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› TriTech T4 Airless Sprayer - Skid Model User Manual

TriTech 874526009960

TriTech T4 Airless Sprayer - Skid Model User Manual

Model: 874526009960

1. PRODUCT OVERVIEW

The TriTech T4 Airless Sprayer is a professional-grade skid model designed for efficient and precise paint application. It features Precision Motor Control (PMC) which intelligently matches motor speed to the selected pressure and tip size, ensuring consistent performance without pulsation. Its robust all-metal construction and balanced fluid manifold contribute to its durability and reliability for professional use. This model is lightweight and easy to transport, making it suitable for various job sites.



Image: The TriTech T4 Airless Sprayer, a compact skid model, shown on a textured metal surface.

2. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the TriTech T4 Airless Sprayer. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **High Pressure Hazard:** Paint sprayers operate at extremely high pressures. Do not point the spray gun at anyone or any part of the body. Always engage the trigger lock when not spraying.
- **Electrical Safety:** Ensure the sprayer is properly grounded. Do not operate in wet conditions or expose to rain. Use only properly rated extension cords.
- **Ventilation:** Operate the sprayer in a well-ventilated area to prevent accumulation of flammable vapors.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including eye protection (safety glasses or goggles), gloves, and a respirator or mask suitable for paint fumes.
- **Flammable Materials:** Do not spray flammable materials near open flames, pilot lights, or other ignition sources.
- **Chemical Compatibility:** **CAUTION:** TriLube should not be used in pumps with rubber packings, in-line oilers

or air motors. Test for compatibility with all coatings.

3. COMPONENTS AND PACKAGE CONTENTS

Your TriTech T4 Airless Sprayer package includes the following components:

- TriTech T360 spray gun
- Contractor 517 spray tip
- TriTech tip guard
- Paint sprayer hose
- Liquid filled pressure gauge
- Hopper

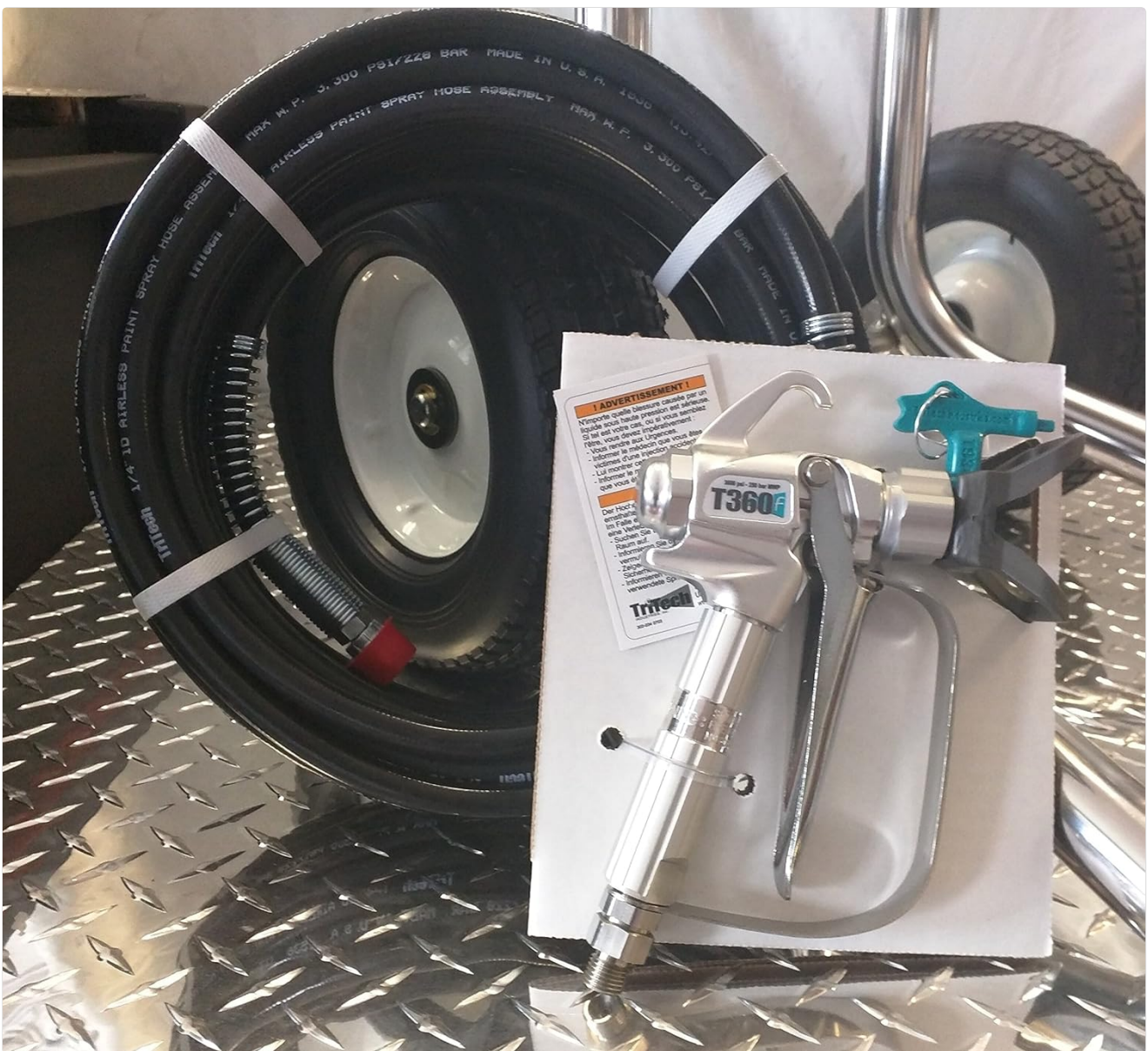


Image: Included accessories: TriTech T360 spray gun, 517 tip, tip guard, and a coiled paint sprayer hose.

4. SETUP

Follow these steps to set up your TriTech T4 Airless Sprayer for operation:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Connect Hose:** Securely attach one end of the paint sprayer hose to the fluid outlet on the sprayer and the other end to the spray gun. Ensure all connections are tight to prevent leaks.
3. **Install Tip and Guard:** Attach the TriTech tip guard to the spray gun. Insert the 517 spray tip into the guard and secure it.
4. **Connect Hopper:** Attach the hopper to the sprayer's inlet. Ensure it is clean and free of debris.
5. **Prime the Sprayer:** Place the suction tube into a bucket of water or appropriate priming fluid. Turn the prime/spray valve to the prime position. Turn on the sprayer and allow it to run until all air is purged from the system and fluid flows smoothly from the prime hose.
6. **Prepare Material:** Once primed, place the suction tube into your paint or coating material. Turn the prime/spray valve to the spray position.

5. OPERATING INSTRUCTIONS

Proper operation ensures optimal results and extends the life of your sprayer:

1. **Adjust Pressure:** Use the pressure control knob to set the desired pressure. Start with a lower pressure and gradually increase until you achieve a consistent, even spray pattern without tails.
2. **Test Spray:** Always test your spray pattern on a piece of scrap material before applying to your project surface.
3. **Spraying Technique:** Maintain a consistent distance (typically 10-12 inches) from the surface. Move the gun in smooth, even strokes, overlapping each pass by approximately 50%. Release the trigger at the end of each stroke.
4. **Clearing Tip Clogs:** If the spray tip clogs, engage the trigger lock, rotate the tip 180 degrees to the unclog position, spray briefly to clear, then rotate back to the spray position.
5. **Shutting Down:** When finished, turn off the sprayer, engage the trigger lock, and relieve pressure by turning the prime/spray valve to prime and holding the gun over a waste bucket until pressure is released.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and performance of your TriTech T4 Airless Sprayer:

- **Daily Cleaning:** After each use, thoroughly flush the sprayer with appropriate cleaning solution (water for latex, mineral spirits for oil-based paints) until the fluid runs clear.
- **Filter Maintenance:** Regularly clean or replace the manifold filter and gun filter. Clogged filters can lead to poor spray patterns and reduced performance.
- **Pump Lubrication:** Apply pump lubricant (such as TriLube, ensuring compatibility as noted in safety section) to the pump rod daily or as recommended by the manufacturer to keep packings lubricated.
- **Tip Care:** Clean spray tips after each use. Store them in tip saver fluid to prevent drying and clogging.
- **Hose Care:** Drain and coil the hose properly after cleaning. Avoid kinking the hose.
- **Storage:** Store the sprayer in a clean, dry, and temperature-controlled environment. For long-term storage, fill the pump with pump protector fluid.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
No Pressure / Low Pressure	Clogged filter, worn packings, air in system, prime valve open.	Clean/replace filters, check for leaks, re-prime unit, close prime valve.
Poor Spray Pattern / Tails	Worn spray tip, incorrect pressure, material too thick.	Replace spray tip, increase pressure, thin material if necessary.
Motor Runs But No Flow	Inlet/outlet valve stuck, suction tube clogged, no material.	Clean valves, clear suction tube, ensure material supply.
Leaking from Gun/Hose	Loose connections, damaged O-rings/seals.	Tighten connections, inspect and replace O-rings/seals.

8. TECHNICAL SPECIFICATIONS

- **Brand:** TriTech
- **Model Name:** TriTech T4 Sprayer
- **Item Model Number:** 874526009960
- **Power Source:** Electric
- **Material:** Metal
- **Item Weight:** 85 Pounds
- **Maximum Pressure:** 3300 PSI (Pound per Square Inch)
- **Hose Length:** 50 Feet
- **Recommended Uses:** Painting

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact TriTech customer service. Keep your purchase receipt and model number handy for faster service.

Refer to the official TriTech website or your purchase documentation for the most current warranty terms and contact details.

