



TRITON™

Affordable fine finish spray packages
for wood and metal applications



FINISHING

PROVEN QUALITY. LEADING TECHNOLOGY.

Finally...a diaphragm spray package specifically design

TRITON 308 SPRAY PACKAGES



TRITON is an air-operated diaphragm spray package that applies a high quality, decorative finish to wood and metal parts. TRITON is a more effective alternative to traditional pressure pots and standard diaphragm pumps.

Features

HIGH QUALITY FINISH

Low pulsation output and smooth pump changeover deliver a consistent spray pattern.

EASY-TO-USE

Quick color changes and fast material refills save time and money.

RUGGED CONSTRUCTION

Stainless steel or aluminum pump handles a wide variety of fluids.

Key Applications

TRITON is designed for all types of metal and wood applications:

Applying primers, basecoats and topcoats for:

- General Metal Fabrication
- Farm and Construction
- Truck and Bus
- Automotive Components and Touch-up



Spraying stains, sealers, lacquers and topcoats for:

- Wood Furniture and Cabinetry
- Wood, Windows and Doors
- Customized Wood



Using a wide range of technologies:

- Air Spray
- HVLP
- Compliant
- Electrostatic Air Spray



ed for the finishing market

Best Spray Finishing Package in its Class!

Available with XT Series Spray Guns and PRO Xs Electrostatic Spray Guns

TRITON Packages

Available with XT Series Spray Guns or PRO Xs Guns.

High-Flow Air Regulators

Supplies up to 35% extra air flow to gun for superior atomization.

XT Series Spray Gun

Superior finish quality for air spray, HVLP and compliant applications.

or

PRO[™] Xs Spray Gun

Superior finish quality for electrostatic applications.

Durable Metal TRITON Pump

Provides low maintenance and long life.

Easy-to-use Circulation Valve

Saves material and time during flushing, priming and color changes.

Low Pulsation TRITON Pump

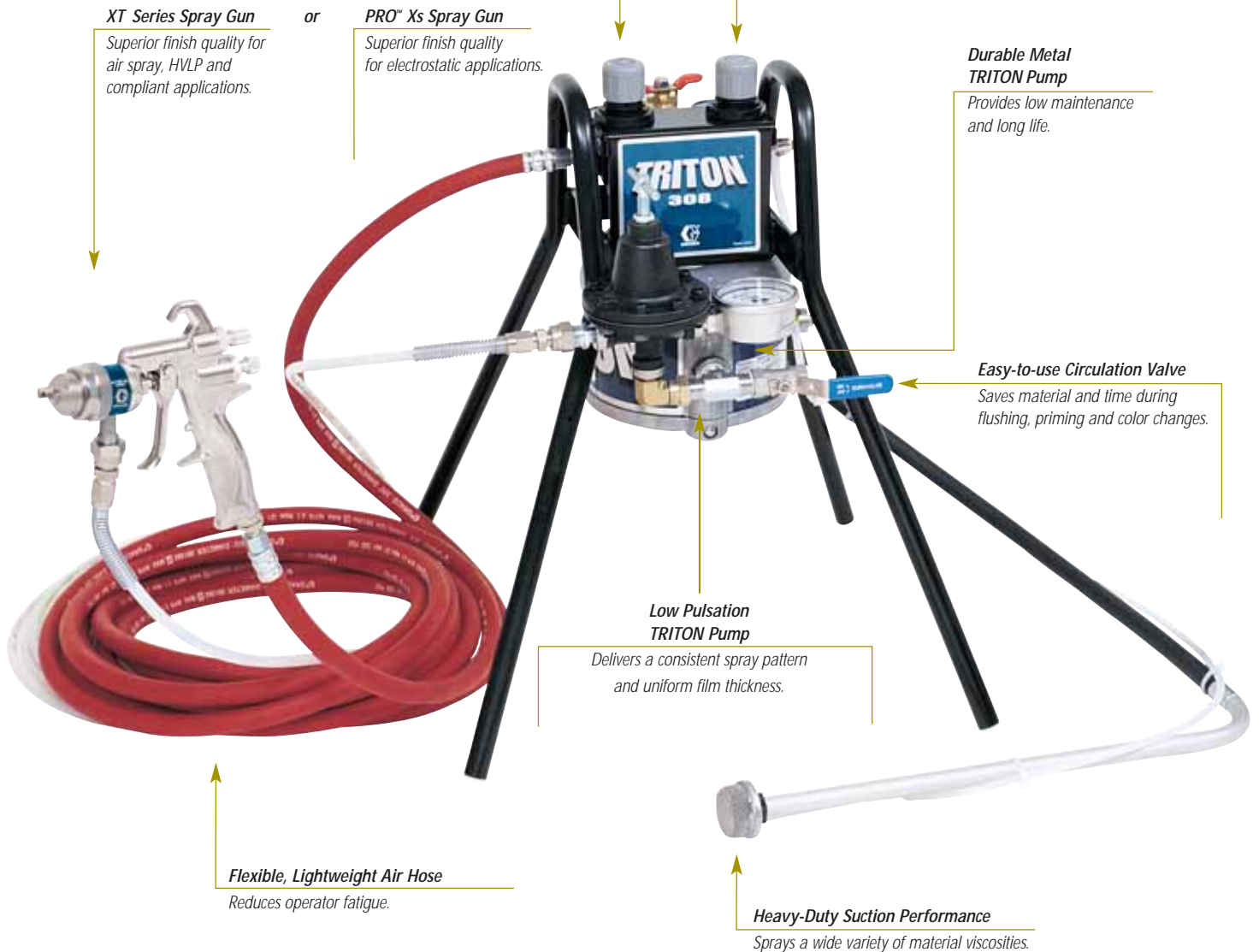
Delivers a consistent spray pattern and uniform film thickness.

Flexible, Lightweight Air Hose

Reduces operator fatigue.

Heavy-Duty Suction Performance

Sprays a wide variety of material viscosities.



Model No. 233491 with
XT Series Spray Gun shown

Upgrade Your Pumps!

Upgrade Your Standard Diaphragm Pumps to TRITON

High-Performance Finishing

LONGER PUMP LIFE

- Rugged stainless steel or aluminum construction requires less maintenance than a plastic pump.
- Twice the output per stroke.
- High output per stroke means less pump wear.

EXTRA PUMPING POWER

- 30% more suction power than a standard diaphragm pump to handle higher viscosity materials.

LOW PULSATION OUTPUT!

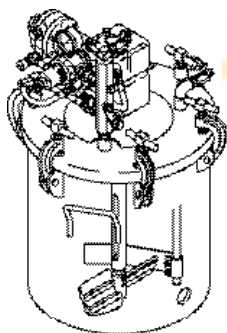
SUPERIOR FINISH QUALITY

- Consistent pattern and film on parts.
- Constant flow to the spray gun.



TRITON pump provides 50% less pressure pulsation than standard diaphragm pumps.

Note: Pump-to-pump comparison without fluid regulator.



Upgrade Your Pressure Pots and Cup Guns to TRITON

Finishing Made Simple

- Refill and monitor material level while spraying for easier operation.
- Complete color changes in less than 3 minutes for reduced downtime.
- Circulation Valve saves time and lowers solvent usage during clean-up and color changes.

**PRO XS SPRAY GUN PACKAGES
NOW AVAILABLE**

Model No. 233743 with PRO Xs Gun shown



Air Spray, HVLP and Electrostatic Sprayers



Return-on-Investment for Pressure Pot Conversion

Use this exclusive Return-on-Investment analysis tool to see exactly how much your pressure pots currently cost you, and how quickly a Graco TRITON pays for itself.

COLOR CHANGE LABOR SAVINGS

Labor rate per hour	<input type="text"/>
	X
Time to color change pressure pot per day (Typical = .25 hours or 15 minutes for 1 color change per day)	<input type="text"/>
	X
Production days per year	250
	X
Typical* labor savings or enter a percent	75%
	=
Annual labor savings	<input type="text"/>
	+

MATERIAL REFILLING LABOR SAVINGS

Labor rate per hour	<input type="text"/>
	X
Time to refill pressure pot per day (Typical = .083 hours or 5 minutes for 2 refills per day)	<input type="text"/>
	X
Production days per year	250
	X
Typical* labor savings or enter a percent	60%
	=
Annual labor savings	<input type="text"/>
	+

SOLVENT USAGE DURING COLOR CHANGES & CLEAN-UP

Flushing solvent price per gallon (Typical \$8/gal)	<input type="text"/>
	X
Gallons used per day (Typical = 0.5 gal, 1 color change or clean-up per day)	<input type="text"/>
	X
Production days per year	250
	X
Typical* savings or enter a percent	50%
	=
Annual solvent savings	<input type="text"/>
	+





Total Annual Savings

* Actual performance may vary, depending upon materials and processes. Consult your distributor.

Product Information

TRITON Spray Finishing Package Selection Guide

1. Select configuration
2. Select aluminum or stainless steel package
3. Select applicator

	Aluminum Stainless Steel Triton Package Part No	Bare Package*	Fluid Regulator** Suction Hose Air Hose (25 ft, 7.6 m) Fluid Hose (25 ft, 7.6 m)	Applicator Part No.	Applicator Description		
5-Gallon, Pail-Mount Units							
	• 233466	•	•		None		
	• 233467	•	•		None		
	• 233468		•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle	
	• 233469		•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle	
	• 233470		30	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 233471		100	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 234911			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 234912			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 233741		30	•	•	244399	PRO™ Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
	• 233742		30	•	•	244400	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle
4-Legged, Stand-Mount Units							
	• 233473	•	•		None		
	• 233474	•	•		None		
	• 233475		•	•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle
	• 233476		•	•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle
	• 233477		30	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 233478		100	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 234913			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 234914			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 233743		30	•	•	244399	PRO Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
	• 233744		30	•	•	244400	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle
2-Wheel, Cart-Mount Units							
	• 233480	•	•		None		
	• 233481	•	•		None		
	• 233482		•	•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle
	• 233483		•	•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle
	• 233484		30	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 233485		100	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 234915			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 234916			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 233746		30	•	•	244399	PRO Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
	• 233747		30	•	•	244400	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle
Wall-Mount Units							
<p>Wall-mount units do not include suction hose, siphon tube or pail. Must order separately.</p> 	• 233487	•			None		
	• 233488	•			None		
	• 233489		•	•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle
	• 233490		•	•	•	234638	XT Series Air Spray Gun .055 in (1.5 mm) nozzle
	• 233491		30	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 233492		100	•	•	234649	XT Series HVLP Gun .055 in (1.5 mm) nozzle
	• 234917			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 234918			•	•	234695	XT Series Compliant Gun .055 in (1.5 mm) nozzle
	• 233748		30	•	•	244399	PRO Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
	• 233749		30	•	•	244400	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle

*Bare packages do not include hose and gun.
 **Only HVLP, PRO Xs2 and Xs3 packages include fluid regulator:
 – Aluminum packages use 30 psi (0.2 MPa, 2 bar) acetal fluid regulator.
 – Stainless steel packages use 100 psi (0.7 MPa, 7 bar) stainless steel fluid regulator.

Ordering Information and Accessories

Bare TRITON Pumps

- 233500 TRITON Pump, Aluminum
 233501 TRITON Pump, Stainless Steel

Spray Guns

Packages with XT Series Spray, PRO Xs2 and Xs3 guns come standard with 0.055 in (1.5 mm) nozzle. Order guns with different size nozzles when the application requires.

- 234636 XT Series Air Spray Gun, 0.030 in (0.762 mm) nozzle
 234637 XT Series Air Spray Gun, 0.042 in (1.067 mm) nozzle
 234639 XT Series Air Spray Gun, 0.070 in (1.778 mm) nozzle
 234640 XT Series Air Spray Gun, 0.086 in (2.184 mm) nozzle
 234641 XT Series Air Spray Gun, 0.110 in (2.790 mm) nozzle
 234788 XT Series Air Spray Specking Gun, 0.042 in (1.067 mm) nozzle
 Creates a worn, antique look to the beauty of a finished piece
 234647 XT Series HVLP Gun, 0.030 in (0.762 mm) nozzle
 234648 XT Series HVLP Gun, 0.042 in (1.067 mm) nozzle
 234650 XT Series HVLP Gun, 0.070 in (1.778 mm) nozzle
 234651 XT Series HVLP Gun, 0.086 in (2.184 mm) nozzle
 234652 XT Series HVLP Gun, 0.110 in (2.790 mm) nozzle
 234693 XT Series Compliant Gun, 0.030 in (0.762 mm) nozzle
 234694 XT Series Compliant Gun, 0.042 in (1.067 mm) nozzle
 234696 XT Series Compliant Gun, 0.070 in (1.778 mm) nozzle

Accessory Air Bundled Hoses

For hose extensions or replacement (includes air and fluid hoses, bundled together)

- 233498 Air/Fluid Hose, 25 ft (7.6 m) Nickel Plated Steel Couplings, fits XT Series Spray guns
 233499 Air/Fluid Hose, 25 ft (7.6 m) Stainless Steel Couplings, fits XT Series Spray guns
 240425 Air/Fluid Hose, 25 ft (7.6 m), fits PRO Xs2 and Xs3 guns

Air and Fluid Hoses

For hose extensions or replacement (separate air and fluid hoses)

- 244448 Air Hose, 25 ft (7.6 m), fits XT Series Spray guns
 223070 Air Hose, 25 ft (7.6 m) Grounded, fits PRO Xs2 and Xs3 guns
 244447 Fluid Hose, 25 ft (7.6 m) Nickel Plated Steel Couplings, fits XT Series Spray guns
 235339 Fluid Hose, 25 ft (7.6 m) Stainless Steel Couplings, fits XT Series Spray guns
 215637 Fluid Hose, 25 ft (7.6 m), fits PRO Xs2 and Xs3 guns

Suction Hoses

Order a suction hose (5 gal/18.9 l or 55 gal/200 l) for wall-mount applications

- 245082 Aluminum, 4 ft (1.2 m), for 5 gal (18.9 l) pail
 245083 Stainless Steel, 4 ft (1.2 m), for 5 gal (18.9 l) pail
 245084 Aluminum, 6 ft (1.8 m), with acetal bung adapter for 55 gal (200 l) drum
 245085 Stainless Steel, 6 ft (1.8 m), with acetal bung adapter for 55 gal (200 l) drum

Fluid Regulators

Use in HVLP applications and where required fluid pressure to spray gun is less than 20 psi (1.4 bar, 0.14 MPa)

- 241976 Fluid Regulator, Acetal, 0-30 psi (0-2 bar, 0-0.2 MPa)
 236450 Fluid Regulator, Acetal, 0-100 psi (0-7 bar, 0-0.7 MPa)
 214706 Fluid Regulator, Stainless Steel, 0-100 psi (0-7 bar, 0-0.7 MPa)

Pump Outlet Fluid Filters

Filters attach to the outlet of the TRITON pump

- 114361 Fluid Filter, Nylon, 80 mesh, 3/8 npt(fbe), 150 psi (10 bar, 1 MPa)
 223160 Fluid Filter, Stainless Steel, 60 mesh (250 micron), 3/8 npt(f) inlet x 1/4 npt(m) outlet, 5000 psi (350 bar, 35 MPa)

Technical Specifications

Maximum fluid working pressure	100 psi (0.7 MPa, 7 bar)
Maximum air input pressure	100 psi (0.7 MPa, 7 bar)
Maximum fluid flow (pump at 212 cpm)	8.5 gpm (32 lpm)
Pump displacement	5 oz/cycle (160 cc/cycle)
Air inlet fitting	1/4 npt(f)
Acetal fluid regulator outlet fitting	3/8 npt(m)
Stainless steel fluid regulator outlet fitting	3/8 npsm(m)
Pump inlet	3/4 npt(f)
Pump outlet	3/8 npt(f)
Fluid outlet fitting	3/8 npt(m)

Average Air Consumption

Air Spray	HVLP	Electrostatic
Gun: 15.0 scfm	Gun: 22.0 scfm	Gun: 20.0 scfm
Pump: <u>1.5 scfm</u>	Pump: <u>1.5 scfm</u>	Pump: <u>1.5 scfm</u>
Total: 16.5 scfm	Total: 23.5 scfm	Total: 21.5 scfm

Sound data*

Sound pressure level at 40 psi (0.28 MPa, 2.8 bar)	69 dBa
Sound power level at 40 psi (0.28 MPa, 2.8 bar)	81 dBa

*Sound pressure measured one meter from unit. Sound power measured per ISO standard 3744. Sound data is for TRITON pump only, without spray gun. Refer to the spray gun instruction manual for gun sound data.

Weight

5 gal (18.9 l) pail package (Alum/SST)	22 lb (10 kg)/28 lb (12.7 kg)
Stand package (Alum/SST)	20 lb (9.1 kg)/27 lb (12.3 kg)
Cart package (Alum/SST)	30 lb (13.6 kg)/36 lb (16.4 kg)
Wall-mount package (Alum/SST)	19 lb (8.6 kg)/24 lb (10.9 kg)
Pump instruction manual	309303
Parts list manual	309304
Operation manual	309305
Agitator kit instruction manual	309306

ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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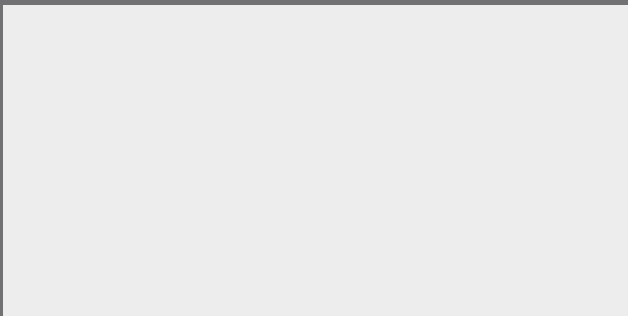
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