XP™ Plural-Component Sprayers
Easy-to-Use Sprayers for Industrial Coatings
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
- Railcars
- Refineries
- Pipes
- Secondary containment
- Marine/shipbuilding
- Wastewater treatment
- Bridges
- Wind towers
- Water towers
- Structural steel
- Roof coatings
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.

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

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

High-pressure to handle high-viscosity coatings
- Rated up to 7,250 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

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 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.
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.

<table>
<thead>
<tr>
<th>MATERIAL SAVINGS (by eliminating unused mixed material in pail)</th>
<th>*EXAMPLE</th>
<th>ACTUAL</th>
<th>FORMULA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average cost of coating per gallon</td>
<td>$40.00</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Amount of wasted material per day</td>
<td>.75 gal</td>
<td>B</td>
<td>C = AxB</td>
</tr>
<tr>
<td>Average cost of wasted coating per day</td>
<td>$30.00</td>
<td></td>
<td>D = Cx200</td>
</tr>
<tr>
<td>TOTAL SAVINGS (assumes 200 work days per year)</td>
<td>$6,000.00</td>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>MATERIAL SAVINGS (by shortening mixed material hose length)</th>
<th>*EXAMPLE</th>
<th>ACTUAL</th>
<th>FORMULA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material volume in shortened hose (assumes 3/8-in hose x 50 ft = 1100 cc)</td>
<td>1100 cc</td>
<td>E</td>
<td>G = Fx200</td>
</tr>
<tr>
<td>Average cost of wasted coating per day</td>
<td>$11.62</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>TOTAL SAVINGS (assumes 200 work days per year)</td>
<td>$2,325.00</td>
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</table>

<table>
<thead>
<tr>
<th>SOLVENT SAVINGS (by eliminating potlife extender)</th>
<th>*EXAMPLE</th>
<th>ACTUAL</th>
<th>FORMULA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average cost of potlife extender per gallon</td>
<td>$15.00</td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Amount of potlife extender used per day (assumes 0.5 gal solvent per 5 gal material)</td>
<td>4 gal</td>
<td>I</td>
<td>J = HxI</td>
</tr>
<tr>
<td>Average cost of potlife extender used per day</td>
<td>$60.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL SAVINGS (assumes 200 work days per year)</td>
<td>$12,000.00</td>
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</table>

<table>
<thead>
<tr>
<th>SOLVENT SAVINGS (by eliminating pump flushing)</th>
<th>*EXAMPLE</th>
<th>ACTUAL</th>
<th>FORMULA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average cost of solvent per gallon</td>
<td>$15.00</td>
<td>L</td>
<td></td>
</tr>
<tr>
<td>Material volume of pump, siphon hose, siphon tube (220 cc pump x 1320 cc from siphon hose and tube)</td>
<td>1540 cc</td>
<td>M</td>
<td>O = Nx200</td>
</tr>
<tr>
<td>Amount of solvent used per day (N = M/3785 cc/gal x 3 flush factor x L)</td>
<td>$18.31</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>TOTAL SAVINGS (assumes 200 work days per year)</td>
<td>$3,662.00</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TOTAL SAVINGS FROM XP WHEN COMPARED TO HAND-MIXING</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$23,987.00</td>
<td>P</td>
<td>D+G+K+O</td>
</tr>
</tbody>
</table>

*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.

Try the ROI calculator at www.graco.com/xpROI
Choose The Right Graco XP For Your Application

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

For low pressure airless applications (3500 psi), the Graco XP35 is optimized for lower-pressure airless spray applications. With similar flow capability as the XP70, but a smaller NXT 3400 air motor, the XP35 serves as an ideal replacement for Graco Bulldog Hydra-Cat™ systems.

**Typical Materials**
- Medium viscosity epoxies
- Slower-setting urethane topcoats
- Ideal for airless plural-component guns using static mixers, such as Fusion® Solvent Purge spray gun

*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.*

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

Engineered for more flow capacity, 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

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**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

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**Graco XP50™ 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)

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

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

### Fluid filtration
- XP pump outlets: 30 mesh
- XTR-7 Spray Gun outlet: 60 mesh

### Air inlet filtration
- 40 micron

### Ambient temperature range
- Operating: 40°F to 130°F (4°C to 54°C)
- Storage: 30°F to 160°F (-1°C to 71°C)

### Max fluid temperature
- 160°F (71°C)

### Environmental rating
- Indoor/Outdoor
- Ex II 2 G

### Fluid viscosity range
- 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 35 W in (132 x 152 x 89 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)
- Full system: 575 lb (260 kg)

### 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

### MIX Ratio Selection Guide

<table>
<thead>
<tr>
<th>MIX RATIO BY VOLUME</th>
<th>PRESSURE RATIO</th>
<th>RESIN PUMP</th>
<th>HARDENER PUMP</th>
<th>COMBINED OUTPUT CC'S/CYCLE</th>
<th>MAX AIR SETPOINT psi (bar)</th>
<th>MAX FLUID PRESSURE psi (bar)</th>
<th>FLOW RATE at 40 CYCLES/MIN gpm (lpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP70</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:1</td>
<td>73:1</td>
<td>Xtreme 90 (L090C0)</td>
<td>Xtreme 90 (L090C0)</td>
<td>180</td>
<td>100 (6.9)</td>
<td>7250 (500)</td>
<td>1.91 (7.23)</td>
</tr>
<tr>
<td>1.5:1</td>
<td>91:1</td>
<td>Xtreme 85 (L085C0)</td>
<td>Xtreme 58 (L058C0)</td>
<td>144</td>
<td>80 (5.5)</td>
<td>7250 (500)</td>
<td>1.52 (5.76)</td>
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<tr>
<td>2:1</td>
<td>76:1</td>
<td>Xtreme 115 (L115C0)</td>
<td>Xtreme 58 (L058C0)</td>
<td>174</td>
<td>95 (6.5)</td>
<td>7250 (500)</td>
<td>1.84 (6.96)</td>
</tr>
<tr>
<td>2.5:1</td>
<td>65:1</td>
<td>Xtreme 145 (L14AC0)</td>
<td>Xtreme 58 (L058C0)</td>
<td>203</td>
<td>100 (6.9)</td>
<td>6500 (448)</td>
<td>2.14 (8.12)</td>
</tr>
<tr>
<td>3:1</td>
<td>68:1</td>
<td>Xtreme 145 (L14AC0)</td>
<td>Xtreme 48 (L048C0)</td>
<td>193</td>
<td>100 (6.9)</td>
<td>6800 (469)</td>
<td>2.04 (7.72)</td>
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<tr>
<td>4:1</td>
<td>73:1</td>
<td>Xtreme 145 (L14AC0)</td>
<td>Xtreme 36 (L036C0)</td>
<td>181</td>
<td>100 (6.9)</td>
<td>7250 (500)</td>
<td>1.91 (7.23)</td>
</tr>
</tbody>
</table>

| XP50                |                |            |               |                           |                            |                            |                                     |
| 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)                 | 2.67 (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)                      |

| XP35                |                |            |               |                           |                            |                            |                                     |
| 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

**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

**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**

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**Graco Gun Splitter**

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**Graco XP Heated Hoppers**

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**Merkur® Solvent Flush Pump**

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**Viscon® Fluid Heaters**

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**Xtreme Pump Lowers**

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**Remote Mount Mix Manifold**

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**Ordering Information**

### Sprayers

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Part Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>281100</td>
<td>1:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>262804</td>
<td>2.5:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>281101</td>
<td>1:1 cart-mounted sprayer without hoppers</td>
<td>281300</td>
<td>3:1 bare proportioner, no cart, guns, hoses or manifolds</td>
</tr>
<tr>
<td>281102</td>
<td>1:1 cart-mounted sprayer with hoppers</td>
<td>281302</td>
<td>3:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>281200</td>
<td>2:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>281301</td>
<td>3:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>281202</td>
<td>2:1 cart-mounted sprayer with hoppers</td>
<td>281400</td>
<td>4:1 bare proportioner, no cart, guns, hoses or manifolds</td>
</tr>
<tr>
<td>281201</td>
<td>2:1 cart-mounted sprayer without hoppers</td>
<td>281402</td>
<td>4:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>282803</td>
<td>2.5:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>281401</td>
<td>4:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>281252</td>
<td>2.5:1 cart-mounted sprayer with hoppers</td>
<td>281000</td>
<td>Cart-mounted system with motor, no lowers, 3500 psi (241 bar, 24.1 MPa) circ/relief valves</td>
</tr>
</tbody>
</table>

**XP35 Mix-at-Gun**  
Cart-mounted systems. All spray hoses, guns or mix manifold included in these packages. Contact Graco Distributor for two-component gun options.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Part Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>281105</td>
<td>1:1 without hoppers</td>
<td>281256</td>
<td>2.5:1 with hoppers</td>
</tr>
<tr>
<td>281106</td>
<td>1:1 with hoppers</td>
<td>281305</td>
<td>3:1 without hoppers</td>
</tr>
<tr>
<td>281205</td>
<td>2:1 without hoppers</td>
<td>281306</td>
<td>3:1 with hoppers</td>
</tr>
<tr>
<td>281206</td>
<td>2:1 with hoppers</td>
<td>281405</td>
<td>4:1 without hoppers</td>
</tr>
<tr>
<td>281255</td>
<td>2.5:1 without hoppers</td>
<td>281406</td>
<td>4:1 with hoppers</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Part Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>282100</td>
<td>1:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>282251</td>
<td>2.5:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>282101</td>
<td>1:1 cart-mounted sprayer without hoppers</td>
<td>282252</td>
<td>2.5:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>282102</td>
<td>1:1 cart-mounted sprayer with hoppers</td>
<td>282300</td>
<td>3:1 bare proportioner, no cart, guns, hoses or manifolds</td>
</tr>
<tr>
<td>282150</td>
<td>1.5:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>282301</td>
<td>3:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>282151</td>
<td>1.5:1 cart-mounted sprayer without hoppers</td>
<td>282302</td>
<td>3:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>282152</td>
<td>1.5:1 cart-mounted sprayer with hoppers</td>
<td>282400</td>
<td>4:1 bare proportioner, no cart, guns, hoses or manifolds</td>
</tr>
<tr>
<td>282200</td>
<td>2:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>282401</td>
<td>4:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>282201</td>
<td>2:1 cart-mounted sprayer without hoppers</td>
<td>282402</td>
<td>4:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>282202</td>
<td>2:1 cart-mounted sprayer with hoppers</td>
<td>282000</td>
<td>Cart-mounted system with motor, no lowers, 5000 psi (345 bar, 34.5 MPa) circ/relief valves</td>
</tr>
<tr>
<td>282250</td>
<td>2.5:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>282405</td>
<td>4:1 without hoppers</td>
</tr>
<tr>
<td>282206</td>
<td>2:1 with hoppers</td>
<td>282406</td>
<td>4:1 with hoppers</td>
</tr>
</tbody>
</table>

**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.

**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.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Part Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>571100</td>
<td>1:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>571251</td>
<td>2.5:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>571101</td>
<td>1:1 cart-mounted sprayer without hoppers</td>
<td>571252</td>
<td>2.5:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>571102</td>
<td>1:1 cart-mounted sprayer with hoppers</td>
<td>571300</td>
<td>3:1 bare proportioner, no cart, guns, hoses or manifolds</td>
</tr>
<tr>
<td>571150</td>
<td>1.5:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>571301</td>
<td>3:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>571151</td>
<td>1.5:1 cart-mounted sprayer without hoppers</td>
<td>571302</td>
<td>3:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>571152</td>
<td>1.5:1 cart-mounted sprayer with hoppers</td>
<td>571400</td>
<td>4:1 bare proportioner, no cart, guns, hoses or manifolds</td>
</tr>
<tr>
<td>571200</td>
<td>2:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>571401</td>
<td>4:1 cart-mounted sprayer without hoppers</td>
</tr>
<tr>
<td>571201</td>
<td>2:1 cart-mounted sprayer without hoppers</td>
<td>571402</td>
<td>4:1 cart-mounted sprayer with hoppers</td>
</tr>
<tr>
<td>571202</td>
<td>2:1 cart-mounted sprayer with hoppers</td>
<td>571000</td>
<td>Cart-mounted system with motor, no lowers, 7250 psi (500 bar, 50 MPa) circ/relief valves</td>
</tr>
<tr>
<td>571250</td>
<td>2.5:1 bare proportioner, no cart, guns, hoses or manifolds</td>
<td>571405</td>
<td>4:1 without hoppers</td>
</tr>
<tr>
<td>571206</td>
<td>2:1 with hoppers</td>
<td>571406</td>
<td>4:1 with hoppers</td>
</tr>
</tbody>
</table>

### Pump Lowers

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Part Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>L036C0</td>
<td>Xtreme XP 36 lower (X-Tuff Repair Kit 262786)</td>
<td>L097C0</td>
<td>Xtreme XP 97 lower (X-Tuff Repair Kit 262777)</td>
</tr>
<tr>
<td>L048C0</td>
<td>Xtreme XP 48 lower (X-Tuff Repair Kit 262787)</td>
<td>L115C0</td>
<td>Xtreme XP 115 lower (X-Tuff Repair Kit 262790)</td>
</tr>
<tr>
<td>L054C0</td>
<td>Xtreme XP 54 lower (X-Tuff Repair Kit 262774)</td>
<td>L144C0</td>
<td>Xtreme XP 145 lower (X-Tuff Repair Kit 262781)</td>
</tr>
<tr>
<td>L059C0</td>
<td>Xtreme XP 58 lower (X-Tuff Repair Kit 262789)</td>
<td>L184C0</td>
<td>Xtreme XP 180 lower (X-Tuff Repair Kit 262792)</td>
</tr>
<tr>
<td>L072C0</td>
<td>Xtreme XP 72 lower (X-Tuff Repair Kit 262775)</td>
<td>L224C0</td>
<td>Xtreme XP 220 lower (X-Tuff Repair Kit 262793)</td>
</tr>
<tr>
<td>L085C0</td>
<td>Xtreme XP 85 lower (X-Tuff Repair Kit 262789)</td>
<td>L254C0</td>
<td>Xtreme XP 250 lower (X-Tuff Repair Kit 262794)</td>
</tr>
<tr>
<td>L090C0</td>
<td>Xtreme XP 90 lower (X-Tuff Repair Kit 262776)</td>
<td>L294C0</td>
<td>Xtreme XP 290 lower (X-Tuff Repair Kit 262795)</td>
</tr>
</tbody>
</table>
### 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)
- **24M441**: 3/8 in x 3/8 in (9.53 mm x 9.53 mm) 5000 psi (345 bar, 34.5 MPa)
- **24M442**: 1/2 in x 1/4 in (13 mm x 6.35 mm) 5000 psi (345 bar, 34.5 MPa)
- **24M443**: 1/2 in x 3/8 in (13 mm x 9.53 mm) 5000 psi (345 bar, 34.5 MPa)
- **24M444**: 1/2 in x 1/2 in (13 mm) 5000 psi (345 bar, 34.5 MPa)

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

- **24G907**: 1/4 in x 3/8 in (6 mm x 10 mm) 5000 psi (345 bar, 34.5 MPa)
- **24G908**: 3/8 in x 3/8 in (10 mm) 5000 psi (345 bar, 34.5 MPa)
- **262727**: 1/2 in x 1/4 in (13 mm x 6.35 mm) 7250 psi (500 bar, 50 MPa)
- **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

<table>
<thead>
<tr>
<th>Hose</th>
<th>Diameter</th>
<th>Pressure Rating</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8 in, 50 ft hose</td>
<td>3/8 in</td>
<td>500 psi</td>
<td>100 ft</td>
</tr>
</tbody>
</table>

### 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

- **25E275**: T.2:1 drum pump
- **25E276**: Monark®:5.1 drum pump

#### Agitator Kit
- **24E284**: Twistork® with air connection to work with feed pump kits (reference manual 310863)

#### Solvent Flux Kit - Mouted 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 Hoppers
- For standard atmospheres. (Each kit includes 230V, 1500W immersion heater)

- **24M352**: Gravity feed hopper, agitator, stand kit, flexible inlet kit with ball valve
- **24M354**: Pump feed hopper, agitator, stand kit, (order feed pump kit separately)

### 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
- **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

#### Band Heaters - Not approved for explosive atmospheres
- **15F028**: Heater, drum, 1000 watts, 230V

### 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 (4000 bar, 40 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)
- **249927**: 25 pack, disposable, 1/2 in (12 mm), 12 element
- **262478**: Static mix housing, 1/2 in OD x 5 in (12 mm x 127 mm)
- **511352**: Static mixer, SST, 3/8 in x 9.5 in (9.35 mm x 241 mm)

#### Hoppers
- **24F376**: Blue for resin side (7-gal (26.5 l) hopper kits with bracket hardware to mount on an XP cart)
- **24F377**: Green for hardener side (7-gal (26.5 l) hopper kits with bracket hardware to mount on an XP cart)

#### 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

### Miscellaneous

- **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
- **262626**: Gun Splitter manifold (see p 9)
- **262784**: XP55 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

- **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
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.

Call today for product information or to request a demonstration.
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