

Tilswall TW-Shark800-zhongzi2-CA

Tilswall HVLP Paint Sprayer User Manual

Model: TW-Shark800-zhongzi2-CA

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Tilswall HVLP Paint Sprayer. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

The Tilswall HVLP Paint Sprayer is designed for various painting projects, offering high efficiency and versatility. It features an 800W motor, a 1300ml capacity container, and multiple nozzle sizes to accommodate different paint types and spray patterns.



Figure 1: Tilswall HVLP Paint Sprayer components including the main power unit, spray gun, flexible air hose, and various brass nozzles.

SAFETY INSTRUCTIONS

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

- Wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and a respirator.
- Ensure the work area is well-ventilated.
- Keep children and pets away from the work area.
- Do not spray flammable materials near open flames or ignition sources.
- Always disconnect the power supply before cleaning or performing maintenance.
- Refer to paint manufacturer's instructions for specific safety guidelines regarding the paint being used.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts listed in the "What You Will Get" section are present.
2. **Assembly:**
 - Connect the flexible air hose to both the main power unit and the spray gun. Ensure connections are secure.
 - Select the appropriate nozzle (1mm, 1.5mm, 2mm, or 3mm) based on the paint viscosity and desired spray pattern. Attach it securely to the spray gun.
 - Attach the 1300ml capacity container to the spray gun.
3. **Paint Preparation:**
 - Before filling, ensure your paint is properly mixed and free of lumps.
 - Use the included viscosity cup to check the paint's viscosity. If too thick, thin the paint according to the paint manufacturer's recommendations. The sprayer supports a maximum viscosity of 120 DIN-s.
 - Fill the 1300ml container with the prepared paint. The innovative side-adding design allows for easy refilling without removing the container.



Figure 2: Demonstrating the side-adding paint feature, allowing for easy refilling without detaching the container.

OPERATING INSTRUCTIONS

1. **Power Connection:** Plug the power cord into a suitable electrical outlet. The 3-meter power cord provides ample working radius.
 2. **Adjusting Spray Pattern:** The sprayer offers three spray patterns: horizontal elliptical, vertical elliptical, and circular. Rotate the air cap to select the desired pattern.
- 
3. **Adjusting Paint Flow:** Use the paint flow control knob on the spray gun to regulate the amount of paint being sprayed. Start with a lower setting and adjust as needed.
 4. **Test Spray:** Before spraying your actual project, perform a test spray on a piece of scrap material to ensure the desired pattern and flow are achieved.
 5. **Spraying Technique:**
 - Hold the spray gun perpendicular to the surface, maintaining a consistent distance (typically 6-10 inches).
 - Move the spray gun in smooth, even strokes, overlapping each pass by about 50%.
 - Release the trigger at the end of each stroke to avoid paint buildup.



Figure 4: The sprayer's design, including a 2.5-meter air hose, allows for comfortable use on high surfaces and floors, providing excellent performance.



Figure 5: The long 2-meter power cable and 2.5-meter air hose provide extended reach and flexibility for various painting tasks.

MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial to prevent clogging and ensure the longevity of your paint sprayer.

- 1. Disconnect Power:** Always unplug the sprayer from the power outlet before cleaning.
- 2. Empty Container:** Empty any remaining paint from the container.
- 3. Initial Rinse:**
 - For *water-based paints*: Fill the container with clean water and spray it through the gun until the water runs clear.
 - For *oil-based paints*: Fill the container with an appropriate paint thinner (**do not use water**) and spray it through the gun. Repeat with thinner until clean, then rinse with water to remove residual thinner.
- 4. Disassemble and Clean Components:**
 - Disassemble the spray gun components: nozzle, air cap, and paint container.
 - Thoroughly clean all disassembled parts using warm soapy water for water-based paints, or appropriate thinner for oil-based paints. Use the included cleaning needle and brush to remove any paint residue from nozzles and internal passages.
 - Pay special attention to the nozzle and air cap to ensure they are free of clogs.
 - Wipe down the exterior of the spray gun and power unit with a damp cloth.
- 5. Drying and Storage:** Allow all components to dry completely before reassembling and storing the sprayer in a clean, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	Clogged nozzle; Paint too thick; Air hose kinked; Container empty.	Clean nozzle; Thin paint; Straighten hose; Refill container.
Uneven spray pattern	Partially clogged nozzle; Incorrect air cap adjustment; Inconsistent spraying distance.	Clean nozzle thoroughly; Adjust air cap; Maintain consistent distance.
Paint dripping	Nozzle loose; Paint flow too high; Worn seals.	Tighten nozzle; Reduce paint flow; Check and replace seals if necessary.
Motor not starting	No power; Faulty switch.	Check power connection; Contact customer support if switch is faulty.

SPECIFICATIONS

- **Model:** TW-Shark800-zhongzi2-CA
- **Power:** 800W
- **Max Spray Speed:** 1200 ml/min
- **Max Viscosity:** 120 DIN-s
- **Container Capacity:** 1300 ml
- **Nozzle Sizes:** 1mm, 1.5mm, 2mm, 3mm (Brass)
- **Spray Patterns:** Horizontal, Vertical, Circular
- **Air Hose Length:** 2.5 meters
- **Power Cord Length:** 3 meters
- **Material:** Plastic (main body), Brass (nozzles)
- **Product Dimensions:** 16.8 x 16.8 x 24.5 cm
- **Weight:** 2.84 kg

WARRANTY AND SUPPORT

Tilswall offers a 2-year warranty for quality problems with the paint sprayer. If you encounter any issues, please contact Tilswall customer support for assistance.

For further support or inquiries, please visit the official Tilswall website or refer to the contact information provided with your purchase.

© 2025 Tilswall. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question