

Trittech

Airless Pumps

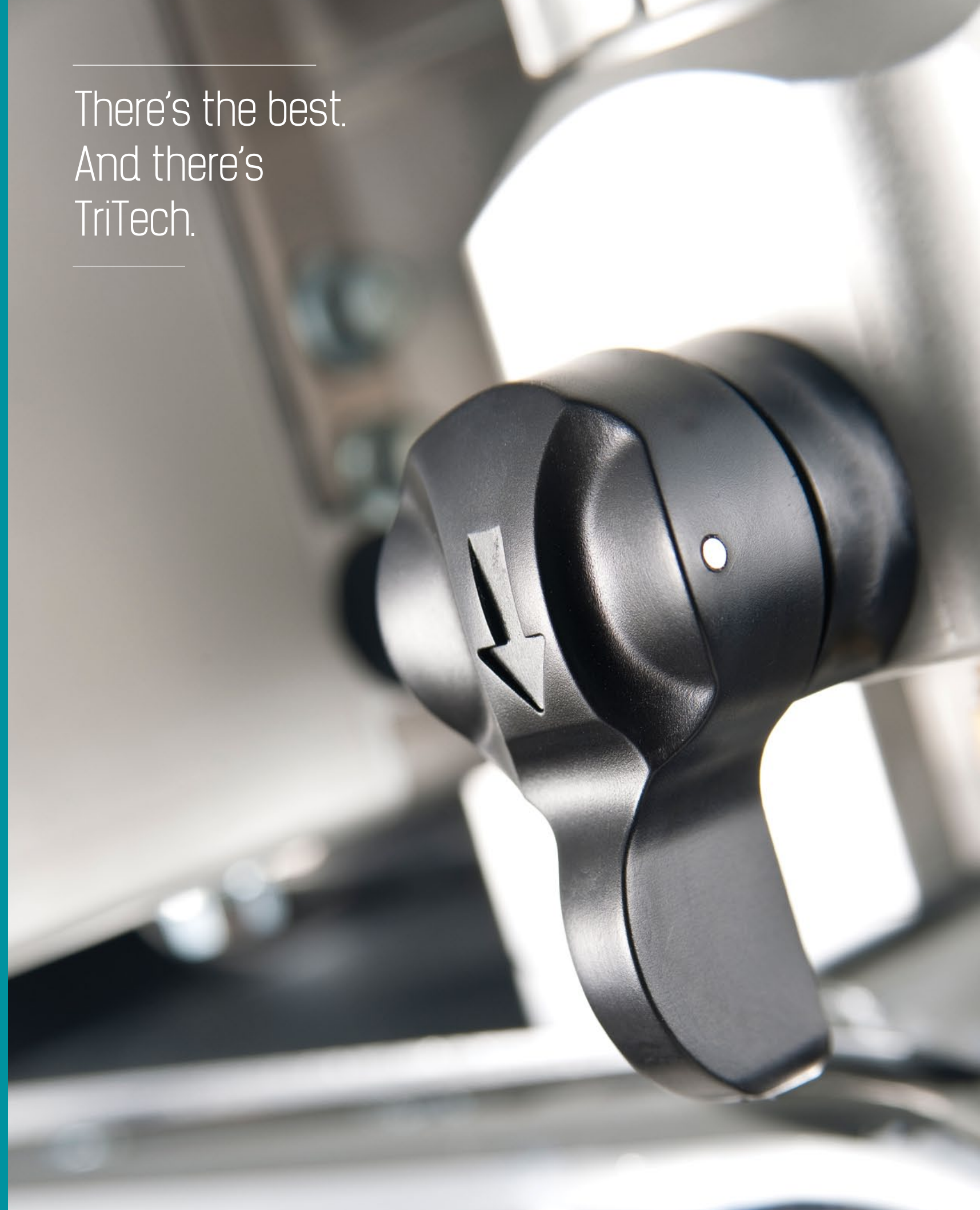


There's the best.
And there's
TriTech.

Even the warranty had to be re-designed.

TriTech takes great pride in its manufacturing capabilities and that all of their equipment is '100% USA Designed & Manufactured'. We believe that if you're going to put your name on something – you need to be prepared to back it up. TriTech are – with a lifetime warranty.

The motor, including the brushes and drivetrain of any TriTech airless sprayer are warranted under normal use and service against defects in craftsmanship or material for the lifetime of the product. All other components are covered against defects in craftsmanship or material for three years from date of purchase.



TriTech

Airless Pumps

02/03

The ethos

When TriTech set out to design and manufacture a range of airless paint spraying pumps they only had one objective.

To make them the best.

Designed and manufactured at their state of the art facility in New Jersey, USA these all-new TriTech pumps incorporate innovations in design that utilise the highest quality unique materials and efficient manufacturing processes. The result?

Precision built, ultra-reliable, long lasting airless sprayers.

The innovative ideas that make these units simple to use and long lasting comes from years of experience in the spray painting industry plus TriTech's immense manufacturing experience. Painting is a tough job with many demands on your time and ability. Why add to these demands by using inferior equipment?

TriTech airless sprayers. Built tough to make sure they will be there when you need them.

USA produced high grade aluminium is used for all exterior parts. It gives the units incredible strength, helps them to run cool – plus the smooth exterior is just so easy to keep clean. It's one of many advantages gained from being part of a precision manufacturing group of companies, where collective experiences are used to source specialized raw materials that will ensure every part is manufactured to the highest quality. Great, but what's in it for me?

Higher consistent performance, a radical reduction in down time – and more litres sprayed at the end of the year.



TriTech

Airless Pumps

04/05

Tough frames



Making the best airless paint sprayers is fine, but what about when they are being used out there in the real world, on some of the toughest job sites going?

If the frame can't take it, the rest of it won't.

Whether it's Hi-Cart or Stand, all TriTech pumps are built round a heavy walled steel tubing frame that is fully chromium plated for durability. Nothing else will do. Both units are carefully designed to ensure perfect balance for moving them across site. There's even a heavy duty stainless steel pail hook on the Hi-Cart that makes easy work of moving the unit complete with a 20 litre bucket.

All designed for low stress use where it matters the most - on site.

Even the tyres have been thought about. They are semi-pneumatic for no-flat reliability.

These pumps are built to be used. All day, every day.



TriTech

Airless Pumps

06/07

Long life motors



The electric motors used in TriTech airless sprayers have been designed from the beginning to exactly suit the specification of the pump. The T5 produces 820 watt (1.1 hp) and the T7 1050 watt (1.4 hp). Both are PMDC (permanent magnet direct current).

They're warranted for the lifetime of the sprayer.



The lifetime warranty is just that. You're covered for the life of the sprayer. If any part of the motor and drivetrain breaks or malfunctions while in normal use and service it will be replaced or repaired at no cost to you. This includes the motor brushes, a specially formulated composite material is used which extends the brush life so much that it is unlikely that you will ever wear them out.

It's unique to the industry. Like the pumps.

Steel cut and precision ground gears transfer the motor power to the pump with high efficiency and less noise than comparable pumps.

Synthetic grease is used throughout to help transfer heat for extended bearing and gear life.

The motor cover is manufactured from high grade aluminium.

Aluminium conducts heat away from critical components, unlike plastic which is so often used for motor covers. Plastic acts as an insulator and actually keeps the heat in. The unique design of the cover promotes efficient use of air flow - this optimises the motor power while still contributing to its extended service life.

Unique design features ensure reliability and longevity – they're what you need most when you're out on a job.



TriTech

Airless Pumps

08/09

A flexible controller



The motor speed control is fully variable, even when spraying below 1500psi (100bar). When working at lower pressures for the precise application of fine finish coatings the pressure is held constant with no variation.

Power without control is no good for spray painting.



The microprocessor is programmed to perform at maximum efficiency for each tip size ensuring a consistent spray pattern at all pressure settings. Low speed priming and cleaning extends the service life of the pump manifold. All components in the controller are "Made in America". A high quality potentiometer enables precise pressure control at all settings, with pressure sensing performed by an electronic pressure transducer.

All proven technology. It's 100% Made in USA – and it works.

Electrical components are cooled by a heat sink which utilizes air flow to draw heat away from the control box. Both the control box and heat sink are made from high grade aluminium. Air flow is directed over the heat sink and thus keeps the motor and all control components cool for increased reliability. The control box has gasket seals on front and back plates to keep all internal components dry and clean from contaminants.

There's no component that has been left to chance.

The circuit board is designed to withstand real on-site conditions where there is the potential for irregular voltage delivery from generators or temporary service. The on/off switch with thermal overload protection also serves as a circuit breaker to protect components in low voltage or power spike conditions.

Fully built-in protection against fluctuating power supply.

So easy servicing

There's one manifold for both the filter and pump section, with no need for extra tubes and hoses. Large porting connects the pump to the filter. It's easy to clean and promotes proper drainage to keep the filter and pump manifold clear of debris. The all-stainless steel filter screen with outside in flow makes maintenance fast and easy. The filter bowl is hand tight so access requires no tools.

Less down time equals more time on the job. It's better for you, and for your bottom line.

Aerospace grade materials are used for the manufacture of the pump. No component in the pump manifold will ever rust. The 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. The positive shut off it gives means you're always ready to spray.

To make the best product you've got to use the best raw materials. TriTech always has done, and always will.

Minimal tools are needed to remove the suction set or intake valve assembly, with only two bolts required to remove the fluid manifold from the crank housing.



When repacking the pump the unique design for inserting the piston ensures correct alignment through both packings. Slide the piston into the intake valve assembly and thread the intake valve into pump manifold. It's that easy.

You can leave the hammer behind.



TriTech

Airless Pumps

10/11

T5 Electric Airless Pump

Specification

T5 Stand

Max tip	0.025"
Flow/minute	2.27 litres
MWP	227 bar / 3300 psi
Weight	16.8 kg
Power supply	Single phase electric 110 volt
Motor	820 watt PMDC

Lifetime Warranty Included

T5 Hi-Cart

Max tip	0.025"
Flow/minute	2.27 litres
MWP	227 bar / 3300 psi
Weight	30.4 kg
Power supply	Single phase electric 110 volt
Motor	820 watt PMDC



TriTech

Airless Pumps

12/13

T7 Electric Airless Pump

Specification

T7 Stand

Max tip	0.027"
Flow/minute	2.65 litres
MWP	227 bar / 3300 psi
Weight	21.3 kg
Power supply	Single phase electric 110 volt
Motor	1050 watt PMDC

Lifetime Warranty Included

T7 Hi-Cart

Max tip	0.027"
Flow/minute	2.65 litres
MWP	227 bar / 3300 psi
Weight	34.9 kg
Power supply	Single phase electric 110 volt
Motor	1050 watt PMDC



TriTech

Airless Pumps

14/15

Made in the USA



TriTech are a part of a manufacturing group that has been in business continuously since 1955, primarily as a precision manufacturer of parts for a wide range of industries. This includes components for military helicopters, missiles, super computers and OEM shock absorbers as well as countless other industrial, military and aerospace machined parts. As a part of this manufacturing group TriTech shares the same pride in the highest standard of manufacturing and can produce at a level of precision not seen in this industry before. To many manufacturing companies there would be a world of difference between making components used in missiles or super computers and manufacturing airless paint sprayers.

Not to TriTech!

The care and precision that go into every part manufactured is exactly the same. It starts with an innovative product design where the correct material is rigorously researched and selected. Then the right machining centre is selected to ensure the part is manufactured efficiently to the standard required. Finally the part goes through a rigorous inspection process.

Its good enough is not the standard at TriTech.

The engineering and sales team at TriTech have been in the airless industry for over 25 years. Their goal is to couple that experience with the skill available in the precision manufacturing group to produce an airless sprayer that will work for you every day, year in and year out. These pumps are the result of that mission. If you have used TriTech's airless tips and guns you would already know how serious they are about quality.

Next time you need an airless sprayer think TriTech – the quality driven American made alternative.

Accessories



1. TriTech Contractor T360 Airless Spray Gun
Product Code 503-150

2. TriTech Contractor Airless Spray Tip
Product Code QCXXX

3. TriTech Contractor Airless Spray Guard
Product Code QG-999

4. Textile Braided Airless Paint Spray Hose ¼"NPS x 15m
Product Code 61415EETD

5. Manifold Filter
Product Codes
60 mesh: QF0507060
100 mesh: QF0507100
200 mesh: QF0507200

6. Gun Filter
Product Codes
50 mesh: QF0501050
100 mesh: QF0501100
200 mesh: QF0501200

7. Suction Filter
Product Codes
T5 & T7 Carry: QF0574012B
T5 & T7 Hi-Cart: QF0535015C

There's the best.
And there's
TriTech.



www.aristospray.com/tritech
