

# TriTech

MADE IN THE U.S.A.

## HIGH PERFORMANCE

### FOR THE PROFESSIONAL PAINTER

# T4

**Airless  
Sprayer**  
*Shown  
complete  
on a Stand*



# T5

**Airless  
Sprayer**  
*Shown  
complete  
on a  
Stand*



# T7

**Airless Sprayer**  
*Shown complete  
on the Hi-Cart*



# T9

**Airless Sprayer**  
**COMING  
SOON**



# AIRLESS PAINT SPRAYERS



# TriTech

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## HIGH PERFORMANCE FOR THE PROFESSIONAL PAINTER

The TriTech T4, T5, T7 and T9 are designed and manufactured at our state of the art machining facility in Union, New Jersey USA. Innovations in design utilizing high quality unique materials and efficient manufacturing processes result in a precision built airless sprayer and accessories that last longer than any other unit in their class. **PMC** (Precision Motor Control) precisely matches the motor output to the tip size you are using. This results in lower power consumption at all pressures giving you the versatility to work under most any job site conditions and apply a wider variety of materials resulting in a superior finish. This means you will get higher performance, less down time, more coatings sprayed at the end of the year and more satisfied customers. Our manufacturing and engineering group has been in the airless industry for more than 25 years. Coupling precision manufacturing with engineering innovations results in a longer lasting higher quality product. Painting is a tough job with many demands on your time and ability. TriTech pumps are built tough to make sure they will work as hard as you do, every day.

**At TriTech our objective is to design and manufacture the longest lasting airless pumps and accessories.**

# T4

## Airless Sprayer

Lo-Cart Complete  
599-806



Hi-Cart Complete  
599-804



Hopper Complete  
599-802



- Precision Motor Control **PMC**.
- Balanced fluid manifold.
- No pulsation delivery of paint at any pressure setting.
- No Cylinder to wear out.
- Light weight, easy to carry.
- Professional Airless Sprayer
- All metal construction.
- Available on a stand or Hi/Lo carts or stand with a hopper.

Stand Complete  
599-800



### T4 AIRLESS SPRAYER

#### Specifications

Max Pressure	3300 psi (226 bar)
Max Tip	0.023
Max GPM	0.57 (2.17lpm)
Motor HP	1.1 HP
Weight Stand	33 lbs (15kg)
Hi-Cart	67 lbs (30kg)
Lo-Cart	67 lbs (30kg)

#### DESCRIPTION

#### PART #

T4 Stand 110V Comp	599-800
T4 Stand 220V Comp	599-810
T4 Hopper 110V Comp	599-802
T4 Hopper 220V Comp	599-812
T4 Hi Cart 110V Comp	599-804
T4 Hi Cart 220V Comp	599-814
T4 Lo Cart 110V Comp	599-806
T4 Lo Cart 220V Comp	599-816



# TriTech **T5** Airless Sprayer

Lo-Cart Complete  
600-806



Hi-Cart Complete  
600-804



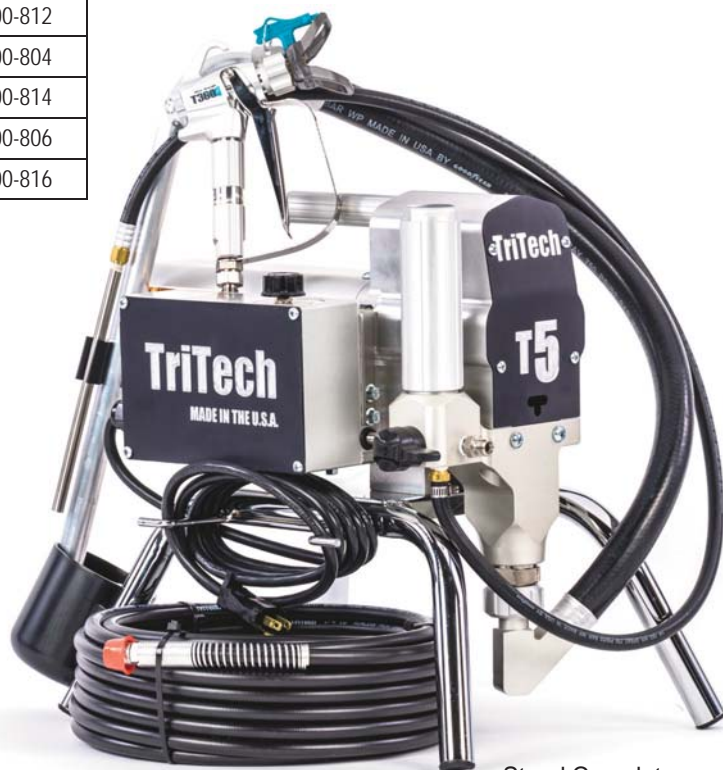
Hopper Complete  
600-802



T5 AIRLESS SPRAYER	
Specifications	
Max Pressure	3300 psi (226 bar)
Max Tip	0.025
Max GPM	0.67 (2.55lpm)
Motor HP	1.3 HP
Weight Stand	42 lbs (19kg)
Hi-Cart	72 lbs (35kg)
Lo-Cart	72 lbs 35kg)

DESCRIPTION	PART #
T5 Stand 110V Comp	600-800
T5 Stand 220V Comp	600-810
T5 Hopper 110V Comp	600-802
T5 Hopper 220V Comp	600-812
T5 Hi Cart 110V Comp	600-804
T5 Hi Cart 220V Comp	600-814
T5 Lo Cart 110V Comp	600-806
T5 Lo Cart 220V Comp	600-816

- Precision Motor Control **PMC**.
- More powerful motor.
- Longer stroke, 20% more output
- Balanced fluid manifold.
- No pulsation delivery of paint at any pressure setting.
- No Cylinder to wear out.
- Long life pump.
- Light weight, easy to carry.
- Professional Airless Sprayer
- All metal construction.
- Available on a stand or Hi/Lo carts or stand with a hopper.



Stand Complete  
600-800

# TriTech Airless Sprayer

## T7 AIRLESS SPRAYER

### Specifications

Max Pressure	3300 psi (226 bar)
Max Tip	0.027
Max GPM	0.77 (2.93 lpm)
Motor HP	1.6 HP
Weight Stand	47 lbs (21 kg)
Hi-Cart	77 lbs (35 kg)
Lo-Cart	77 lbs (35 kg)

DESCRIPTION	PART #
T7 Stand 110V Comp	600-830
T7 Stand 220V Comp	600-840
T7 Hopper 110V Comp	600-832
T7 Hopper 220V Comp	600-842
T7 Hi Cart 110V Comp	600-834
T7 Hi Cart 220V Comp	600-844
T7 Lo Cart 110V Comp	600-836
T7 Lo Cart 220V Comp	600-846

- Precision Motor Control **PMC**.
- More powerful motor.
- Longer stroke, 20% more output.
- Balanced fluid manifold.
- No pulsation delivery of paint at any pressure setting.
- No Cylinder to wear out.
- Long life pump.
- Light weight, easy to carry as a stand model.
- Most powerful hand carry unit in its class.
- Professional Airless Sprayer.
- All metal construction.
- Available on a stand or Hi/Lo carts or stand with a hopper.



Hi-Cart Complete  
600-834



Lo-Cart Complete  
600-836



Hopper Complete  
600-832

Stand Complete  
600-830

# TriTech Airless Sprayer

T9 AIRLESS SPRAYER	
Specifications	
Max Pressure	3300 psi (226 bar)
Max Tip	0.031
Max GPM	1.05 (4 lpm)
Motor HP	2.1 HP
Hi-Cart	97 lbs (44 kg)
Lo-Cart	97 lbs (44 kg)

DESCRIPTION	PART #
T9 Hi Cart 110V Comp	600-804
T9 Hi Cart 220V Comp	600-814
T9 Lo Cart 110V Comp	600-806
T9 Lo Cart 220V Comp	600-816

- Precision Motor Control **PMC**.
- More powerful motor. PMDC efficiency results in lowest. amperage use in its class
- 10% more output then competitive model.
- Balanced fluid manifold.
- No pulsation delivery of paint at any pressure setting.
- No Cylinder to wear out.
- Long life pump.
- Professional Airless Sprayer.
- All metal construction.



Airless Sprayer  
**COMING  
SOON**



# The TriTech Difference

## CONTROLLER

### PMC Precision Motor Control

- All TriTech airless sprayers use Precision Motor Control **PMC**.
- Microprocessor is programmed to perform at maximum efficiency for each tip size ensuring consistent spray pattern at all pressure settings.
- Motor speed is synced with pump output to create consistent fan pattern at any pressure settings. Excellent for fine finish work with stains and lacquers or high production painting jobs.
- Circuit board is designed to withstand real world conditions and potential irregular voltage delivery from generators or temporary service like seen on new construction. All components in the Controller are; Made in America.
- High Quality potentiometer enables precise pressure control at all settings.
- Pressure sensing is performed by an electronic pressure transducer. Proven technology.
- On off switch has thermal over-load protection also serves as a circuit breaker to protect components in low voltage or power spike conditions.
- Electrical component are cooled by heat sink which utilizes air flow to draw heat away from control box.
- Control box and Heat sink constructions are made from high grade aluminum. Unique directed air flow over the heat sink keeps the motor and all control components cool for increased reliability. The control box has gasket seals on front cover plate and back plate to keep all internal components dry and clean from contaminants.
- Low speed priming and cleaning extends service life of fluid manifold.



## FRAME Carts and Stand

- The Hi/Lo-Carts are chrome plated over heavy walled steel tubing for durability.
- The semi-pneumatic tires give no flat reliability. T9 uses pneumatic tires to absorb impact and add greater mobility on the job site.
- Heavy duty Stainless steel Pail hook on the Hi Cart makes easy work of moving the unit with paint pail.
- Hi and Lo carts are light weight but they are built to handle toughest job sites. Sprayer and cart are balanced to make moving the unit across the job site easy
- Stand unit also chrome plated with heavy walled tubing construction and the balanced design makes carrying the unit easy.

# Is Precision Manufacturing

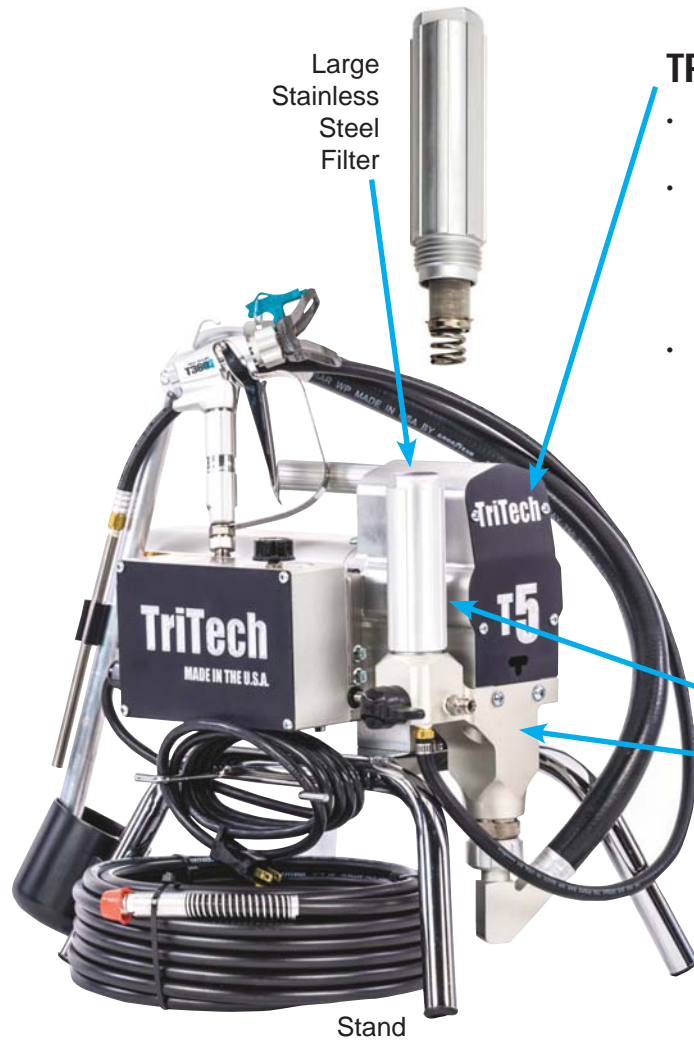
## TRITECH PMDC ELECTRIC MOTORS

- T4 motor produces 1.1 HP, the T5 motor produces 1.3 HP, The T7 motor produces 1.6HP and the T9 motor produces 2.1HP
- Motor cover is manufactured from high grade aluminum. Aluminum conducts heat away from critical components unlike plastic which is an insulator and keeps the heat in. The motor cover and control box unique designs promote efficient use of air flow to optimize horsepower and extend the service life of the motor and controller.
- Steel cut and precision ground gears transfer the power of the motor to the pump/filter manifold with high efficiency and less noise. The special synthetic grease used also helps to transfer heat extending bearing and gear life.
- Lifetime warranty on motor and drive-train. Additionally we will replace the motor brushes if they are worn. The special composite material used extends the brush life so it is unlikely you will ever wear them out.



## PUMP/FILTER/ MANIFOLD

- Unique design for inserting the piston while repacking the pump ensures correct alignment through both packings. Slide the piston into the intake valve assembly and thread intake valve into pump manifold. It's that easy. No hammering required!
- Tungsten carbide inlet and outlet ball outlast stainless steel balls increasing reliability.
- One manifold for both the filter and pump section. Large porting connects the pump to the filter. No hoses to get damaged. Easy to clean and promotes proper drainage to keep filter and pump manifold clear of debris. Prevents damage due to freezing.
- Aerospace grade materials used in the pump. No component in the fluid manifold will ever rust. Long duty life of packings, piston rod and seats. Large ported manifold has unrestricted material flow and ease of proper maintenance. Large all stainless steel filter screen with outside in flow makes maintenance fast and easy. Filter bowl is hand tight so access requires no tools.
- Pressure relief valve housing is made from high quality stainless steel and the ball and seat are made from TriTech proprietary carbide blend for long duty life and reliability.
- **No tools needed to access/remove the suction set or intake valve assembly. Only 2 bolts to remove/attach the pump/filter manifold to the crank housing.**



**No  
component  
in the  
pump manifold  
will ever rust**





## TriTech Industries 90,000 sf 10,000 sqmtr



TriTech Industries Inc. began in 2005 producing airless tips, guns and other innovative accessories. We are part of a larger manufacturing group of companies which has been around since 1955. These companies produce a wide variety of parts for many different companies. For example, parts for military helicopters, missiles, components for super computers, shock absorbers as well as countless other industrial, military and aerospace machined parts. As a part of this award winning manufacturing group TriTech shares the same pride in our manufacturing capabilities and can produce at a level of precision not seen in this industry before. The care and precision that goes into every part we make is exactly the same. It starts with an innovative design which incorporates the highest quality material resulting in long duty life. Then we select the right machining center to make the part with high precision and efficiently. Finally the part goes through rigorous inspection to make sure it is right. TriTech's Engineering and Sales Team have been in the airless industry for over 25 years. Our goal is to couple that experience with our precision manufacturing group to produce an airless sprayer with the longest duty life. Durability and Reliability are the basis of all our designs. If you have used our airless tips and guns you already know we are serious about quality. So when it's time to replace that old airless think about TriTech as an American made alternative.



**TriTech**   
MADE IN THE U.S.A.

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