

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 the 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 labour 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 500 bar (7250 psi, 50 MPa) to handle viscous materials and long hose lengths

Compact cart-mounted

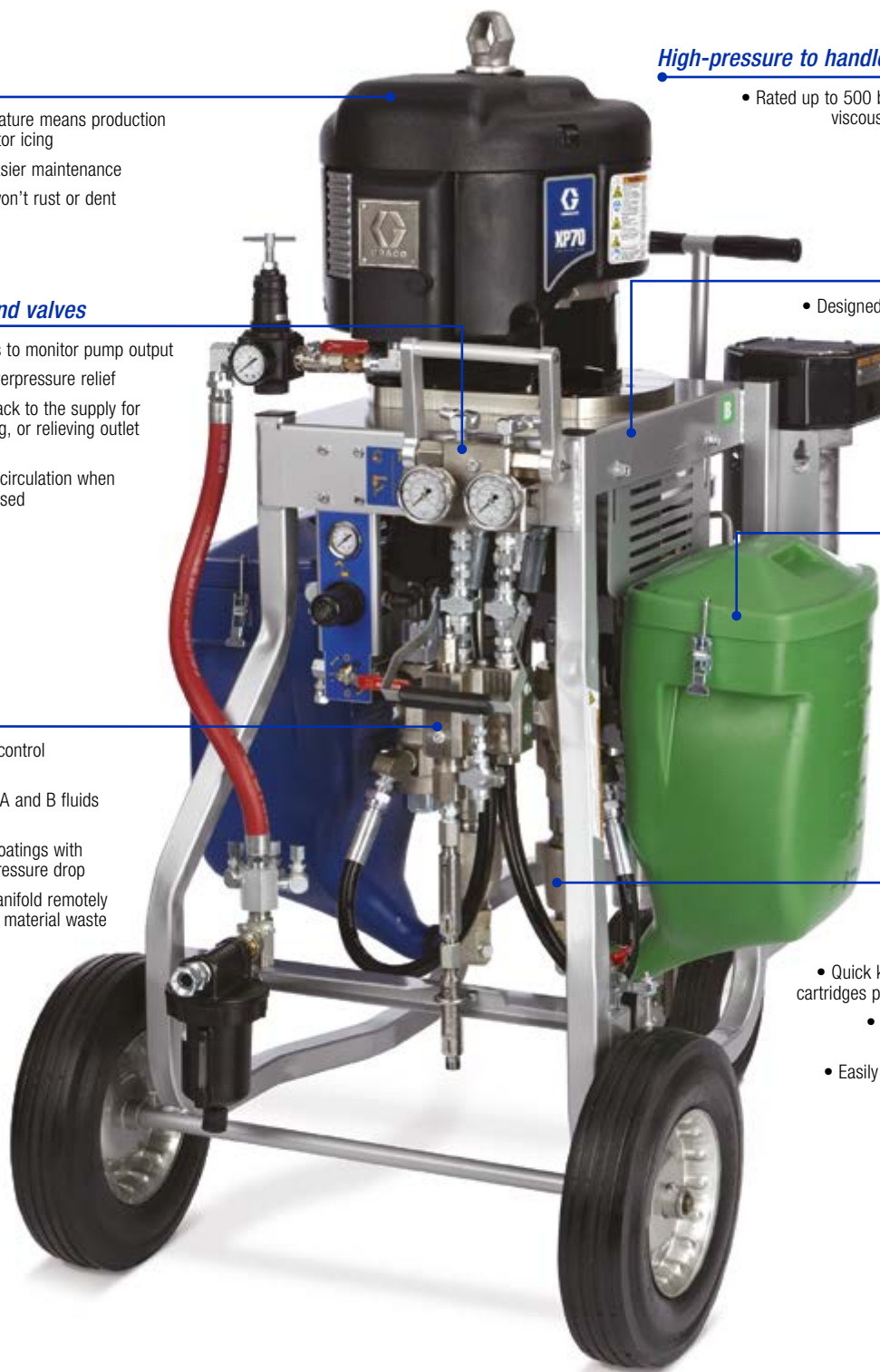
- Designed for easy handling by one person
- Can be floor mounted after removing wheels
- Easy mounting of optional flush pump and heaters

Material hoppers

- Side-mounted 26 liter (7-gal) 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

Visit www.graco.com/xp and upgrade from hand-mixing today!

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 labour 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 to calculate an ROI for your application.

MATERIAL SAVINGS (by eliminating unused mixed material in pail)	*EXAMPLE	ACTUAL	FORMULA
Average cost of coating per liter	12.00		A
Amount of wasted material per day	2.75 l		B
Average cost of wasted coating per day	33.00		C = AxB
TOTAL SAVINGS (assumes 200 working days per year)	6.600		D = Cx200
MATERIAL SAVINGS (by shortening mixed material hose length)	*EXAMPLE	ACTUAL	FORMULA
Material volume in shortened hose (assumes 3/8" hose x 15 m = 1.1 l)	1.10 l		E
Average cost of wasted coating per day (F = E x A)	13.20		F
TOTAL SAVINGS (assumes 200 working days per year)	2.640		G = Fx200
SOLVENT SAVINGS (by eliminating potlife extender/reducer)	*EXAMPLE	ACTUAL	FORMULA
Average cost of potlife extender/reducer per liter	4.00		H
Amount of potlife extender/reducer used per day (assumes 2 l solvent per 20 l)	16 l		I
Average cost of potlife extender/reducer used per day	64.00		J = HxI
TOTAL SAVINGS (assumes 200 working days per year)	12.800		K = Jx200
SOLVENT SAVINGS (by eliminating pump flushing)	*EXAMPLE	ACTUAL	FORMULA
Average cost of solvent per liter	4.00		L
Material volume of pump, siphon hose, siphon tube (220 cc pump + 1320 cc from siphon hose and tube)	1.50 l		M
Amount of solvent used per day (N = M x 3 flush factor x L)	18.00		N
TOTAL SAVINGS (assumes 200 working days per year)	3.600		O = Nx200
TOTAL SAVINGS FROM XP70 WHEN COMPARED TO HAND-MIXING	25.640		O = D+G+K+O

Example is based on spraying 160 l in an 8-hour shift



Choose The Right Graco XP For Your Application



Graco XP70™ Plural-Component Sprayers

High-pressure for high-solids coatings 500 bar (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 310 to 345 bar (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 3m (10 ft) 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 240 bar (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: 240, 345 and 500 bar (3500, 5000 and 7250 psi)
- 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 lpm (gpm) at 40 cpm	MAX FLUID WORKING PRESSURE bar (psi, MPa)	MAX OIL WORKING PRESSURE bar (psi, MPa)
284101	1:1	17.4 (4.6)	217 (3150, 22)	124 (1800, 12.5)
284102	1:1	11.7 (3.1)	324 (4700, 32)	124 (1800, 12.5)
284103	1:1	7.2 (1.9)	500 (7250, 50)	119 (1720, 11.9)
284201	2:1	17.4 (4.6)	217 (3150, 22)	124 (1800, 12.5)
284202	2:1	11.0 (2.9)	348 (5050, 35)	124 (1800, 12.5)
284203	2:1	6.8 (1.8)	500 (7250, 50)	114 (1600, 11.4)
284251	2.5:1	16.3 (4.3)	233 (3384, 23)	124 (1800, 12.5)
284252	2.5:1	10.2 (2.7)	345 (5000, 34)	114 (1600, 12.5)
284253	2.5:1	7.9 (2.1)	468 (6786, 47)	124 (1800, 12.5)
284301	3:1	15.5 (4.1)	241 (3500, 24)	124 (1800, 12.5)
284302	3:1	11.7 (3.1)	324 (4700, 32)	124 (1800, 12.5)
284303	3:1	7.6 (2.0)	490 (7100, 49)	124 (1800, 12.5)
284401	4:1	14.4 (3.8)	262 (3800, 26)	124 (1800, 12.5)
284402	4:1	11.0 (2.9)	345 (5000, 34)	124 (1800, 12.5)
284403	4:1	7.2 (1.9)	500 (7250, 50)	117 (1700, 11.7)

Max hydraulic fluid flow 45.6 lpm (12 gpm)

Hydraulic fluid consumption 3.8 l (1 gal) 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	4° to 54°C (40° to 130°F)
Storage	-1° to 71°C (30° to 160°F)

Max fluid temperature 71°C (160°F)

Environmental rating Indoor/Outdoor

Hazardous areas Ex II 2 G

Note: XP-h pump packages (284XXX) are not EX rated

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 12 bar (175 psi, 1.2 MPa)

Air consumption (per 3.78 l (1 gal) of flow) XP70: 2100 lpm (75 scfm) at 7 bar (100 psi)
XP50: 1700 lpm (60 scfm) at 7 bar (100 psi)
XP35: 1400 lpm (50 scfm) at 7 bar (100 psi)

Dimensions

Bare machine	132 x 152 x 81.6 cm
With 7 gal (26 l) hoppers	132 x 152 x 89 cm

Weight

Bare system	192 kg <i>(No heaters, hoppers or solvent flush pump)</i>
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Full system	260 kg <i>(Includes 2 heaters, solvent pump and empty hoppers)</i>
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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 7 bar (100 psi, 0.7 MPa)

Sound power 98 dBA at 7 bar (100 psi, 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 bar (psi)	MAX FLUID PRESSURE bar (psi)	FLOW RATE at 40 CYCLES/MIN lpm (gpm)
XP70							
1:1	73:1	Xtreme 90 (L090C0)	Xtreme 90 (L090C0)	180	6.9 (100)	500 (7250)	7.23 (1.91)
1.5:1	91:1	Xtreme 85 (L085C0)	Xtreme 58 (L058C0)	144	5.5 (80)	500 (7250)	5.76 (1.52)
2:1	76:1	Xtreme 115 (L115C0)	Xtreme 58 (L058C0)	174	6.5 (95)	500 (7250)	6.96 (1.84)
2.5:1	65:1	Xtreme 145 (L14AC0)	Xtreme 58 (L058C0)	203	6.9 (100)	448 (6500)	8.12 (2.14)
3:1	68:1	Xtreme 145 (L14AC0)	Xtreme 48 (L048C0)	193	6.9 (100)	469 (6800)	7.72 (2.04)
4:1	73:1	Xtreme 145 (L14AC0)	Xtreme 36 (L036C0)	181	6.9 (100)	500 (7250)	1.91 (7.23)
XP50							
1:1	45:1	Xtreme 145 (L14AC0)	Xtreme 145 (L14AC0)	290	6.9 (100)	310 (4500)	11.58 (3.06)
1.5:1	55:1	Xtreme 145 (L14AC0)	Xtreme 97 (L097C0)	242	6.9 (100)	379 (5500)	9.65 (2.55)
2:1	48:1	Xtreme 180 (L18AC0)	Xtreme 90 (L090C0)	270	6.9 (100)	330 (4800)	10.86 (2.87)
2.5:1	52:1	Xtreme 180 (L18AC0)	Xtreme 72 (L072C0)	257	6.9 (100)	359 (5200)	10.14 (2.68)
3:1	45:1	Xtreme 220 (L22AC0)	Xtreme 72 (L072C0)	292	6.9 (100)	310 (4500)	11.58 (3.06)
3.3:1	56:1	Xtreme 180 (L18AC0)	Xtreme 54 (L054C0)	234	6.9 (100)	345 (5000)	9.5 (2.5)
4:1	49:1	Xtreme 220 (L22AC0)	Xtreme 54 (L054C0)	274	6.9 (100)	338 (4900)	10.86 (2.87)
XP35							
1:1	38:1	Xtreme 90 (L090C0)	Xtreme 90 (L090C0)	180	6.9 (100)	241 (3500)	7.23 (1.91)
2:1	40:1	Xtreme 115 (L115C0)	Xtreme 58 (L058C0)	174	6.9 (100)	241 (3500)	6.96 (1.84)
2.5:1	34:1	Xtreme 145 (L14AC0)	Xtreme 58 (L058C0)	203	6.9 (100)	241 (3500)	8.12 (2.14)
3:1	36:1	Xtreme 145 (L14AC0)	Xtreme 48 (L048C0)	192	6.5 (95)	234 (3400)	7.72 (2.04)
4:1	38:1	Xtreme 145 (L14AC0)	Xtreme 36 (L036C0)	181	6.2 (90)	241 (3500)	7.23 (1.91)

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

- 76 liter (20-gal) 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



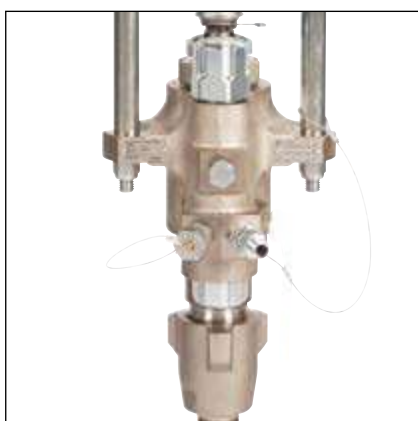
Merkur™ Solvent Flush Pump

- 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 Lower

- 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, 3.1:1 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).

Versions without fluid heater and solvent flush pump

281100	.....	1:1	bare proportioner, no cart, guns, hoses or manifolds
281101	.....	1:1	cart-mounted sprayer without hoppers
281102	.....	1:1	cart-mounted sprayer with hoppers
281200	.....	2:1	bare proportioner, no cart, guns, hoses or manifolds
281202	.....	2:1	cart-mounted sprayer with hoppers
281201	.....	2:1	cart-mounted sprayer without hoppers
262803	.....	2.5:1	bare proportioner, no cart, guns, hoses or manifolds
281252	.....	2.5:1	cart-mounted sprayer with hoppers
262804	.....	2.5:1	cart-mounted sprayer without hoppers
281300	.....	3:1	bare proportioner, no cart, guns, hoses or manifolds
281302	.....	3:1	cart-mounted sprayer with hoppers
281301	.....	3:1	cart-mounted sprayer without hoppers
281400	.....	4:1	bare proportioner, no cart, guns, hoses or manifolds
281402	.....	4:1	cart-mounted sprayer with hoppers
281401	.....	4:1	cart-mounted sprayer without hoppers
281000	.....		Cart-mounted system with motor, no lowers, 240 bar (3500 psi, 241 MPa) circ/relief valves

Versions with 2 x 240V IS fluid heater and solvent flush pump 45:1

281103	.....	1:1	cart-mounted sprayer without hoppers
281104	.....	1:1	cart-mounted sprayer with hoppers
281204	.....	2:1	cart-mounted sprayer with hoppers
281203	.....	2:1	cart-mounted sprayer without hoppers
281254	.....	2.5:1	cart-mounted sprayer with hoppers
281253	.....	2.5:1	cart-mounted sprayer without hoppers
281304	.....	3:1	cart-mounted sprayer with hoppers
281303	.....	3:1	cart-mounted sprayer without hoppers
281404	.....	4:1	cart-mounted sprayer with hoppers
281403	.....	4:1	cart-mounted sprayer without hoppers

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.

Versions without fluid heater and solvent flush pump

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



Ordering Information

Sprayers

XP50

All cart-mounted pump packages include material hoses and XTR-5 gun, and use an NXT 6500 Air Motor (N65DN0).

Versions without fluid heater and solvent flush pump

282100	.....	1:1 bare proportioner, no cart, guns, hoses or manifolds
282101	.....	1:1 cart-mounted sprayer without hoppers
282102	.....	1:1 cart-mounted sprayer with hoppers
282150	.....	1.5:1 bare proportioner, no cart, guns, hoses or manifolds
282151	.....	1.5:1 cart-mounted sprayer without hoppers
282152	.....	1.5:1 cart-mounted sprayer with hoppers
282200	.....	2:1 bare proportioner, no cart, guns, hoses or manifolds
282201	.....	2:1 cart-mounted sprayer without hoppers
282202	.....	2:1 cart-mounted sprayer with hoppers
282250	.....	2.5:1 bare proportioner, no cart, guns, hoses or manifolds
282251	.....	2.5:1 cart-mounted sprayer without hoppers
282252	.....	2.5:1 cart-mounted sprayer with hoppers
282300	.....	3:1 bare proportioner, no cart, guns, hoses or manifolds
282301	.....	3:1 cart-mounted sprayer without hoppers
282302	.....	3:1 cart-mounted sprayer with hoppers
282331	.....	3.3:1 cart-mounted sprayer without hoppers
282332	.....	3.3:1 cart-mounted sprayer with hoppers
282400	.....	4:1 bare proportioner, no cart, guns, hoses or manifolds
282401	.....	4:1 cart-mounted sprayer without hoppers
282402	.....	4:1 cart-mounted sprayer with hoppers
282000	.....	Cart-mounted system with motor, no lowers, 345 bar (5000 psi, 345 MPa) circ/relief valves

Versions with 2 x 240V IS fluid heater and solvent flush pump 45:1

282103	.....	1:1 cart-mounted sprayer without hoppers
282104	.....	1:1 cart-mounted sprayer with hoppers
282153	.....	1.5:1 cart-mounted sprayer without hoppers
282154	.....	1.5:1 cart-mounted sprayer with hoppers
282203	.....	2:1 cart-mounted sprayer without hoppers
282204	.....	2:1 cart-mounted sprayer with hoppers
282253	.....	2.5:1 cart-mounted sprayer without hoppers
282254	.....	2.5:1 cart-mounted sprayer with hoppers
282303	.....	3:1 cart-mounted sprayer without hoppers
282304	.....	3:1 cart-mounted sprayer with hoppers
282333	.....	3.3:1 cart-mounted sprayer without hoppers
282334	.....	3.3:1 cart-mounted sprayer with hoppers
282403	.....	4:1 cart-mounted sprayer without hoppers
282404	.....	4:1 cart-mounted sprayer with hoppers



XP50 Quick Set

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

Versions without fluid heater and solvent flush pump

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

Versions with fluid heater and solvent flush pump

283103	.....	1:1	without	hoppers
283104	.....	1:1	with	hoppers
283203	.....	2:1	without	hoppers
283204	.....	2:1	with	hoppers
283303	.....	3:1	without	hoppers
283304	.....	3:1	with	hoppers
283403	.....	4:1	without	hoppers
283404	.....	4:1	with	hoppers

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.

Versions without fluid heater and solvent flush pump

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

Ordering Information

Sprayers

XP70

All cart-mounted pump packages include material hoses and XTR-7 gun, and use an NXT 6500 Air Motor (N65DN0).

Versions without fluid heater and solvent flush pump

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

Versions with fluid heater and solvent flush pump

571103	.....	1:1 cart-mounted sprayer without hoppers
571104	.....	1:1 cart-mounted sprayer with hoppers
571153	.....	1.5:1 cart-mounted sprayer without hoppers
571154	.....	1.5:1 cart-mounted sprayer with hoppers
571203	.....	2:1 cart-mounted sprayer without hoppers
571204	.....	2:1 cart-mounted sprayer with hoppers
571253	.....	2.5:1 cart-mounted sprayer without hoppers
571254	.....	2.5:1 cart-mounted sprayer with hoppers
571303	.....	3:1 cart-mounted sprayer without hoppers
571304	.....	3:1 cart-mounted sprayer with hoppers
571403	.....	4:1 cart-mounted sprayer without hoppers
571404	.....	4:1 cart-mounted sprayer with hoppers



Pump Lowers

XP Pump Lowers

All Xtreme XP pump lowers include built-in filter and X-Tuff packings

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

Notes

Ordering Information

Water Jacketed Heated Hoses

15.2m (50 ft), water-heated hose

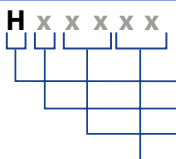
24M440	9.53 mm x 6.35 mm (3/8 in x 1/4 in)	345 bar (5000 psi, 34.5 MPa)
24M441	9.53 mm (3/8 in x 3/8 in)	345 bar (5000 psi, 34.5 MPa)
24M442	13 mm x 6.35 mm (1/2 in x 1/4 in)	345 bar (5000 psi, 34.5 MPa)
24M443	13 mm x 9.53 mm (1/2 in x 3/8 in)	345 bar (5000 psi, 34.5 MPa)
24M444	13mm (1/2 in x 1/2 in)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

Electrically Heated Hoses

15.2m (50 ft), with FTS cable (see 309572 for hose fitting sizes and adapters)

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

Xtreme-Duty™ High-Pressure Hose Selection Chart

H	X	X	X	X	X
					
Hose					
Pressure Rating: 4: 310 bar					
5: 386 bar					
7: 500 bar					
Hose Diameter: 25: 6.4 mm (1/4 in)					
38: 9.5 mm (3/8 in)					
50: 12.7 mm (1/2 in)					
Length of Hose: 03: 0.9 m (3 ft)					
06: 1.8 m (6 ft)					
1X: 30.5 m (100 ft)					
50: 15.2 m (50 ft)					
25: 7.6 m (25ft)					

Example:
H53850 is a 386 bar (5600 psi), 3/8 in, 15.2 meter hose

Supply Processing Equipment

Supply Pump Kits

Includes 19 mm x 3.0m (3/4 in x 10 ft) 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 0.9 m (3 ft) hose to mix manifold

76l (20-gal) 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/strainer
24N354	Pump feed hopper, agitator, stand kit, (order feed pump kit separately)

76l (20-gal) 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/strainer
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 13 mm x 3.0 m (1/2 in x 10 ft) 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.

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

Accessories

Spray Guns, 345 bar (5000 psi, 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, 500 bar (7250 psi, 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, 500 bar (7250 psi, 50 MPa)

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

Hoppers

24F376 Blue for resin side (26.5 l (7-gal)) hopper kits with bracket and hardware to mount on an XP cart)
24F377 Green for hardener side (26.5 l (7-gal)) 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 with pressure relief
262783 XP50 circulation manifold with pressure relief
262806 XP70 circulation manifold with pressure relief
262808 Valve, over pressure relief, silver, XP70
262809 Valve, over pressure relief, gold, XP50
262520 Valve, over pressure relief, purple, XP35

Miscellaneous

262739 Ball Valve, 13 mm (1/2 in), 500 bar (7250 psi, 50 MPa) - with handle
262740 Ball Valve, 13 mm (1/2 in), 500 bar (7250 psi, 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

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 that 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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