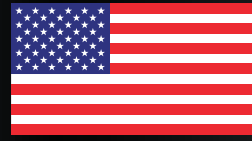


# TriTech



MADE IN THE U.S.A.

## Airless Paint Sprayers

*HIGH PERFORMANCE  
For the Professional Painter*



TriTech offers innovative, high-quality spray equipment products that are developed and manufactured by a management team with over 100 years of combined experience in the professional spray equipment industry.

**1 866 387-4832**

**[www.tritechindustries.com](http://www.tritechindustries.com)**

# TriTech

MADE IN THE U.S.A.

The TriTech T4, T5, T7, T9 and T11 are designed and manufactured in 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 precision built airless sprayers and accessories that last longer than any other units 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 any conditions at most job sites while applying a wider variety of materials for a superior finish. This ensures higher performance, less downtime, more coatings sprayed at the end of the year and, most importantly, more satisfied customers. Our manufacturing capabilities along with engineering innovations provide a longer lasting, higher quality product. Painting is a tough job with many demands on your time and ability. Fortunately, TriTech pumps are built tough and are made to work just as hard as you do every day.

**At TriTech, our goal is to design and manufacture the longest lasting airless pumps and accessories on the market.**

## T4 Airless Sprayer

### FEATURES:

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



## T4 AIRLESS SPRAYER

Specifications		Description	Part #
Max Pressure	3300 psi (226 bar)	T4 Stand Complete 110V	599-800
Max Tip	0.023	T4 Hopper Complete 110V	599-802
Max GPM	.057 (2.17 lpm)	T4 Hi Cart Complete 110V	599-804
Motor HP	1.1 HP	T4 Lo Cart Complete 110V	599-806
Weight Stand	33 lbs (15 kg)	T4 Stand Complete 220V	599-810
Hi-Cart	67 lbs (30 kg)	T4 Hopper Complete 220V	599-812
Lo-Cart	67 lbs (30 kg)	T4 Hi Cart Complete 220V	599-814
		T4 Lo Cart Complete 220V	599-816

# T5 Airless Sprayer



Stand Complete  
600-800

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

## FEATURES:

- 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
- Lightweight, easy to carry
- Professional Airless Sprayer
- All metal construction.
- Available on a stand or Hi/Lo carts or stand with a hopper

Lo-Cart Complete  
600-806

Hi-Cart Complete  
600-804

Hopper Complete  
600-802



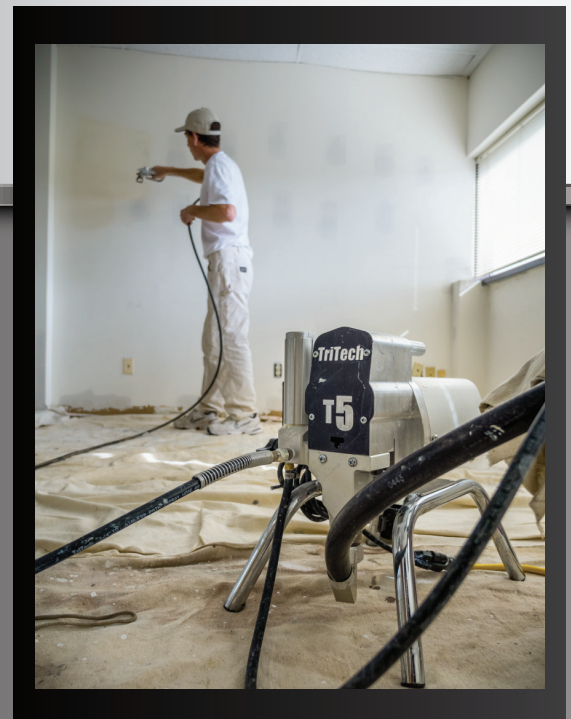
## T5 AIRLESS SPRAYER

### Specifications

Max Pressure	3300 psi (226 bar)
Max Tip	0.025
Max GPM	.067 (2.55 lpm)
Motor HP	1.3 HP
Weight Stand	42 lbs (19 kg)
Hi-Cart	72 lbs (35 kg)
Lo-Cart	72 lbs (35 kg)

### Description

Description	Part #
T5 Stand Complete 110V	600-800
T5 Hopper Complete 110V	600-802
T5 Hi Cart Complete 110V	600-804
T5 Lo Cart Complete 110V	600-806
T5 Stand Complete 220V	600-810
T5 Hopper Complete 220V	600-812
T5 Hi Cart Complete 220V	600-814
T5 Lo Cart Complete 220V	600-816



# T7 Airless Sprayer

## FEATURES:

- 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 it's class.
- Professional Airless Sprayer.
- All metal construction.
- Available on a stand or Hi/Lo carts or stand with a hopper.



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



Hi-Cart Complete  
600-834



Lo-Cart Complete  
600-836



Hopper Complete  
600-832



Stand Complete  
600-830

## T7 AIRLESS SPRAYER

Specifications		Description	Part #
Max Pressure	3300 psi (226 bar)	T7 Stand Complete 110V	600-830
Max Tip	0.027	T7 Hopper Complete 110V	600-832
Max GPM	.077 (2.93 lpm)	T7 Hi Cart Complete 110V	600-834
Motor HP	1.6 HP	T7 Lo Cart Complete 110V	600-836
Weight Stand	47 lbs (21 kg)	T7 Stand Complete 220V	600-840
Hi-Cart	77 lbs (35 kg)	T7 Hopper Complete 220V	600-842
Lo-Cart	77 lbs (35 kg)	T7 Hi Cart Complete 220V	600-844
		T7 Lo Cart Complete 220V	600-846

# T9 Airless Sprayer

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



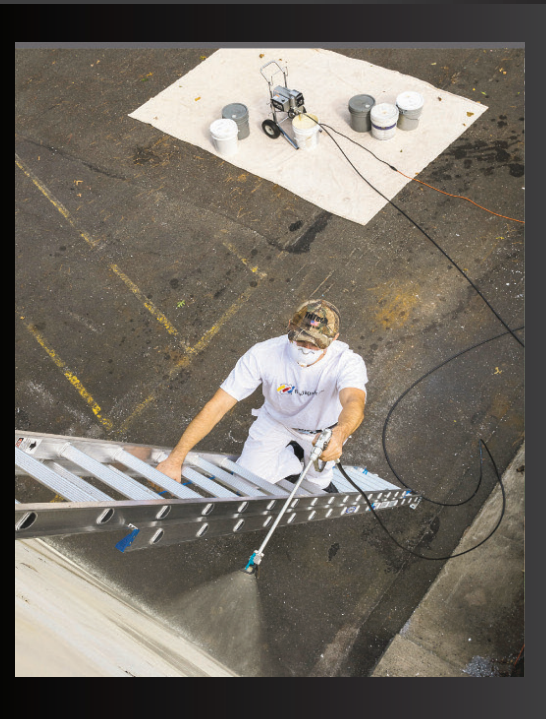
Hi-Cart Complete  
602-804

## FEATURES:

- Precision Motor Control. PMC matches the motor speed to the pressure and tip size selected.
- No pulsation at any pressure with any size tip.
- No Rust Fluid manifold. Only High grade Stainless Steel and Aircraft grade aluminum is used.
- No cylinder to wear out.
- Long Life fluid manifold.
- Built for professional use.
- All metal construction.
- More powerful PMDC motor results in the lowest amperage use in its class.
- High efficiency motor/controller results in 10% more output than competitive models.

## T9 AIRLESS SPRAYER

Specifications		Description	Part #
Max Pressure	3300 psi (226 bar)	T9 Hi Cart Complete 110V	602-804
Max Tip	0.031	T9 Lo Cart Complete 110V	602-806
Max GPM	1.05 (4 lpm)	T9 Hi Cart Complete 220V	602-814
Motor HP	2.1 HP	T9 Lo Cart Complete 220V	602-816
Hi-Cart	97 lbs (44 kg)		
Lo-Cart	97 lbs (44 kg)		



# T11 Airless Sprayer

## FEATURES:

- Precision Motor Control. PMC matches the motor speed to the pressure and tip size selected.
- No pulsation at any pressure with any size tip.
- No Rust Fluid manifold. Only High grade Stainless Steel and Aircraft grade aluminum is used.
- No cylinder to wear out.
- Long Life fluid manifold.
- Built for professional use.
- All metal construction.
- More powerful PMDC motor results in the lowest amperage use in its class.
- High efficiency motor/controller results in 10% more output then competitive models.

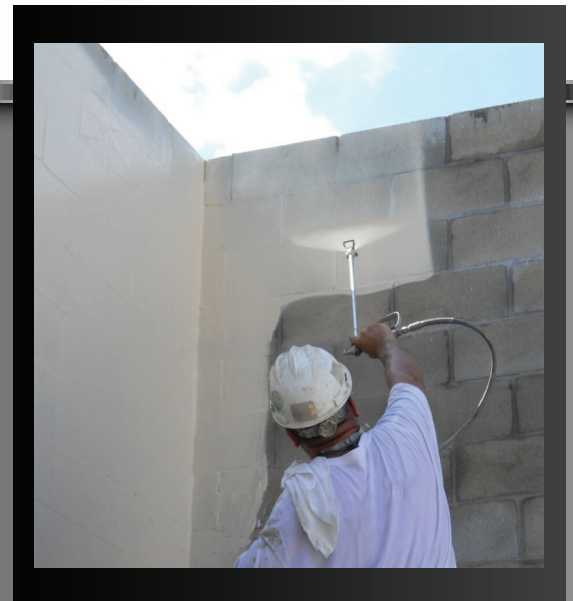
**TriTech**   
MADE IN THE U.S.A.



Hi-Cart Complete  
602-834

## T11 AIRLESS SPRAYER

Specifications		Description	Part #
Max Pressure	3300 psi (226 bar)	T11 Hi Cart Complete 110V	602-834
Max Tip	0.033	T11 Lo Cart Complete 110V	602-836
Max GPM	1.17 (4.45 lpm)	T11 Hi Cart Complete 220V	602-844
Motor HP	2.5 HP	T11 Lo Cart Complete 220V	602-846
Hi-Cart	105 lbs (48 kg)		
Lo-Cart	105 lbs (48 kg)		



# T380<sub>f</sub>

**3800 PSI (260 BAR)**  
**Airless Gun**  
**Work Under Higher Pressure**

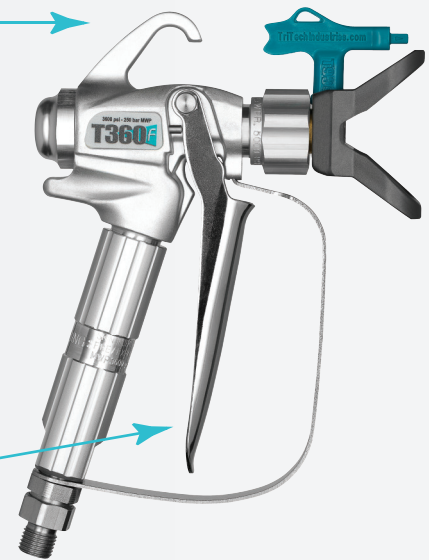
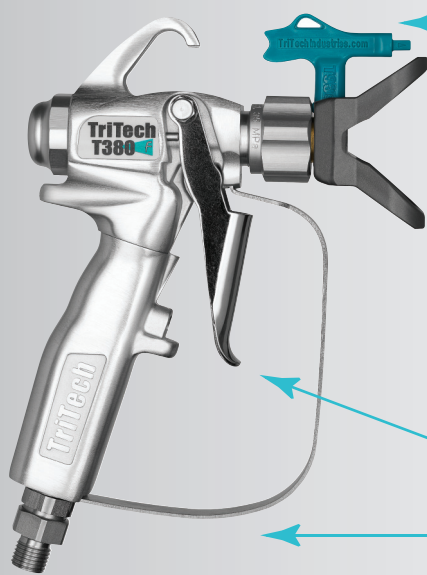
# T360<sub>f</sub>

**3600 PSI (245 BAR)**  
**Airless Gun**  
**High Quality-Refined Design**

The T380 has been designed to work under higher pressure than other competitive guns for a broader range of applications. The aircraft quality aluminum alloy handle, stainless steel and tungsten carbide valve assembly and hose swivel are all precision machined for reliable performance. Reliability you can depend on!

The T360 is a high quality airless spray gun with many beneficial features that will prove itself to you every day. From the light-weight and balanced handle to the comfortable trigger pull and superior valve-stem design. The T360 is professional grade.

The T360 is made from aircraft quality aluminum forgings and extrusions for durability and light weight. All other wetted parts are high quality stainless steel providing exceptional strength and reliability.



Available with  
**T93R Contractor Series  
Tip & Guard**

**No Adjustments -  
Calibrated Spring  
& Valve Stem**

The valve stem assembly  
never needs adjustments -  
even when you rebuild it.

The trigger spring is  
calibrated to provide the least  
resistance while assuring a positive  
shut-off at maximum pressure.

Available with 2-finger or 4-finger triggers.

**Superior Hose Swivel  
is Standard**



**Both Airless Guns with Positive Shut-Off**  
Shut-off valve is located outside the fluid passages  
for reduced friction and longer service life.

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

## T380 SPRAY GUN - 3,800 PSI (260 BAR) MWP

Part No.	Description
501-155	T380 2-Finger with T93R Tip and Guard - 7/8"
501-255	T380 2-Finger with T93R Tip and Guard - 11/16"
501-150	T380 4-Finger with T93R Tip and Guard - 7/8"
501-151	T380 4-Finger with T93R Tip and Guard - 11/16"
501-155 GTH	Gun, Tip & Hose Kit 7/8", 2-Finger
501-150-GTH	Gun, Tip & Hose Kit 7/8", 4-Finger

## T380-T360 FILTERS

Part No.	Description
105-042-2	Coarse/White 50 Mesh 2-Pack
105-043-2	Medium/Yellow 100 Mesh 2-Pack
105-044-2	Fine/Blue 150 Mesh 2-Pack

## T360 SPRAY GUN - 3,600 PSI (245 BAR) MWP

Part No.	Description
503-150	T360 4-Finger with T93R Tip and Guard - 7/8"
503-151	T360 4-Finger with T93R Tip and Guard - 11/16"
503-152	T360 2-Finger with T93R Tip and Guard - 7/8"
503-153	T360 2-Finger with T93R Tip and Guard - 11/16"
503-154	T360 4-finger NO Tip and Guard - 7/8"
503-155	T360 4-finger NO Tip and Guard - 11/16"
503-156	T360 2-finger NO Tip and Guard - 7/8"
503-157	T360 2-finger NO Tip and Guard - 11/16"
503-150 GTH	Gun, Tip & Hose Kit 7/8", 4-Finger
503-152 GTH	Gun, Tip & Hose Kit 7/8", 2-Finger

## T380-T360 SPRAY GUN REPAIR KIT

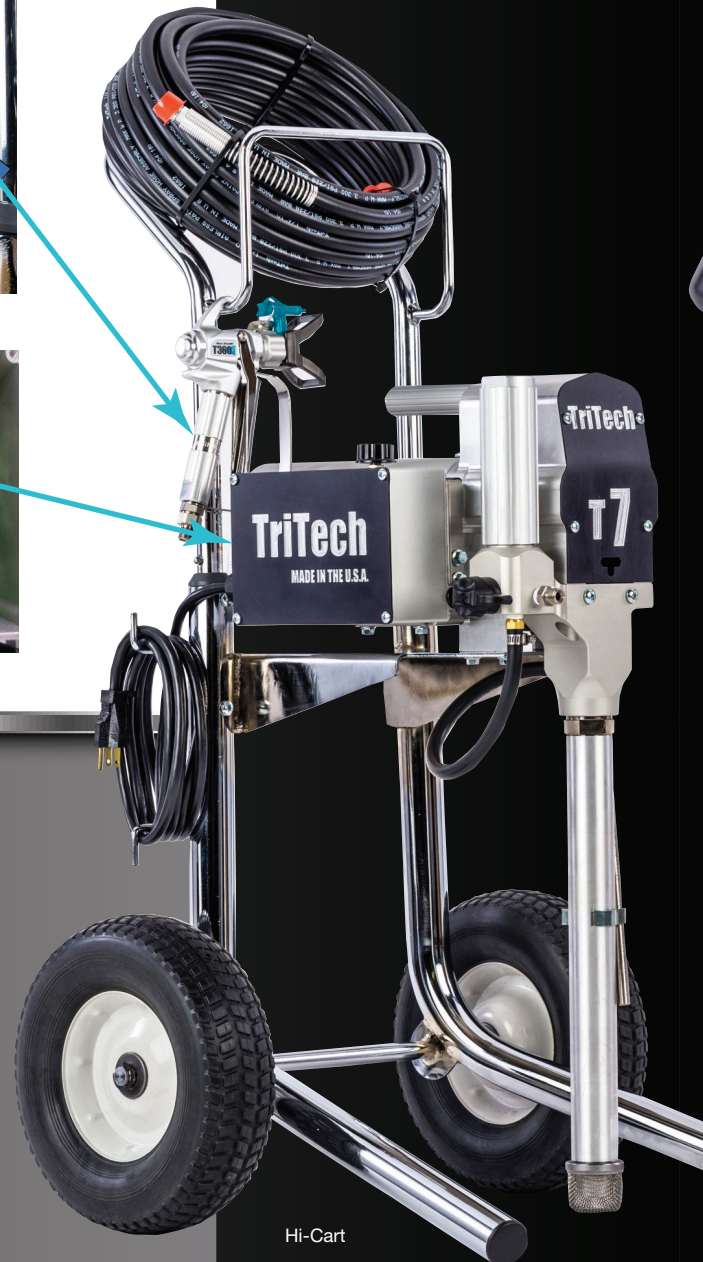
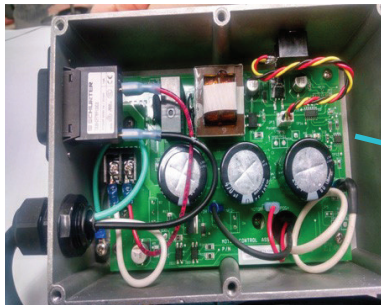
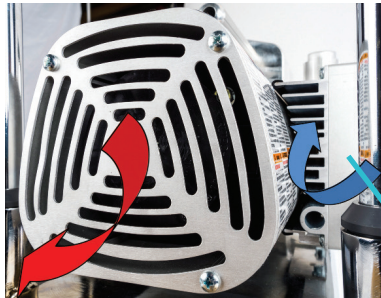
Part No.	Description
503-092	T380-T360 Repair Kit

# 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.
- 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 overload protection also serves as a circuit breaker to protect components in low voltage or power spike conditions.
- Electrical components 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 component cooled for increased reliability. The control box has gasket seals on the front cover plate to keep all internal components dry and clean from contaminants.
- Low speed priming and cleaning extends service life of fluid manifold.

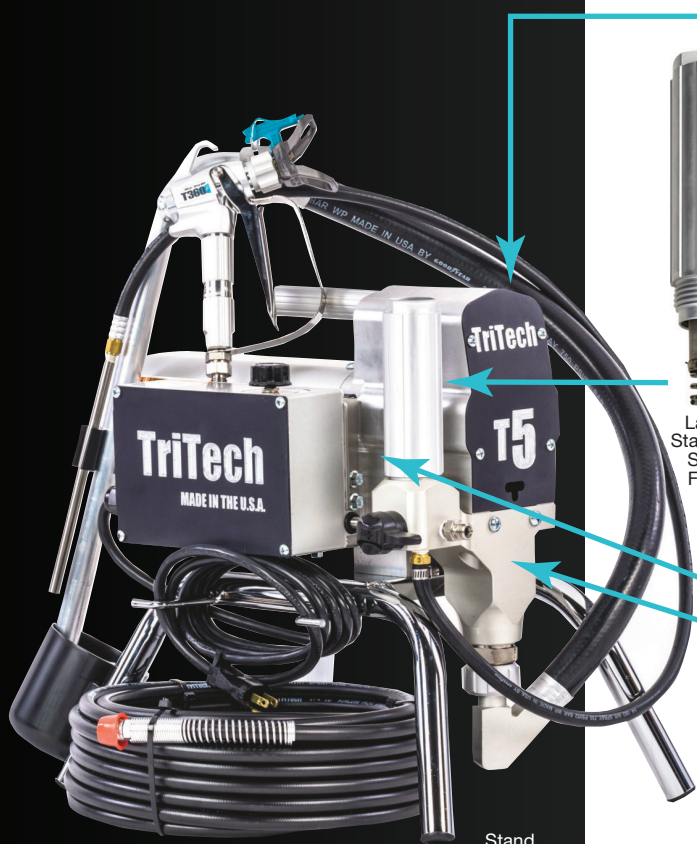


## FRAME: Carts and Stand

- The Hi/Lo Carts are chrome plated over heavy walled steel tubing for durability.
- The semi-pneumatic tires give no flat reliability. T9 and T11 use 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 the 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



Stand

## TRITECH PMDC ELECTRIC MOTORS

- TriTech Electric motor horsepower production: T4 - 1.1HP, T5 - 1.3HP, T7 - 1.6HP, T9 - 2.1HP and T11- 2.5HP.
- 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 design 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.



Large Stainless Steel Filter



## 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 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**



Lo-Cart



## CONTRACTOR SERIES

The T93R is available in 122 fan width and orifice combinations so you can match the right tip to every coating you spray. 5000 PSI (345 BAR)

**Part No: 200-XXX**

## HI-PRODUCTION SERIES

**Part No: 203-XXXX**

Sizes from 203-1219 to 203-1239

Fan Width - Inches										
GPM	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	LPM
0.05	107	207	307	407						.020
0.09	109	209	309	409	509	609				0.33
0.12	111	211	311	411	511	611				0.49
0.18	113	213	313	413	513	613	713	813		0.69
0.24	115	215	315	415	515	615	715	815		0.91
0.31	117	217	317	417	517	617	717	817	917	1.17
0.38		219	319	419	519	619	719	819	919	1.47
0.47		221	321	421	521	621	721	821	921	1.79
0.57		223	323	423	523	623	723	823	923	2.15
0.67		225	325	425	525	625	725	825	925	2.54
0.74			327	427	527	627	727	827	927	2.96
0.90			329	429	529	629	729	829	929	3.42
1.03			331	431	531	631	731	831	931	3.90
1.17			333	433	533	633	733	833	933	4.42
1.31			335	435	535	635	735	835	935	4.98
1.47			337	437	537	637	737	837	937	5.56
1.63			339	439	539	639	739	839	939	6.18
1.80			341	441	541	641	741	841	941	6.83
1.98			343	443	543	643	743	843	943	7.51
2.17				445	545	645	745			8.23
2.37				447	547	647	747			8.98
2.58				449	549	649	749			9.76
2.79				451	551	651	751			10.57
3.00				453	553	653	753			11.35
3.25				455	555	655	755			12.29
4.26				463	563	663	763			16.13
4.43				465	565	665	765			17.17
Fan Width - Centimeters										
GPM	5-10	10-15	15-20	20-25.5	25.5-30.5	30.5-35.5	35.5-40.5	40.5-46	46-51	LPM



## MAXX SERIES

T93R MAXX tips have a 7500 PSI (500 BAR) MWP for maximum pressure spray applications. This simple 3-component design makes tip changes on the job quick and safe.

7500 PSI (500 BAR)

**Part No: 207-XXX**

Fan Width - Inches										
GPM	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	LPM
0.05	107	207	307	407						.020
0.09	109	209	309	409	509	609				0.33
0.12	111	211	311	411	511	611				0.49
0.18	113	213	313	413	513	613	713	813		0.69
0.24	115	215	315	415	515	615	715	815		0.91
0.31	117	217	317	417	517	617	717	817	917	1.17
0.38		219	319	419	519	619	719	819	919	1.47
0.47		221	321	421	521	621	721	821	921	1.79
0.57		223	323	423	523	623	723	823	923	2.15
0.67		225	325	425	525	625	725	825	925	2.54
0.74			327	427	527	627	727	827	927	2.96
0.90			329	429	529	629	729	829	929	3.42
1.03			331	431	531	631	731	831	931	3.90
1.17			333	433	533	633	733	833	933	4.42
1.31			335	435	535	635	735	835	935	4.98
1.47			337	437	537	637	737	837	937	5.56
1.63			339	439	539	639	739	839	939	6.18
1.80			341	441	541	641	741	841	941	6.83
1.98			343	443	543	643	743	843	943	7.51
2.17				445	545	645	745			8.23
2.37				447	547	647	747			8.98
2.58				449	549	649	749			9.76
2.79				451	551	651	751			10.57
3.00				453	553	653	753			11.35
3.25				455	555	655	755			12.29
4.26				463	563	663	763			16.13
4.43				465	565	665	765			17.17
Fan Width - Centimeters										
GPM	5-10	10-15	15-20	20-25.5	25.5-30.5	30.5-35.5	35.5-40.5	40.5-46	46-51	LPM



## SHARP LINER SERIES

The SHARP LINER reversible and flat tips are designed for striping roads, parking lots, airports, athletic fields and interior floors of industrial warehouses. The spray pattern design results in sharp distinct lines with minimal overspray. As with all of the TriTech tips the precision of the fan width and flow rate are unmatched. Sharp Liner can be used on any airless line marking machine.

5000 PSI (345 BAR)

**Part No: 202-XXX**

**Sharp Liner Flat: Part No: 210-XXX**

Orifice	Fan Width in Inches				Flow Rate	
	2" LINE	4" LINE	6" LINE	12" LINE	GPM	LPM
.013"	213				0.18	0.68
.015"	215	315			0.24	0.91
.017"	217	317	417		0.31	1.18
.019"	219	319	419		0.38	1.44
.021"		321	421	621	0.47	1.79
.023"		323	423	623	0.57	2.17
.025"		325	425	625	0.67	2.55
.027"		327	427	627	0.77	2.93
.029"		329	429	629	0.9	3.42
.031"		331	431	631	1.03	3.91
.035"			435	635	1.31	4.98
.039"					1.63	6.19
.043"					1.98	7.52

Fan Width - Inches										
GPM	2-4	4-6	6-8	8-10	10-12	12-14	LPM			
0.05	108	208	308	408						0.20
0.09	110	210	310	410	510					0.33
0.12	112	212	312	412	512	612				0.49
0.18	114	214	314	414	514	614				0.69
0.24					516	616				0.91
0.31					518	618				1.17
Fan Width - Centimeters										
GPM	5-10	10-15	15-20	20-25.5	25.5-30.5	30.5-35.5	LPM			



## ULTRA-FINISH SERIES

Unique double-orifice atomizes the coating twice - each time finer than the first - to achieve an ultra fine finish. 25 fan pattern/orifice size combinations are available.

5000 PSI (345 BAR)

**Part No: 201-XXX**



**SAFETY GUARD** T93R Safety Guard fits most major manufacturers' airless spray guns and accepts most tips. Large knurls for a sure grip.

5000 PSI (345 BAR)

**Part No: 200-999 - 7/8" Thread Size**

**Part No: 200-998 - 11/16" Thread Size**



**MAXX SAFETY GUARD** T93R Safety Guard fits most major manufacturers' airless spray guns and accepts most tips. All metal parts are stainless steel for durability.

7500 PSI (500 BAR)

**Part No: 207-999 - 7/8" Thread Size**

**Part No: 207-998 - 11/16" Thread Size**

Part No: 101-201 - Metal Saddle Seal

Part No: 101-403 - Gasket

Part No: 200-901 - Seal & Gasket

Part No: 200-995 - Seal & Gasket 5 Pack



**Tip Size I.D. Tag**  
No more guessing what size tip you're spraying with!

**Hand-Tight Nut**  
The hand-tight nut on the T93R Guard has large knurls for sure grip - and it's hex shaped so you can easily use a wrench if necessary.  
**Part 200-999 and 200-998**

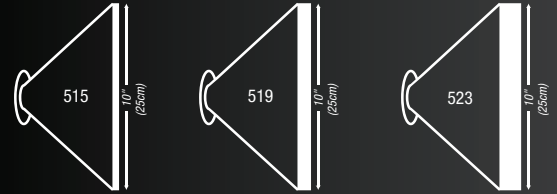
We formulate our own tungsten carbide with a Rockwell Hardness of 93 - a diamond's hardness is 100. We guarantee the longest tip life and superior spray pattern in the industry.

**Seal Alignment**  
The patented tip seal has a square opening that fits on the end of the tip handle. This unique feature allows you to easily insert the seal into the guard. Then simply twist the tip handle to line up the seal cavity accurately to receive the tip shaft. Quick, accurate installation EVERY TIME!

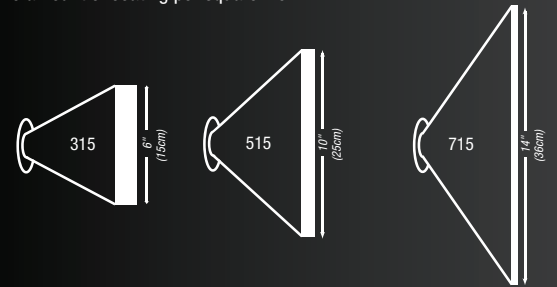


## PROPER TIP SIZING.

**Same fan width - difference orifice sizes:** The example below demonstrates the difference between tips with the same fan width, but increasing orifice sizes. The larger the orifice, the more coating you apply using the same spray pressure and hand-speed as you spray.



**Different fan width - same orifice sizes:** The example below demonstrates the difference between tips with the same orifice size, but increasing fan sizes. The same amount of coatings is applied over a larger area - or less coating per square inch using the same pressure and hand-speed as you spray. When necessary, remember to size up or down your orifice as you size up or down your fan width if you want to apply the same amount of coating per square inch.



## TIP SIZES - WHAT THE NUMBERS MEAN.

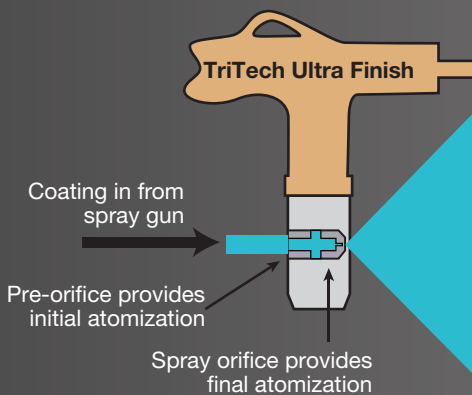
The first 3 digits specify the series of tip.

- 200 = T93R Contractor
- 201 = T93R Ultra-Finish
- 203 = T93R Hi-Production
- 205 = T93F Flat
- 206 = T93F Ultra-Finish
- 207 = T93R MAXX
- 209 = T93F Hi-Volume

**200 - 5 15**

Double this number to determine the fan width when spraying 12" (30cm) from the surface. Depending on pressure and material actual width may vary by up to 2" (5cm).

The last two digits specify the flow of fluid through the tip - this is the orifice. This opening controls the amount of fluid that flows through the tip. The pressure you are spraying at also has an effect on flow - more pressure equals more flow.



## SIGNS OF TIP WEAR

**NEW**

Soft Edges

Increased volume of fluid flow

Edges are more defined and fan size is smaller

**WORN**

Edges very hard

Volume of fluid now worn beyond efficient use

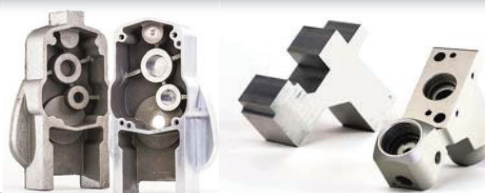
# TriTech Industries

TriTech Industries Inc. began producing airless tips, guns and other innovative accessories in 2005. We are part of a larger, award winning group of manufacturing companies which has been around since 1955. These companies produce a wide variety of parts for helicopters, missiles, shock absorbers, and components for super computers, as well as additional military, industrial, and aerospace machined parts.

TriTech takes pride in our manufacturing capabilities, and produces at a level of precision never before seen within this industry. Every part we create is put through exactly the same careful process. We start with an innovative design, and incorporate the highest quality material to ensure long duty life. Then, we select the right

machining center to make the part with high precision and efficiency. Finally, we perform a rigorous inspection to make sure it meets all standards and specifications.

TriTech's engineering and sales teams have over 100 years of combined experience in the professional spray equipment industry. 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 for all of 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.

[www.tritechindustries.com](http://www.tritechindustries.com)

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