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Titan Impact X 440 Skid (Model 2429069)

Titan Impact X 440 Electric Airless Paint Sprayer

USER MANUAL

Model: Impact X 440 Skid (2429069)

1. INTRODUCTION

The Titan Impact X 440 Electric Airless Paint Sprayer is engineered for professional painting tasks, offering enhanced features and performance for increased productivity. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your paint sprayer. It is designed to spray stains, lacquers, enamels, latex, and other low to medium viscosity coatings.

2. SAFETY INFORMATION

WARNING: Read and understand all safety warnings and instructions before operating this equipment. Failure to follow warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and a respirator, when operating or maintaining the sprayer.
- Ensure proper ventilation in the work area to prevent the accumulation of hazardous fumes.
- Exercise caution when adding oil, handling pressurized liquids, and working with chemicals.
- Never point the spray gun at yourself or others. Always engage the trigger lock when not spraying.
- Depressurize the system before cleaning, checking, or servicing any part of the sprayer. Use the Lever Action Prime Spray Valve to gradually release pressure.
- In case of a stuck lower ball valve, use the **Sureflo Pusher Valve** as intended to release it without using a hammer.
- Keep children and pets away from the work area.

- Ensure the power source (120V) matches the sprayer's requirements and use a grounded outlet.

3. PRODUCT OVERVIEW AND FEATURES

The Titan Impact X 440 is designed for durability and efficiency, featuring several innovations to enhance your painting experience.



Figure 3.1: The Titan Impact X 440 Electric Airless Paint Sprayer, showcasing its compact skid design and integrated hose management.



Figure 3.2: Side view of the Impact X 440, highlighting the robust construction and the included RX-80 Spray Gun.

- **Logix Adaptive Pressure Control System:** Designed with tip sensing technology, this system minimizes pressure while maximizing efficiency, ensuring consistent spray patterns.
- **PermaLife Cylinder:** Engineered for longevity, this cylinder never wears and never needs replacing, reducing maintenance and downtime.
- **Quad+ Packings:** These packings are designed to wipe abrasive coatings clean during operation, preventing damage to the piston or the main sealing lip.
- **Sureflo Pusher Valve:** Allows for easy release of a stuck lower ball valve without the need for external tools.
- **Electronic Pressure Control with Rapid Clean:** Speeds up the flushing and clean-up process, making post-job tasks quicker and more efficient.
- **Full Size Manifold Filter:** Provides superior filtration for smoother operation and extended component life.
- **Exclusive Carrying Handle:** An adjustable ergonomic handle maximizes comfort, grip, and portability, making transport easier.
- **Lightweight Compact Design:** Approximately 30% lighter than comparable offerings with a smaller footprint, enhancing maneuverability on job sites.

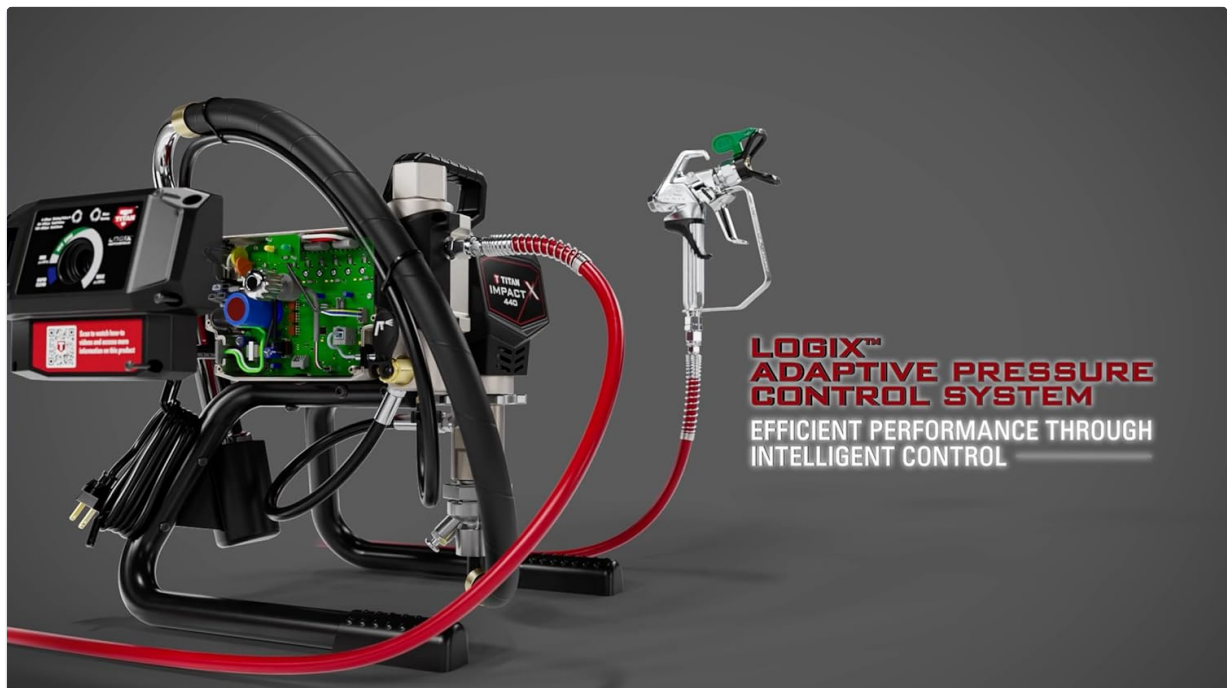
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Video 3.1: An official video demonstrating the smart design features and operational benefits of the Titan Impact X 440 paint sprayer.



ULTIMATE POWER
DURALIFE™
BRUSHLESS HE MOTOR
THE MOST POWERFUL TITAN MOTOR EVER

Figure 3.3: Detailed view of the internal components, highlighting the powerful DuraLife Brushless HE Motor.



LOGIX™
ADAPTIVE PRESSURE
CONTROL SYSTEM
EFFICIENT PERFORMANCE THROUGH
INTELLIGENT CONTROL

Figure 3.4: Diagram illustrating the Logix Adaptive Pressure Control System for efficient performance.

4. SETUP

Before initial use, ensure all components are present and properly connected.

1. **Unpacking:** Carefully remove all items from the packaging. Verify that the 517 HEA Spray Tip, Operation Guide, RX-80 Airless Spray Gun, and 1/4" x 50' Airless Hose are included.
2. **Hose Connection:** Connect the 1/4" x 50' airless hose to the sprayer's fluid outlet and to the RX-80 spray gun. Ensure all connections are tight to prevent leaks.
3. **Tip Installation:** Install the 517 TR1 Reversible Tip onto the spray gun. Refer to the spray gun manual for specific instructions on tip installation and orientation.
4. **Power Connection:** Connect the sprayer to a grounded 120V power source.
5. **Priming:** Place the return hose into a waste bucket or back into the paint container (if priming with paint).

Turn the Lever Action Prime Spray Valve to the prime position. Turn on the sprayer and allow it to prime until fluid flows smoothly without air bubbles.

6. **Filter Housing:** Ensure the Vertical No Spill Filter Housing is securely in place. This housing cleans and drains up to 3x faster with less water.

5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your Titan Impact X 440.

1. **Material Preparation:** Ensure your paint or coating material is properly mixed and free of debris. Strain the material if necessary to prevent clogs.
2. **Pressure Adjustment:** Use the electronic pressure control dial to set the desired pressure. Start with a lower pressure and gradually increase until you achieve an even spray pattern without