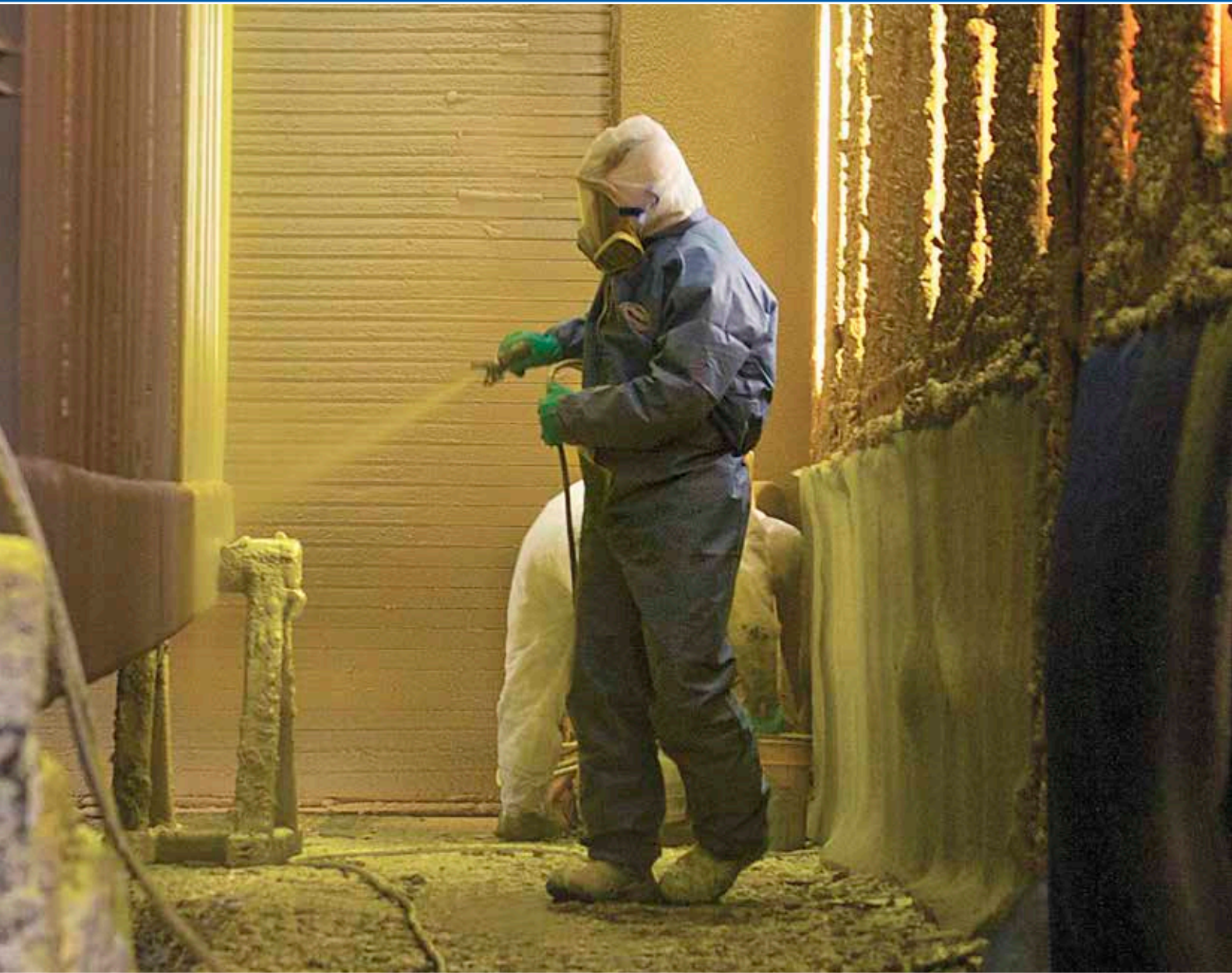


# XP™ Plural-Component Sprayers

Easy-to-Use Sprayers for Industrial Coatings



PROVEN QUALITY. LEADING TECHNOLOGY.

# Graco® XP Plural-Component Sprayers



## Easy and affordable two-component spraying

Whether you're spraying a high-solids polyurethane on the exterior of a steel tank or a marine epoxy on a ship's hull, Graco helps you get the job done with a complete line-up of XP Plural-Component Sprayers. Engineered for projects that require faster-setting two-part coatings, Graco XP Sprayers are easy to use and provide on-ratio, excellent spray quality for fast-curing materials.

If you occasionally change materials, the Graco XP line of sprayers is the right choice. That's because you can change the ratio by simply changing out one or two pump lowers. Multiple fixed mix ratios are available: 1:1, 1.5:1, 2:1, 2.5:1, 3:1 and 4:1. Some non-standard ratios are available upon request.

## On-ratio spraying means peace of mind

With an optional **XP Pressure Monitor Kit**, you have the assurance that your Graco XP is spraying on-ratio. It monitors the spray pressures on the "A" and "B" sides, and shuts down the sprayer if conditions occur such as running out of material, pump cavitation, packing failures, leaks in valves or fittings, or plugged filters.

### Benefits:

- Better overall productivity – projects done on time
- Reduced labor and rework costs
- Confidence in end results and quality

## Applications

- |              |                         |                    |
|--------------|-------------------------|--------------------|
| • Tanks      | • Secondary containment | • Wind towers      |
| • Railcars   | • Marine/shipbuilding   | • Water towers     |
| • Refineries | • Wastewater treatment  | • Structural steel |
| • Pipes      | • Bridges               | • Roof coatings    |



# A Smart Alternative to Hand-mixing

## Engineered specifically for two-component coatings

Graco XP Plural-Component Sprayers provide the reliable performance you need for challenging two-component projects. In addition, the units are designed to maximize gravity feed, which may eliminate the need for feed pumps, saving you money.

### NXT® Air Motor

- Standard anti-icing feature means production won't stop due to motor icing
- Modular design for easier maintenance
- Rugged body armor won't rust or dent

### Outlet manifold and valves

- Fluid pressure gauges to monitor pump output
- Provides automatic overpressure relief
- Includes circulation back to the supply for pump priming, purging, or relieving outlet pressure
- Allows fluid warm-up circulation when optional heaters are used

### Mix manifold

- Provides simple fluid control for mixing or flushing
- Accurately dispenses A and B fluids to the static mix tube
- Handles high-solids coatings with large ports and low pressure drop
- Choose to use mix manifold remotely to reduce solvent and material waste

### High-pressure to handle high-viscosity coatings

- Rated up to 7250 psi (500 bar, 50 MPa) to handle viscous materials and long hose lengths

### Compact cart-mounted

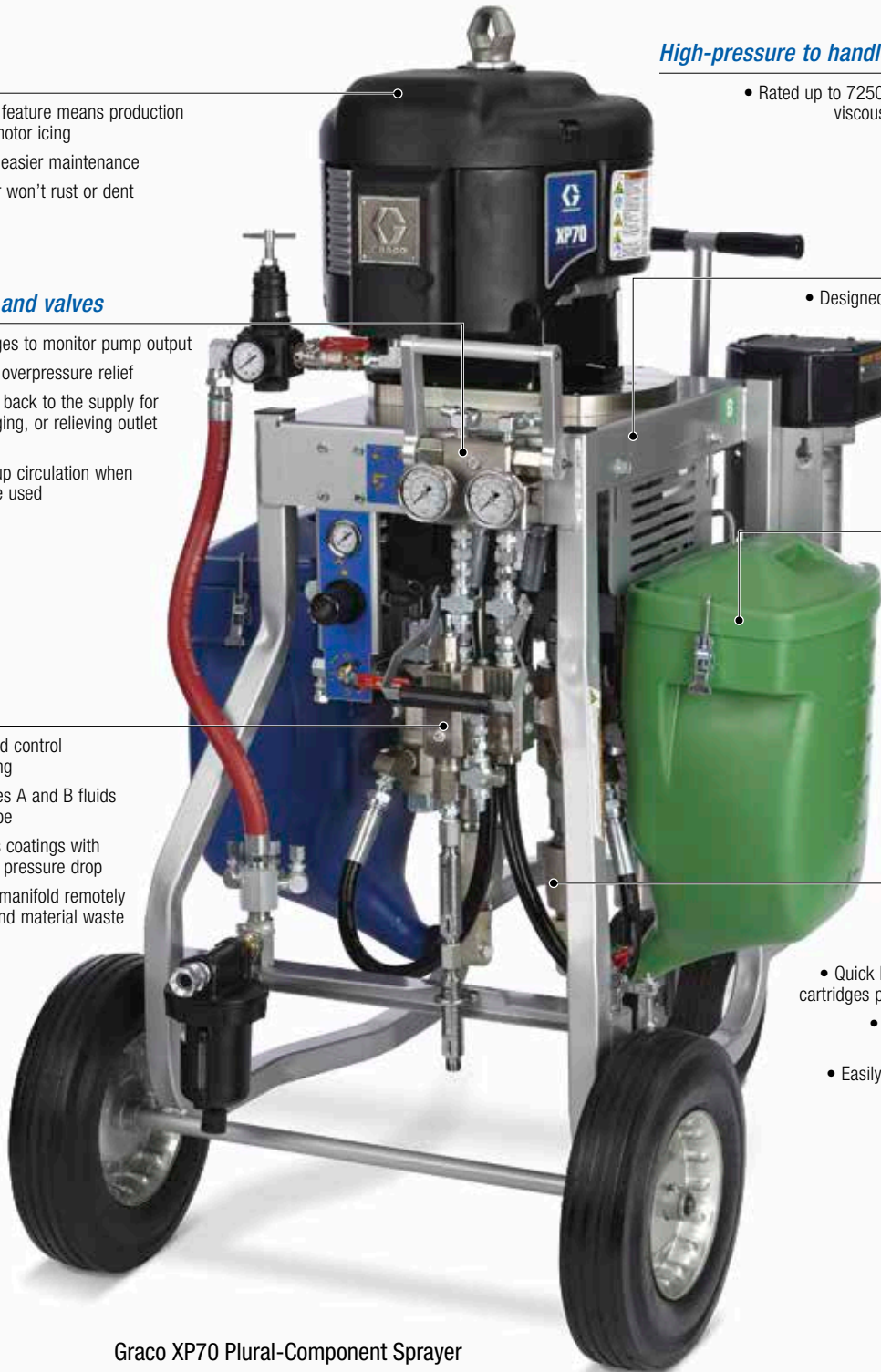
- Designed for easy handling by one person
- Can be floor mounted after removing wheels
- Easy mounting of optional flush pump and heaters

### Material hoppers

- Side-mounted 7-gal (26 liter) hoppers hold A and B components until it's time to spray
- Made of rugged polyethylene – unaffected by harsh solvents
  - Optimized for direct pump feed

### Xtreme® Pump lowers

- Standard Severe Duty® coating on rods and cylinder maximizes wear life
- Quick knockdown design and throat seal cartridges provide fast and easy maintenance
  - Multiple sizes available to provide various fixed mix ratios
- Easily change one or both lowers to get desired mix ratio (see pg. 5)



Graco XP70 Plural-Component Sprayer

# Discover How the XP Pays for Itself

## Quick return on your investment

You'll discover that the Graco XP Plural-Component Sprayer pays for itself when you switch from hand-mixing. Here's how:

### Reduces material costs

With the Graco XP, you eliminate waste and save money because you only mix as much material as you need. No more throwing away unused material at the end of the day. No more residue left over in smaller pails or cans. You can buy material in bulk as well.

### Saves money by using less clean-up solvent

Only the parts that come in contact with mixed material must be cleaned. Instead of flushing out an entire pump system that contains mixed material, you only need to flush the static mix tube and hose to the gun. Reduced cleaning time means you save labor costs and increase uptime.

### Provides consistent material quality

No more guesswork or human error in measuring means you can improve throughput, cut back on material waste, and reduce rework. Materials are proportioned by precision positive displacement pumps and mixed accurately and on-ratio at the mix manifold.

### Easy to operate

With proper training, operators are up and running quickly. The Graco XP runs right out of the box with low set-up time. Accessory kits can be added for heat and solvent flush.

### Reduces maintenance costs

Engineered to proportion with two pumps instead of three, the Graco XP reduces cost of ownership because you only need to rebuild two pumps.



# Discover the Savings – ROI

## Typical pay back in less than 12 months

Compare XP to hand-mixing and see how much you'll save. XP provides a substantial return on investment compared to hand mixing because you throw away less mixed material, and you use less solvent. Visit [www.graco.com/xpROI](http://www.graco.com/xpROI) to calculate an ROI for your application.

MATERIAL SAVINGS (by eliminating unused mixed material in pail)	*EXAMPLE	ACTUAL	FORMULA
Average cost of coating per gallon	\$40.00		A
Amount of wasted material per day	.75 gal		B
Average cost of wasted coating per day	\$30.00		C = Ax B
<b>TOTAL SAVINGS</b> (assumes 200 work days per year)	<b>\$6,000.00</b>		<b>D = Cx200</b>
MATERIAL SAVINGS (by shortening mixed material hose length)	*EXAMPLE	ACTUAL	FORMULA
Material volume in shortened hose (assumes 3/8-in hose x 50 ft = 1100 cc)	1100 cc		E
Average cost of wasted coating per day (F = E/3785 cc/gal x A)	\$11.62		F
<b>TOTAL SAVINGS</b> (assumes 200 work days per year)	<b>\$2,325.00</b>		<b>G = Fx200</b>
SOLVENT SAVINGS (by eliminating potlife extender)	*EXAMPLE	ACTUAL	FORMULA
Average cost of potlife extender per gallon	\$15.00		H
Amount of potlife extender used per day (assumes 0.5 gal solvent per 5 gal material)	4 gal		I
Average cost of potlife extender used per day	\$60.00		J = Hx I
<b>TOTAL SAVINGS</b> (assumes 200 work days per year)	<b>\$12,000.00</b>		<b>K = Jx200</b>
SOLVENT SAVINGS (by eliminating pump flushing)	*EXAMPLE	ACTUAL	FORMULA
Average cost of solvent per gallon	\$15.00		L
Material volume of pump, siphon hose, siphon tube (220 cc pump + 1320 cc from siphon hose and tube)	1540 cc		M
Amount of solvent used per day (N = M/3785 cc/gal x 3 flush factor x L)	\$18.31		N
<b>TOTAL SAVINGS</b> (assumes 200 work days per year)	<b>\$3,662.00</b>		<b>O = Nx200</b>
<b>TOTAL SAVINGS FROM XP WHEN COMPARED TO HAND-MIXING</b>	<b>\$23,987.00</b>		<b>P = D+G+K+O</b>

\*Example is based on spraying 40 gallons in an 8-hour shift. R.O.I. is an example only and should be reviewed for each application. Dollar savings are not guaranteed. Actual results may vary.



# Choose The Right Graco XP For Your Application



## Graco XP70™ Plural-Component Sprayers *High-pressure for high-solids coatings (7250 psi)*

The Graco XP70 is designed to pump, mix and atomize high-viscosity materials with superior results. In addition, the XP70's design allows you to gravity feed, which may eliminate the need for feed pumps, saving you money.

### Typical Materials

- Environmentally friendly high solids coatings, with little or no solvent
- High viscosity epoxy coatings – up to 100% solids content
- Epoxies
- Urethanes

## Graco XP50™ Plural-Component Sprayers *For jobs requiring more volume (4500 to 5000 psi)*

Engineered for more flow capacity, the XP50 is great for applications where you want to spray with multiple guns or larger tip sizes. The XP50 provides more production, so you can get the job done faster.

### Typical Materials

- Medium to high solids coatings
- Hybrid urethane quick-set materials
- Epoxy primers and topcoats
- Properly conditioned high solids coatings

### XP50 – Quick Set Packages

- Optimized for quick-setting hybrid and elastomeric urethane coatings
- Includes a modified mix manifold (typically remote mounted) with fluid pressure gauges and solvent valves for both A and B materials, plus a shorter 10 ft (3.0 m) static mix line to the spray gun. Heated hose is optional.
- Ideal replacement for Graco King Hydra-Cat™ quick-set packages



## Graco XP35™ Plural-Component Sprayers *For low pressure airless applications (3500 psi)*

Optimized for lower-pressure airless spray applications, the Graco XP35 has similar flow capability as the XP70, but a smaller NXT 3400 air motor. The XP35 is an ideal replacement for Graco Bulldog Hydra-Cat™ systems.

### Typical Materials

- Medium viscosity epoxies
- Slower-setting urethane topcoats

### Ideal for mix-at-gun\* materials

- Ideal for airless plural-component guns using static mixers, such as Fusion® Solvent Purge spray gun
- For basic dispense applications

\*Mix-at-gun applications often require testing. Proper temperature conditioning and balanced pressures using flow restrictors or hose sizing is sometimes necessary. Contact your Graco distributor for application support.





## Graco XP-h™ Hydraulic Plural-Component Sprayers

*For hydraulic power, performance and cost-saving efficiencies*

Hydraulic systems are the choice of spraying professionals who want to reap the benefits of the latest spraying technologies and add productivity to boost their bottom line.

Built with patented XP ratio technology, the Graco XP-h is ideal for truck, palletized, trailer or flatbed systems that have on-board hydraulic power\*. The system's hydraulic motor has been optimized and rated to match the pressure capabilities of the NXT 6500 air motor used on Graco XP50 and XP70 sprayers.

- Available in three pressure ranges: 3500, 5000 and 7250 psi (241, 345 and 500 bar)
- Standard mix ratios for protective coating materials available: 1:1, 2:1, 2.5:1, 3:1, 4:1
- Available as a stand or wall-mount system
- Fits onto the standard XP portable cart

\* Hydraulic power supply provided separately by customer

### Typical Materials

- Protective coatings
- Epoxies
- Urethane materials
- OEM traffic marking applications

### XP-h BARE PROPORTIONERS - (Cart, gun, hoses and manifolds not included)

PUMP PKG. PART NUMBER	VOLUME MIX RATIO	FLUID FLOW gpm (lpm) at 40 cpm	MAX FLUID WORKING PRESSURE psi (bar, MPa)	MAX OIL WORKING PRESSURE psi (bar, MPa)
284101	1:1	4.6 (17.4)	3150 (217, 22)	1800 (124, 12.5)
284102	1:1	3.1 (11.7)	4700 (324, 32)	1800 (124, 12.5)
284103	1:1	1.9 (7.2)	7250 (500, 50)	1720 (119, 11.9)
284201	2:1	4.6 (17.4)	3150 (217, 22)	1800 (124, 12.5)
284202	2:1	2.9 (11.0)	5050 (348, 35)	1800 (124, 12.5)
284203	2:1	1.8 (6.8)	7250 (500, 50)	1650 (114, 11.4)
284251	2.5:1	4.3 (16.3)	3384 (233, 23)	1800 (124, 12.5)
284252	2.5:1	2.7 (7.9)	5430 (374, 37)	1800 (124, 12.5)
284253	2.5:1	2.1 (7.9)	6786 (468, 47)	1800 (124, 12.5)
284301	3:1	4.1 (15.5)	3500 (241, 24)	1800 (124, 12.5)
284302	3:1	3.1 (11.7)	4700 (324, 32)	1800 (124, 12.5)
284303	3:1	2 (7.6)	7100 (490, 49)	1800 (124, 12.5)
284401	4:1	3.8 (14.4)	3800 (262, 26)	1800 (124, 12.5)
284402	4:1	2.9 (11.0)	5000 (345, 34)	1800 (124, 12.5)
284403	4:1	1.9 (7.2)	7250 (500, 50)	1700 (117, 11.7)

Max hydraulic fluid flow ..... 12 gpm (45.6 lpm)

Hydraulic fluid consumption ..... 1 gal (3.8 l) per 5 cycles

Circulation manifold with pressure relief valves sold separately. See ordering information.

# Technical Specifications

## XP Technical Specifications (for Air-Powered Models)

### Fluid filtration

XP pump outlets .....	30 mesh
XTR™-7 Spray Gun.....	60 mesh

**Air inlet filtration** ..... 40 micron

### Ambient temperature range

Operating .....	40° to 130°F (4° to 54°C)
Storage.....	30° to 160°F (-1° to 71°C)

**Max fluid temperature** ..... 160°F (71°C)

**Environmental rating** ..... Indoor/Outdoor

Hazardous areas ..... Ex II 2 G

**Fluid viscosity range** (gravity feed hoppers) ..... 200-20,000 cps (pourable)

**Higher viscosities with pump feed** ..... Pump feed recommended for mix-at-the-gun applications to pre-compress fluids

**Max air pressure supply to the machine** ..... 175 psi (12 bar, 1.2 MPa)

**Air consumption** (per 1 gal (3.78 l) of flow) ..... XP70: 75 scfm at 100 psi/gpm  
 XP50: 60 scfm at 100 psi/gpm  
 XP35: 50 scfm at 100 psi/gpm

### Dimensions

Bare machine .....	52 L x 60 H x 32 W in (132 x 152 x 81.6 cm)
With 7 gal (26 l) hoppers .....	52 L x 60 H x 35 W in (132 x 152 x 89 cm)

### Weight

Bare system ..... 425 lb (192 kg)  
*(No heaters, hoppers or junction box)*

Full system ..... 575 lb (260 kg)  
*(Includes 2 heaters, solvent pump and empty hoppers)*

**Air inlet connection**..... 3/4 npsm (f) union in 3/4 npt (f) port

**Fluid pump inlets (for non-hopper models)** ..... 1-1/4 npt (m)

**Fluid gauge manifold “A” and “B” outlets**..... 1/2 in npt (f)

**Fluid gauge manifold return ports** ..... 1/4 in npt (m)  
*(combination pressure relief / circulation / prime) outlets back to supply*

**Fluid mix manifold inlets** ..... 1/2 in npt (f) ball valves

**Mix manifold material outlet**..... 1/2 in npt (f)

**Static mix tube outlet** ..... 3/8 in npt (m)

### Wetted parts

Hard parts ..... Nickel or zinc-plated carbon steels, stainless steels, carbide  
 Soft parts ..... PTFE, UHMWPE, nylon, acetal, solvent resistant o-rings

**Max recommended feed pressure**..... Less than 15% of outlet pressure

**Sound pressure** ..... 86 dBA at 100 psi (7 bar, 0.7 MPa)

**Sound power** ..... 98 dBA at 100 psi (7 bar, 0.7 MPa)

**Operation and repair manual (English)** ..... 3A0420

## XP Ratio Selection Guide

MIX RATIO BY VOLUME	PRESSURE RATIO	RESIN PUMP	HARDENER PUMP	COMBINED OUTPUT CC'S/CYCLE	MAX AIR SETPOINT psi (bar)	MAX FLUID PRESSURE psi (bar)	FLOW RATE at 40 CYCLES/MIN gpm (lpm)
<b>XP70</b>							
1:1	73:1	Xtreme 90 (L090C0)	Xtreme 90 (L090C0)	180	100 (6.9)	7250 (500)	1.91 (7.23)
1.5:1	91:1	Xtreme 85 (L085C0)	Xtreme 58 (L058C0)	144	80 (5.5)	7250 (500)	1.52 (5.76)
2:1	76:1	Xtreme 115 (L115C0)	Xtreme 58 (L058C0)	174	95 (6.5)	7250 (500)	1.84 (6.96)
2.5:1	65:1	Xtreme 145 (L14AC0)	Xtreme 58 (L058C0)	203	100 (6.9)	6500 (448)	2.14 (8.12)
3:1	68:1	Xtreme 145 (L14AC0)	Xtreme 48 (L048C0)	193	100 (6.9)	6800 (469)	2.04 (7.72)
4:1	73:1	Xtreme 145 (L14AC0)	Xtreme 36 (L036C0)	181	100 (6.9)	7250 (500)	1.91 (7.23)
<b>XP50</b>							
1:1	45:1	Xtreme 145 (L14AC0)	Xtreme 145 (L14AC0)	290	100 (6.9)	4500 (310)	3.06 (11.58)
1.5:1	55:1	Xtreme 145 (L14AC0)	Xtreme 97 (L097C0)	242	100 (6.9)	5500 (379)	2.55 (9.65)
2:1	48:1	Xtreme 180 (L18AC0)	Xtreme 90 (L090C0)	270	100 (6.9)	4800 (330)	2.87 (10.86)
2.5:1	52:1	Xtreme 180 (L18AC0)	Xtreme 72 (L072C0)	257	100 (6.9)	5200 (359)	2.68 (10.14)
3:1	45:1	Xtreme 220 (L22AC0)	Xtreme 72 (L072C0)	292	100 (6.9)	4500 (310)	3.06 (11.58)
4:1	49:1	Xtreme 220 (L22AC0)	Xtreme 54 (L054C0)	274	100 (6.9)	4900 (338)	2.87 (10.86)
<b>XP35</b>							
1:1	38:1	Xtreme 90 (L090C0)	Xtreme 90 (L090C0)	180	100 (6.9)	3800 (262)	1.91 (7.23)
2:1	40:1	Xtreme 115 (L115C0)	Xtreme 58 (L058C0)	174	100 (6.9)	4000 (276)	1.84 (6.96)
2.5:1	34:1	Xtreme 145 (L14AC0)	Xtreme 58 (L058C0)	203	100 (6.9)	3400 (234)	2.14 (8.12)
3:1	36:1	Xtreme 145 (L14AC0)	Xtreme 48 (L048C0)	193	100 (6.9)	3600 (248)	2.04 (7.72)
4:1	38:1	Xtreme 145 (L14AC0)	Xtreme 36 (L036C0)	181	100 (6.9)	3800 (262)	1.91 (7.23)



# XP Options and Accessories



## Graco Gun Splitter

*Quick-flush feature saves time and material*

The Graco Gun Splitter lets you use two spray guns with one XP Plural-Component Sprayer. In addition, you can independently clean and flush one gun, while the other gun remains in use. If you're using a higher production XP machine such as the XP50 or XP70, the Gun Splitter helps you become even more productive.



## Graco XP Heated Hoppers

*For temperature conditioning high viscosity materials*

Warming up certain materials can make spraying easier and improve production capacity as well. Graco XP Heated Hoppers are designed to pre-condition high viscosity materials and 100% solids coatings.

### Features

- 20-gal (76 liter) double-walled fluid tank
- Set up for gravity or pressure feed – stand mounted
- Accepts both agitator and feed pump
- Jacketed for heated water/glycol or oil
- Made of rugged double-wall polyethylene
- Tank heat using immersion heaters or Viscon™ HP heated circulation

## XP Options for Added Productivity



### Merkur® Solvent Flush Pump

- Quickly flushes mixed materials from hose and gun
- Provides enough pressure to push good paint out the mix hose with a spray pattern, resulting in less wasted material
- Mounts easily to slotted holes provided on XP cart
- Prime valve can be used to supply flush solvent for tip cleaning, or to flush a second hose and gun that have been removed from the tee in the mix line



### Viscon® Fluid Heaters

- Reduces coating viscosity so it can be sprayed at lower pressure
- Provides consistent spray temperature, resulting in consistent spray pattern and better thickness control
- Mounts easily to slotted holes on XP cart (requires heater mounting kit 262450)
- Available in standard or hazardous atmosphere design



### Xtreme Pump Lowers

- Change one or both lowers for desired mix ratio (see page 5)
- XP uses specific Xtreme pump lowers with spring-loaded inlet valves, X-Tuff™ packings, 30 mesh filters, and no prime valves
- Overpressure rupture protection included on 36 cc, 48 cc, 54 cc, 58 cc and 72 cc sizes
- Multiple sizes available to provide fixed mix ratios: 1:1, 1.5:1, 2:1, 2.5:1, 3:1, and 4:1



### Remote Mount Mix Manifold

- Mix manifold on cart is removable and can be located closer to the spray gun to reduce mixed coatings and the volume of flush solvent required - results in less wasted materials
- A and B hoses from the XP cart to the mix manifold don't need to be flushed and can be sized for less pressure loss over long runs
- Great for materials with very short pot life
- Use carriage 262522 to protect mix manifold and valves

# Ordering Information

## Sprayers

**XP35** - All cart-mounted pump packages include material hoses and XTR-5 gun, and use an NXT 3400 Air Motor (N34DNO).

281100	1:1 bare proportioner, no cart, guns, hoses or manifolds	262804	2.5:1 cart-mounted sprayer without hoppers
281101	1:1 cart-mounted sprayer without hoppers	281300	3:1 bare proportioner, no cart, guns, hoses or manifolds
281102	1:1 cart-mounted sprayer with hoppers	281302	3:1 cart-mounted sprayer with hoppers
281200	2:1 bare proportioner, no cart, guns, hoses or manifolds	281301	3:1 cart-mounted sprayer without hoppers
281202	2:1 cart-mounted sprayer with hoppers	281400	4:1 bare proportioner, no cart, guns, hoses or manifolds
281201	2:1 cart-mounted sprayer without hoppers	281402	4:1 cart-mounted sprayer with hoppers
262803	2.5:1 bare proportioner, no cart, guns, hoses or manifolds	281401	4:1 cart-mounted sprayer without hoppers
281252	2.5:1 cart-mounted sprayer with hoppers	281000	Cart-mounted system with motor, no lowers, 3500 psi (241 bar, 24.1 MPa) circ/relief valves

**XP35 Mix-at-Gun** - Cart-mounted systems. No spray hoses, guns or mix manifold included in these packages. Contact Graco Distributor for two-component gun options.

281105	1:1 without hoppers	281256	2.5:1 with hoppers
281106	1:1 with hoppers	281305	3:1 without hoppers
281205	2:1 without hoppers	281306	3:1 with hoppers
281206	2:1 with hoppers	281405	4:1 without hoppers
281255	2.5:1 without hoppers	281406	4:1 with hoppers

**XP50** - All cart-mounted pump packages include material hoses and XTR-5 gun, and use an NXT 6500 Air Motor (N65DNO).

282100	1:1 bare proportioner, no cart, guns, hoses or manifolds	282251	2.5:1 cart-mounted sprayer without hoppers
282101	1:1 cart-mounted sprayer without hoppers	282252	2.5:1 cart-mounted sprayer with hoppers
282102	1:1 cart-mounted sprayer with hoppers	282300	3:1 bare proportioner, no cart, guns, hoses or manifolds
282150	1.5:1 bare proportioner, no cart, guns, hoses or manifolds	282301	3:1 cart-mounted sprayer without hoppers
282151	1.5:1 cart-mounted sprayer without hoppers	282302	3:1 cart-mounted sprayer with hoppers
282152	1.5:1 cart-mounted sprayer with hoppers	282400	4:1 bare proportioner, no cart, guns, hoses or manifolds
282200	2:1 bare proportioner, no cart, guns, hoses or manifolds	282401	4:1 cart-mounted sprayer without hoppers
282201	2:1 cart-mounted sprayer without hoppers	282402	4:1 cart-mounted sprayer with hoppers
282202	2:1 cart-mounted sprayer with hoppers	282000	Cart-mounted system with motor, no lowers, 5000 psi (345 bar, 34.5 MPa) circ/relief valves
282250	2.5:1 bare proportioner, no cart, guns, hoses or manifolds		

**XP50 Quick Set** - Cart-mounted systems. All models include Quick-set mix manifold, 10 ft (3.0 mm) static mix hose, Flex Plus gun and 6500 Air Motor System.

283101	1:1 without hoppers
283102	1:1 with hoppers
283201	2:1 without hoppers
283202	2:1 with hoppers
283301	3:1 without hoppers
283302	3:1 with hoppers
283401	4:1 without hoppers
283402	4:1 with hoppers



Quick-set mix manifold shown with heated hose

Quick-Set manifold includes fluid pressure gauges and independent A/B solvent flush ports.

**XP50 Mix-at-Gun** - XP50 cart-mounted systems. No spray hoses, mix manifolds or guns included in these packages. Contact Graco Distributor for two-component gun options.

282105	1:1 without hoppers	282255	2.5:1 without hoppers
282106	1:1 with hoppers	282256	2.5:1 with hoppers
282155	1.5:1 without hoppers	282305	3:1 without hoppers
282156	1.5:1 with hoppers	282306	3:1 with hoppers
282205	2:1 without hoppers	282405	4:1 without hoppers
282206	2:1 with hoppers	282406	4:1 with hoppers

**XP70** - All cart-mounted pump packages include material hoses and XTR-7 gun, and use an NXT 6500 Air Motor (N65DNO).

571100	1:1 bare proportioner, no cart, guns, hoses or manifolds	571251	2.5:1 cart-mounted sprayer without hoppers
571101	1:1 cart-mounted sprayer without hoppers	571252	2.5:1 cart-mounted sprayer with hoppers
571102	1:1 cart-mounted sprayer with hoppers	571300	3:1 bare proportioner, no cart, guns, hoses or manifolds
571150	1.5:1 bare proportioner, no cart, guns, hoses or manifolds	571301	3:1 cart-mounted sprayer without hoppers
571151	1.5:1 cart-mounted sprayer without hoppers	571302	3:1 cart-mounted sprayer with hoppers
571152	1.5:1 cart-mounted sprayer with hoppers	571400	4:1 bare proportioner, no cart, guns, hoses or manifolds
571200	2:1 bare proportioner, no cart, guns, hoses or manifolds	571401	4:1 cart-mounted sprayer without hoppers
571201	2:1 cart-mounted sprayer without hoppers	571402	4:1 cart-mounted sprayer with hoppers
571202	2:1 cart-mounted sprayer with hoppers	571000	Cart-mounted system with motor, no lowers, 7250 psi (500 bar, 50 MPa) circ/relief valves
571250	2.5:1 bare proportioner, no cart, guns, hoses or manifolds		

## Pump Loweres

**XP Pump Loweres** - All Xtreme XP pump loweres include built-in filter and X-Tuff packings (3 UHMWPE/2 PTFE)

L036C0	Xtreme XP 36 lower (X-Tuff Repair Kit 262786)	L097C0	Xtreme XP 97 lower (X-Tuff Repair Kit 262777)
L048C0	Xtreme XP 48 lower (X-Tuff Repair Kit 262787)	L115C0	Xtreme XP 115 lower (X-Tuff Repair Kit 262790)
L054C0	Xtreme XP 54 lower (X-Tuff Repair Kit 262774)	L14AC0	Xtreme XP 145 lower (X-Tuff Repair Kit 262791)
L058C0	Xtreme XP 58 lower (X-Tuff Repair Kit 262788)	L18AC0	Xtreme XP 180 lower (X-Tuff Repair Kit 262792)
L072C0	Xtreme XP 72 lower (X-Tuff Repair Kit 262775)	L22AC0	Xtreme XP 220 lower (X-Tuff Repair Kit 262793)
L085C0	Xtreme XP 85 lower (X-Tuff Repair Kit 262789)	L25AC0	Xtreme XP 250 lower (X-Tuff Repair Kit 262794)
L090C0	Xtreme XP 90 lower (X-Tuff Repair Kit 262776)	L29AC0	Xtreme XP 290 lower (X-Tuff Repair Kit 262795)

# Ordering Information

For more high-pressure airless accessories, see High-Pressure Accessories brochure (339361)

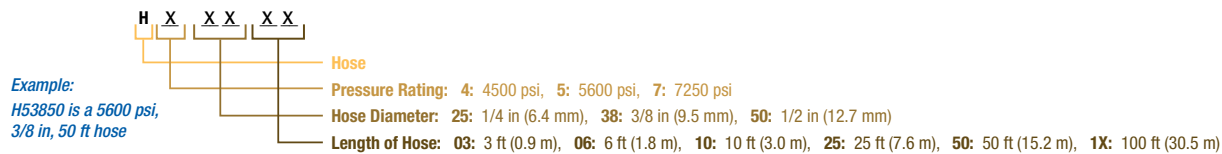
## Water Jacketed Heated Hoses - 50 ft (15.2 m), C Series, water-heated hose

24M440	3/8 in x 1/4 in (9.53 mm x 6.35 mm) 5000 psi (345 bar, 34.5 MPa)	248118	1/2 in x 1/2 in (13 mm) 7250 psi (500 bar, 50 MPa)
24M441	3/8 in x 3/8 in (9.53 mm) 5000 psi (345 bar, 34.5 MPa)	248119	3/8 in x 3/8 in (9.53 mm) 7250 psi (500 bar, 50 MPa)
24M442	1/2 in x 1/4 in (13 mm x 6.35 mm) 5000 psi (345 bar, 34.5 MPa)	248120	1/2 in x 3/8 in (13 mm x 9.53 mm) 7250 psi (500 bar, 50 MPa)
24M443	1/2 in x 3/8 in (13 mm x 9.53 mm) 5000 psi (345 bar, 34.5 MPa)	248121	3/8 in x 1/4 in (9.53 mm x 6.35 mm) 7250 psi (500 bar, 50 MPa)
24M444	1/2 in x 1/2 in (13 mm) 5000 psi (345 bar, 34.5 MPa)	24M439	1/2 in x 1/4 in (13 mm x 6.35 mm) 7250 psi (500 bar, 50 MPa)

## Electrically Heated Hoses - 50 ft (15.2 m), with FTS cable (see 309572 for hose fitting sizes and adapters)

248907	1/4 in x 3/8 in (6 mm x 10 mm) 5000 psi (345 bar, 34.5 MPa)	262730	1/2 in x 1/2 in (13 mm) 5000 psi (345 bar, 34.5 MPa)
248908	3/8 in x 3/8 in (10 mm) 5000 psi (345 bar, 34.5 MPa)	248921	Electric hose heat control kit
262727	1/2 in x 1/4 in (13 mm x 5 mm) 5000 psi (345 bar, 34.5 MPa)	24M943	Fluid temperature sensor kit (FTS), 1/2 in (13 mm) (fbe) - requires adapter fittings
262728	1/2 in x 3/8 in (13 mm x 10 mm) 5000 psi (345 bar, 34.5 MPa)		

## Xtreme-Duty™ High-Pressure Hose Selection Chart



## Supply Processing Equipment

### Supply Pump Kits

Includes 3/4 in x 10 ft (19 mm x 3.0 m) fluid hose, air regulator kit, air hose, fluid strainer and ball valve

256275	T2 2:1 drum pump
256276	Monark® 5:1, drum pump

### Agitator Kit

248824 Twistork® with air connection to work with feed pump kits (reference manual 310863)

### Solvent Flush Kit - Mounts to XP cart

262393 Merkur 45:1. Includes air controls, pail siphon, and 3 ft (0.9 m) hose to mix manifold

### 20-gal (76 l) Double Wall Immersion Heated Hopper Kits

For standard atmospheres. (Each kit includes 230V, 1500W immersion heater)

24N352	Gravity feed hopper, agitator, stand kit, flexible inlet kit with ball valve
24N354	Pump feed hopper, agitator, stand kit, (order feed pump kit separately)

### 20-gal (76 l) Double Wall Circulation Heated Hoppers

For explosive atmospheres. (Order circulation kit and Viscon HP heater separately)

24N353	Gravity feed hopper, agitator, stand kit, flexible inlet kit with ball valve
24N355	Pump feed hopper, agitator, stand kit, (order feed pump kit separately)

### XP Heated Hose/Hopper Circulation Kit - (Viscon™ HP heater ordered separately)

24M224 Circulation kit, heating fluid - includes pump and mounting hardware

### Miscellaneous

246978	Dual drum circulation kit with 1/2 in x 10 ft (13 mm x 3.0 m) hoses and 2 return tubes/desiccant kits
246477	Drum return tube/desiccant kit (requires fitting 159842 for XP return line)

## Temperature Controlling Equipment

262450	Heater mounting kit. Includes hose and fittings to mount one heater on the XP cart. Two heaters can be mounted on an XP cart.
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### Viscon Fluid Heaters

Explosive Atmosphere Fluid Heaters, Series A - Approved for explosive atmospheres

245848	Hazardous location, 120 VAC single phase, 2300 watts, 19.2 amps
245862	Hazardous location, 200 VAC single phase, 4000 watts, 20 amps
245863	Hazardous location, 240 VAC single phase, 4000 watts, 16.7 amps
246254	Hazardous location, 380 VAC single phase, 4000 watts, 10.5 amps
245864	Hazardous location, 480 VAC single phase, 4000 watts, 8.3 amps

Standard Atmosphere Fluid Heaters, Series A - Not approved for explosive atmospheres

245867	Non-hazardous location, 120 VAC single phase, 2300 watts, 19.2 amps
245868	Non-hazardous location, 200 VAC single phase, 4000 watts, 20 amps
245869	Non-hazardous location, 240 VAC single phase, 4000 watts, 16.7 amps
246276	Non-hazardous location, 380 VAC single phase, 4000 watts, 10.5 amps
245870	Non-hazardous location, 480 VAC single phase, 4000 watts, 8.3 amps

### Band Heaters - Not approved for explosive atmospheres

15F028	Heater, drum, 1000 watts, 230V
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## Accessories

### Spray Guns, 5000 psi (345 bar, 34 MPa)

XTR502	XTR-5, oval insulated handle, four-finger trigger, HD RAC tip
XTR503	XTR-5, oval insulated handle, two-finger trigger, HD RAC tip
XTR504	XTR-5, round handle, four-finger trigger, HD RAC tip
XTR505	XTR-5, round handle, two-finger trigger, HD RAC tip

### Spray Guns, 7250 psi (500 bar, 50 MPa)

XTR702	XTR-7, oval insulated handle, four-finger trigger, XHD RAC tip
XTR703	XTR-7, oval insulated handle, two-finger trigger, XHD RAC tip
XTR704	XTR-7, round handle, four-finger trigger, XHD RAC tip
XTR705	XTR-7, round handle, two-finger trigger, XHD RAC tip

### Static Mixing, 7250 psi (500 bar, 50 MPa)

248927	25 pack, disposable, 1/2 in (12 mm), 12 element
262478	Static mix housing, 1/2 in ID x 5 in (12 mm x 127 mm)
511352	Static mixer, SST, 3/8 in x 9.5 in (9.5 mm x 241 mm)

### Hoppers

24F376	Blue for resin side (7-gal (26.5 l) hopper kits with bracket and hardware to mount on an XP cart)
24F377	Green for hardener side (7-gal (26.5 l) hopper kits with bracket and hardware to mount on an XP cart)
262454	Desiccant dryer kit. Bulkhead fitting and 2-pack of cartridges for one hopper

### XP Pressure Monitor Kit (see manual 3A1331) - Not approved for explosive atmospheres

262940	Pressure monitor kit, wall powered with light tower
262942	Pressure monitor kit, air powered with light tower

### Manifolds

24M398	Quick-Set mix manifold with carriage
262807	Standard mix manifold, no carriage
262522	Carriage only - no mix manifold
24F375	Mix manifold ratio sampling kit - 1 valve
262826	Gun Splitter manifold (see p 9)
262784	XP35 circulation manifold w/pressure relief
262783	XP50 circulation manifold w/pressure relief
262806	XP70 circulation manifold w/pressure relief
262808	Valve, over pressure relief, purple, XP35
262809	Valve, over pressure relief, gold, XP50
262520	Valve, over pressure relief, silver, XP70

### Miscellaneous

262739	Ball Valve, 1/2 in (13 mm), 7250 psi (500 bar, 50 MPa) - with handle
262740	Ball Valve, 1/2 in (13 mm), 7250 psi (500 bar, 50 MPa) - no handle
24M281	Stand for bare air or hydraulic XP units
262812	Wall bracket for bare air or hydraulic XP units



## ABOUT GRACO

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