume, low-pressure (HVLP) paint sprayer is designed for efficient and precise application of various coatings on surfaces such as furniture, walls, fences, decks, cabinets, and doors. Please read this manual thoroughly before operating the device to ensure safe and effective use.

## 2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the equipment.
- **Ventilation:** Use the sprayer in a well-ventilated area to avoid inhaling paint fumes. Wear appropriate respiratory protection.
- **Eye Protection:** Always wear safety glasses or goggles to protect your eyes from paint spray.
- **Skin Protection:** Wear gloves and protective clothing to prevent skin contact with paint.
- **Flammable Materials:** Do not spray flammable materials near open flames, pilot lights, or other ignition sources.
- **Electrical Safety:** Ensure the power cord is in good condition and avoid spraying water directly onto electrical components.
- **Children and Pets:** Keep children and pets away from the work area.
- **Cleaning:** Always disconnect the power before cleaning or performing maintenance.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x TILSWALL HVLP Electric Paint Spray Gun
- 5 x 190 Micron Filter Paper
- 3 x Nozzles (various sizes)

- 1 x Cleaning Needle
- 1 x Thru Needle
- 1 x Cleaning Brush
- 1 x English User Manual (this document)



Image: The TILSWALL HVLP Electric Paint Sprayer shown with its complete set of accessories, including nozzles, filter paper, and cleaning tools.

#### 4. PRODUCT OVERVIEW

The TILSWALL Alien500 features an ergonomic design for comfortable handling and efficient operation. Its lightweight construction (0.7kg / 1.54lbs bare weight) reduces fatigue during extended use.



Image: Front view of the TILSWALL HVLP Electric Paint Sprayer, Model Alien500, highlighting its main components including the motor housing, handle, trigger, and paint container.

## 5. SETUP

### 5.1 Assembly

The sprayer is designed for easy assembly. Ensure all parts are securely connected before use.



Image: A visual guide demonstrating the simple steps to assemble the paint sprayer, including attaching the paint container and

nozzle.

## 5.2 Paint Preparation

The TILSWALL Alien500 is compatible with paints up to 100din-S viscosity. This includes oil-based, water-based, and other paint types. If using other brands of paint, it may be necessary to thin the paint to achieve the correct viscosity for optimal spraying. Use the included viscosity cup (if applicable) to test the paint's consistency.



Image: A hand pouring paint into the sprayer's container, illustrating the paint filling process.

## 5.3 Nozzle Selection

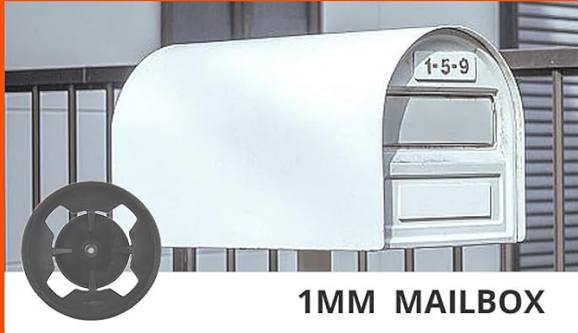
The sprayer comes with 3 nozzles (1.2mm, 1.5mm, 2mm) to accommodate different paint types and project requirements. Select the appropriate nozzle for your application.

- **1.2mm:** Ideal for thinner materials and fine finishes.
- **1.5mm:** Suitable for general-purpose paints and medium viscosity materials.
- **2.0mm:** Best for thicker paints and primers.

# 3 SIZES OF NOZZLES



## Extensive use of different projects



1MM MAILBOX



1.5MM WALL



1.5MM DESK



2MM IRON SHELF

Image: A display of three different nozzle sizes (1mm, 1.5mm, 2mm) and visual examples of their recommended applications, such as mailboxes, walls, desks, and iron shelves.



Image: A close-up view demonstrating the process of replacing a nozzle on the paint sprayer, ensuring proper fitment.

## 6. OPERATING INSTRUCTIONS

### 6.1 Adjusting Spray Modes

The sprayer offers three adjustable spray modes: horizontal, vertical, and round. Rotate the air cap to select the desired pattern.

- **Horizontal:** For spraying horizontal surfaces or wide areas.
- **Vertical:** For spraying vertical surfaces.
- **Round:** For small areas, corners, or detailed work.



Image: A diagram illustrating how to rotate the sprayer's nozzle to switch between different spray patterns (horizontal, vertical, and round).

## 6.2 Adjusting Paint Flow

Use the adjustable knob on the sprayer to control the paint flow rate. This allows for precise and even application, ensuring a professional finish.

## 6.3 Spraying Technique

Maintain a consistent distance from the surface and move the sprayer in smooth, even strokes. Overlap each pass slightly to ensure full coverage without drips or runs.



Image: A person operating the paint sprayer on a surface, demonstrating the spraying action.



## Max. spray viscosity 100din-S

Suitable for a wide range of wood, Wall and metal paints as well as Anti-Corrosion Coatings.

Image: The paint sprayer being used to apply a coating to a wooden surface, illustrating its application for various materials.

### 7. MAINTENANCE AND CLEANING

Proper cleaning after each use is essential for maintaining the sprayer's performance and extending its lifespan.

- **Disconnect Power:** Always unplug the sprayer before cleaning.
- **Empty Paint Container:** Remove any remaining paint from the container.
- **Disassemble:** Carefully disassemble the nozzle, air cap, and paint container.
- **Clean Components:** Use the provided cleaning brush and needle to thoroughly clean all paint-contacting parts with an appropriate cleaning solution (water for water-based paints, mineral spirits for oil-based paints).
- **Rinse:** Rinse all parts with clean water.
- **Dry:** Allow all components to dry completely before reassembly or storage.
- **Filter Paper:** Replace filter paper as needed to ensure clean paint flow.



Image: A visual representation of the sprayer's components being disassembled and cleaned in water, emphasizing the importance of thorough cleaning.

## 8. TROUBLESHOOTING

If you encounter issues with your paint sprayer, refer to the following common solutions:

- **No Spray/Weak Spray:**
  - Check if the nozzle is clogged. Clean thoroughly.
  - Ensure paint is properly thinned to the correct viscosity.
  - Verify the paint container is securely attached and has sufficient paint.
  - Inspect the suction tube for blockages.
- **Uneven Spray Pattern:**
  - Adjust the air cap to ensure the correct spray mode is selected.
  - Clean the nozzle and air cap for any dried paint.
  - Ensure consistent distance and movement during spraying.
- **Paint Dripping:**
  - Reduce paint flow using the adjustable knob.
  - Ensure paint is not too thin.
  - Move the sprayer faster across the surface.
- **Motor Not Starting:**
  - Check if the power cord is securely plugged in.
  - Verify the power outlet is functional.
  - Ensure the on/off switch is in the 'on' position.

## 9. SPECIFICATIONS

Feature	Specification
Brand	TILSWALL
Model Name	Alien500
Item Weight (bare)	0.7 kg (1.54 lbs)
Max. Spray Viscosity	100 din-S
Power Source	Electric
Material	Plastic

Product Dimensions	4.1"W x 10.63"H
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## 10. WARRANTY AND SUPPORT

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TILSWALL offers a 2-year warranty against quality problems. If you encounter any issues with your paint sprayer within this period, please contact TILSWALL customer support for assistance. We are committed to providing a satisfactory solution.

For further support, please visit the official TILSWALL website or contact our customer service team.

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