

Discover the benefits of Graco's XP and XM line of sprayers when you switch from hand-mixing to a plural component machine.

#### Reduce waste and material costs

With the Graco XP and XM sprayers, you reduce 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.

#### Less clean-up saves time and money

Only the parts that come in contact with mixed material must be cleaned during the job. 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.



# Which XP is Right For You?

The XP line of sprayers is uniquely set-up to improve the way you spray and mix protective coatings materials.







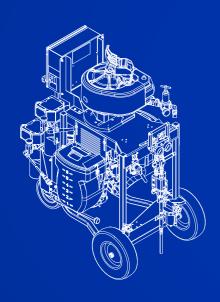


SERIES		ХР		ХР	-hf	XPs	-hf	XP-h (hydraulic)		
Model	XP35	XP50	XP70	XP50-hf	XP70-hf	XP50s-hf	XP70s-hf	XP50-h	XP70-h	
Motor Size (cc)	XL3400	XL6500	XL6500	XL10000	XL10000	XL10000	XL10000	Viscount II	Viscount II	
Max Fluid Pressure	3500 psi (241 bar)			5000 psi (345 bar)	7250 psi (500 bar)	5000 psi (345 bar)	7250 psi (500 bar)	5000 psi (345 bar)	7250 psi (500 bar)	
Flow Rate at 40 cpm (approximate)	2 gpm (7.6 lpm)	3 gpm (11.4 lpm)	2 gpm (7.6 lpm)	4 gpm (15.1 lpm)	3 gpm (11.4 lpm)	4 gpm (15.1 lpm)	3 gpm (11.4 lpm)	3 gpm (11.4 lpm)	2 gpm (7.6 lpm)	
Standard Mix Ratios (more ratios available upon request)	1:1, 2:1, 2.5:1, 3:1, 4:1	1:1, 1.5:1, 2:1, 2.5:1, 3:1, 4:1	1:1, 2:1, 3:1, 4:1	1:1, 2:1, 3:1, 4:1	1:1, 2:1, 2.5:1, 3:1, 4:1	1:1, 2:1, 2.5:1, 3:1, 4:1				
Demand/Duty Cycle		Medium		Н	gh	Hig	hest	High		
Manual*		3A0420		3A4	1381	346	5283	3A0420		

<sup>\*</sup> See Operation, Repair, Parts manual for technical specifications including air, hydraulic and electrical requirements for each system.



Whether you're spraying a high-solids polyurethane or a 100% solids epoxy,
Graco helps you get the job done with a complete line-up of XP Plural-Component
Sprayers. To learn more about our XP sprayers or to request a custom solution, visit graco.com/xp.



XP Sprayer



#### PressureTrak<sup>™</sup>

included with select models

• Provides ratio assurance

• Monitors A and B differential pressure

With proper training, operators are up and running quickly. The Graco XP runs right out of the box with fast set-up time.



Outlet manifold and valves

 Includes circulation back to the supply for pump priming, purging, or relieving outlet pressure

• Fluid pressure gauges to monitor pump output

• Provides automatic overpressure relief

• 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

## 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



#### XL Air Motor

• Simple maintenance

• Isolated poppet valves for reduced icing potential

Less pulsation

• Power distribution to each heat zone

Electrical Junction Box

 Two spare zones for flexibility

· Less hassle and faster setup time

#### Optional Electric Heated Hose Controller

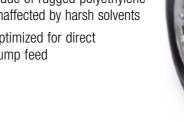
- Visual indicator of hose control temperature
- Standard option on select XP and XM units

### Viscon<sup>®</sup> HP Primary Heaters

- Reduces coating viscosity and improves spray pattern
- 4000W

#### Material hoppers

- Side-mounted 7-gal (26 liter) hoppers hold A and B components
- Made of rugged polyethylene unaffected by harsh solvents
- Optimized for direct pump feed



## Heating-Fluid Circulation Kit and Viscon HP Heater

- Efficiently heats Xtreme-Wrap water-heated hose and remote manifold (Heated Hose sold separately)
- Quick disconnects and brass fittings for water lines
- Durable with fast heat up times







#### Manual Shuttle **Override Button**

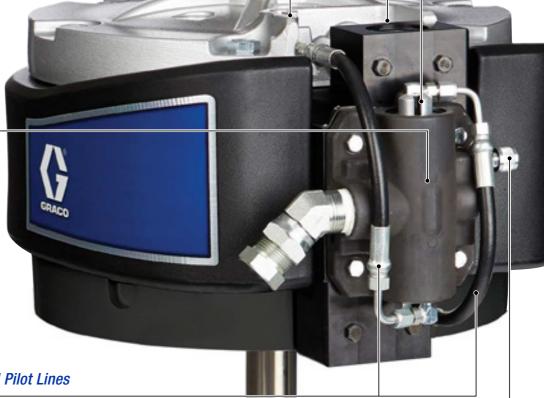
 Allows manual changeover of air motor if main valve experiences ice buildup

#### **Exposed Poppets**

• Easy access for service and troubleshooting

#### **Simplified** Valve Design

- Fewer components for easier service
- Little to no pulasation or pattern fluctuation
- Quiet operation



#### External Pilot Lines

- Isolates lines from cold valve body
- Eliminates non-restartable icing stalls

#### De-ice Bleed Air Control

• Maintains performance during heavy icing conditions

**W**ith the powerful XL 10000 air motor, get 60% more flow than standard XP Sprayers\*. This also gives your crew the ability to use larger tips or run multiple guns, getting jobs done faster.

\*Running at same cycle rate.



The Xtreme® metering pumps with quick knock-down makes it easy to service; built-in fluid filter and spring loaded lower ball checks for crisp changeover. The mechanically operated design makes it easier to understand.

#### **PressureTrak**

Monitors A and B differential pressure

• Provides ratio assurance

#### XL10000 Air Motor

 The high output, high efficiency 10000 cc air motor lets you use multiple guns with almost no perceivable pulsation

#### Material Hoppers

- 7 gal (26 L) hoppers hold A and B components until it's time to spray
- Optimized for direct pump feed



• Portable cart with tow handle fits through a standard 36 in doorway

Viscon HF Fluid Heaters improves spray pattern with more control. Viscon HF heaters (5400W) are three times less restrictive than Viscon HP with removable, cleanable aluminum core – making it ideal for high demand applications.

#### **Electrical Junction Box**

• Power distribution to each heat zone

• Two spare zones for flexibility

• Less hassle and faster setup time

## Optional Electric Heated Hose Controller G

- Visual indicator of hose control temperature
- Standard option on select XP and XM units

## Viscon HF Primary Heaters

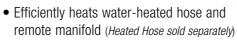
- Reduces coating viscosity and improves spray pattern
  - Three times more flow than Viscon HP to maximize production
    - 5400W

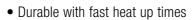
#### Merkur Solvent Flush Pump

 Quickly flushes mixed materials from hose and gun

- Quick disconnects and brass fittings for water lines











#### **Optional Electric** Heated Hose Controller

· Visual indicator of hose control temperature

• Standard option on select XP and XM units

#### 5:1 Monark® Feed Pump

- Tank length for convenience
- Feed lines with wye strainer
- Feeds high viscosity coatings

#### Xtreme-Duty Agitator

- Back-geared with widepaddled blades
- Mixes high viscosity coatings

#### 25 gal (95 L) SST-lined Heated Tank

- Conditions high viscosity coatings



- One electrical input for all heating components
  - Meets global electrical standards

#### Viscon HF Primary Heaters

• Reduces coating viscosity and improves spray pattern

AB

- Three times more flow than Viscon HP to maximize production
  - 5400W

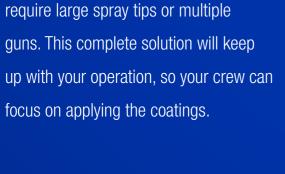
#### Optional Heating-Fluid Circulation Kit and Viscon HP Heater

- Efficiently heats Xtreme-Wrap water-heated hose and remote manifold (Heated Hose sold separately)
- Quick disconnects and brass fittings for water lines
  - Durable with fast heat up times

#### Xtreme® Pump Lowers

- Quick knock-down, easy to maintain
  - Two metering pumps instead of three on traditional designs
    - Fewer repair parts

- Double-walled construction
- 3000W heaters



High demand projects often

#### Viscount II Motor

- Ice free
- Energy efficient
- Smooth changeovers

#### 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 and heating



- Provides simple fluid control for mixing or flushing
- Accurately dispenses A and B fluids to the static mix tube
- Choose to use mix manifold remotely to reduce solvent and material waste

Viscon HP Primary Heaters

- Reduces coating viscosity and improves spray pattern
- 4000W





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. The Graco

**XP-h** is ideal when compressed air is limited or for

truck, palletized, trailer or flatbed systems that

have on-board hydraulic power. The **XP-h** is

available as a cart, stand or wall-mount

system.

- Portable for remote placement
- Quick-disconnect hydraulic connections (Sold separately)

Xtreme<sup>®</sup> Pump Lowers

- Quick knock-down
- Easy to maintain
- Two metering pumps instead of three on traditional designs





## The Benefits are:

- Better overall productivity projects finish on time
- Confidence in the quality of your work
- Reduced labor and rework costs



PressureTrak



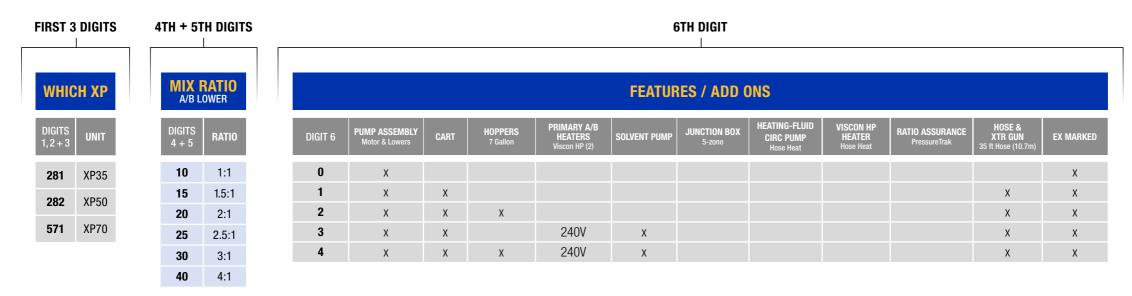
**Pressure Monitor Kit** 



## Ordering Information - Configurator

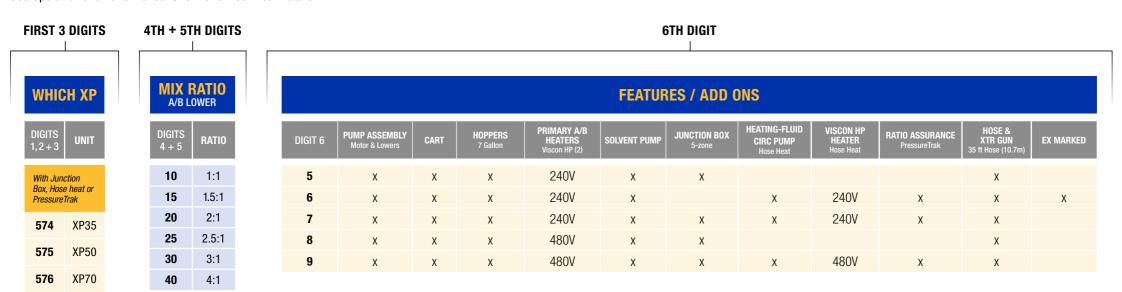
## **XP Cart Configurations using XL3400 or XL6500 Air Motor**

See Operation and Parts Manual 3A0420 for Technical Details.



## XP Cart Configurations using XL3400 or XL6500 Air Motor, with Junction Box

See Operation and Parts Manual 3A0420 for Technical Details.



## ► Ordering Information - Configurator \_

## **XP-hf Cart Configurations using XL10000 Air Motor**

See Operation and Parts Manual 3A4381 for Technical Details.

480V

**FIRST 3 DIGITS** 4TH + 5TH DIGITS **6TH DIGIT MIX RATIO** WHICH XP **FEATURES / ADD ONS** RATIO 0 10 1:1 573 XP50-hf 1.5:1 15 240V 20 2:1 240V Χ 240V 25 2.5:1 240V 240V **572** XP70-hf 240V 240V 3:1 480V 4:1

480V

#### XP-hf Cart Configurations with No Lower

572000 XP70-hf – no lowers, with cart, 35 ft 10.7m) fluid hose and XTR gun 573000 XP50-hf – no lowers, with cart, 35 ft 10.7m) fluid hose and XTR gun

## ► Ordering Information - Configurator \_\_\_\_\_

## XPs-hf Skid Configurations using XL10000 Air Motor See Operation and Parts Manual 3A6283 for Technical Details.

F	IRST 3	DIGITS	4TH	DIGIT						5TH DI	GIT					6TH DIGIT
WHICH XP  DIGITS 1,2+3  UNIT		MIX RATIO		MIX RATIO FEATURES / ADD ONS								HE	EATED HOSE			
1	DIGITS 1,2+3	UNIT	DIGIT 4	RATIO		DIGIT 5	PUMP ASSEMBLY Motor & Lowers	SKID	HOPPERS 25 Gallon sst lined Heated with XD agitator	PRIMARY A/B HEATERS Viscon HF (2)	SOLVENT PUMP	JUNCTION BOX 5-zone	HOSE & XTR GUN 35 ft Hose (10.7m)	APPROVED FOR HAZARDOUS LOCATIONS	DIGIT 6	HEATED HOSE OP- Tions
	577	70:1	1	1:1		0	Х	X	Х	240V Ordinary Loc.	х	240V Ordinary Loc.	х		1	Water Heated Hose (Includes Heater & Circulation Pump)
			2	2:1		1	Х	Х	Х	240V Hazardous Loc.	X	240V Hazardous Loc.	Х		2	None
			3	3:1		2	Х	Х	х	480V Ordinary Loc.	Х	480V Ordinary Loc.	Х		2	None
	578	50:1	4	4:1		3	Х	Х	Х	480V Hazardous Loc.	х	480V Hazardous Loc.	х		3	Electric Heated Hose

# ► Ordering Information - Configurator \_\_\_\_\_

## XP-h (hydraulic) Cart Configurations using Viscount II Hydraulic Motor See Operation and Parts Manual 3A0420 for Technical Details.

i	FIRST 3	B DIGITS	 4TH + 51	TH DIGITS	s _	6TH DIGIT										
	WHI	СН ХР	MIX RATIO			FEATURES / ADD ONS										
	DIGITS 1,2+3	UNIT	DIGITS 4 + 5	RATIO		DIGIT 6	MAX WORKING PRESSURE	PUMP ASSEMBLY Motor & Lowers	CART	HOPPERS 7 Gallon	PRIMARY A/B HEATERS Viscon HP (2)	SOLVENT PUMP	HOSE & XTR GUN 35 ft Hose (10.7m)	EX MARKED		
			10	1:1		4	5000 psi	Х	Х	X			Х			
			20	2:1		5	5000 psi	Х	X	Х	240V	Х	Х			
	284	XP-h	25	2.5:1												
			30	3:1		6	7250 psi	Х	X	Х			X			
			40	4:1		7	7250 psi	Х	Х	Х	240V	Х	Х			

Note: 24X011 gas/hydralic power pack available for these models.

# Which XM is Right For You?

The XM line of sprayers is uniquely set-up to improve the way you spray and mix protective coatings materials.

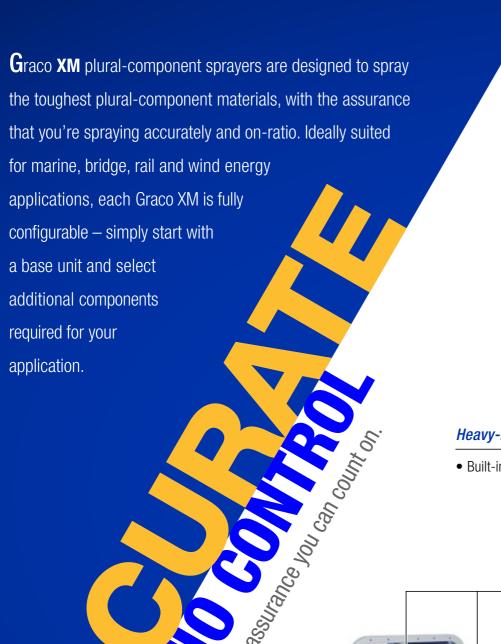




MODEL	XM50	XM70
Mix Ratio Range	1:1 to 10:1 (in 0.1 increments)	1:1 to 10:1 (in 0.1 increments)
Minimum Flow Rate	1 qt/min (0.95 lpm)*	1 qt/min (0.95 lpm)*
Maximum Flow Rate	3 gpm (11.4 lpm)*	3 gpm (11.4 lpm)*
Maximum Mixed Fluid Working Pressure	5200 psi (358 bar, 35.8 MPa)	6300 psi (434 bar, 43.4 MPa)
Maximum Pump Air Set Pressure	100 psi (7.0 bar, 0.7 MPa)	90 psi (6.2 bar, 0.62 MPa)

<sup>\*</sup> Actual flow rates vary by material type





#### Intuitive User Controls

- Adjustable ratio control, 1:1 to 10:1
- Provides real-time display of ratio for ultimate spraying control
  - USB drive for data reporting

## Heavy-Duty Carbon Steel Frame

• Built-in pallet rack for easy transport

#### XL Air Motors

- Simple maintenance
  - Reduced icing
  - Less pulsation



• Supports up to three fluid heaters (A, B and hose heat)



Rear mount

 Choose 10 gal (38 L) stainless steel or 25 gal (95 L) stainless steel lined tanks (heated)



#### Explosion-Proof Junction Box

- Conveniently houses switches and breakers for heaters
- Explosive atmosphere approval only on individual component
- Provides control and sight of Electric Heated Hose Controller without opening enclosure

#### Mix Manifold

- Provides precision mixing and accurate ratio control, even at high flow rates
- Choose standard or remote mount

# Provand ever Choo

## With Graco XM

plural-component sprayers, you have
the flexibility to select the essential equipment
on your system to complete your jobs accurately
and reliability. Whether your application requires a
basic machine or one that is fully loaded, Graco XM
sprayers provide the technology and performance you
need to get the job done faster and more efficiently than
ever before.



- Choose standard or model approved for explosive atmospheres
- Reduces coating viscosity and improves spray pattern
  - Viscon HP models, 4000W
- Viscon HF models, 5400W (three times more flow than Viscon HP)



Material mixing reaches a new
level of precision due to Graco's dosing
technology. With the Graco XM, the 'B' side
material is injected at high pressure into the
'A' side material. Advanced sensors allow pumps
to compensate for pressure fluctuations, resulting
in accurate, on-ratio mixing for better yield and less
waste. Choose standard, frame-mounted mix manifold
or remote mix manifold; both include a pressure gauge
that displays fluid output pressure.



**Standard Mix Manifold** 



**Remote Mix Manifold** 



# ► Hazardous Location - Configurator \_\_\_\_\_

Configure an XM plural component sprayer from this table when the application requires an official top-level approval for use in hazardous locations.

XM		1			N		0	0			
1st 2-Digits		3rd Digi	t		4th Di		5th Digit	6th Digit			
					Control Power	Viscon HP Fluid Heaters		Feed			
Model		Series	Remote Manifold		IS Alternator	Explosion Proof		System		Heated Hose	
				io Alternator		240V		Feed			
	1	50		N	X		0	None	0	None	
XM	3	70		E*	X	X	1	10 gal SST			
AIVI	5	50	X								
	7	70	Х								

<sup>\*</sup>Uses Explosion-Proof Viscon High Pressure (HP) Fluid Heaters



## ► Hazardous Location Components - Configurator \_\_\_\_\_

Configure an XM plural component sprayer from the table below for applications in hazardous locations. Designed with hazardous location approved components, these sprayers can be submitted for official top-level approval for use in hazardous locations by the asset owner at a later date.

ХМ		1		P							0	0		
1st 2-Digits		3rd Di	git				5th Digit	6th Digit						
			Domete		Control Power		con Heaters	Junction Box			Feed		Heated Hose	
Model		Series	Remote Manifold		IS Alternator	Explosi	on Proof	Explosion Proof			System			
					13 Alternator	240	480	240	240 480 Feed		Feed			
	1	50		P*	X	X				0	None	0	None	
XM	3	70		F*	Х		X			1	10 gal SST	W	Water Jacket	
XM	5	50	Х	J*	X	Х		Х		2	25 gal Htd. Tanks	E	Electric	
	7	70	Х	K*	Х		Х		Х					

<sup>\*</sup>Uses Explosion-Proof Viscon High Flow (HF) Fluid Heaters



# ► Non-Hazardous Location - Configurator \_\_\_\_\_

Configure an XM plural component sprayer from the table below for applications in a non-hazardous location.

XM		1					0	0						
1st 2-Digits		3rd Di	git					5th Digit	6th Digit					
			Domete		Control Power		con Heaters	Juncti	Junction Box		Feed		H1-4	
Model		Series	Remote Manifold		Wall Power	Ordinary	Location	Ordinary	Location		System		Heated Hose	
					wali rowei	240	480	240	480		Feed			
	1	50		L	X					0	None	0	None	
XM	3	70		М	Х	X		Х		1	10 gal SST	W	Water Jacket	
Aivi	5	50	Х	Н	Х		X		X	2	25 gal Htd. Tanks	Е	Electric	
	7	70	Х											



## XP and XM Options and Accessories



#### **SST Lined Heated Tanks**

- 25 gal (95 L) double-walled tank
- 3000W Immersion heaters
- Xtreme-Duty agitator
- 5:1 Monark feed pump
- Gravity or pressure feed
- Floor or caster mount



#### **Polyethylene Heated Hoppers**

- 20 gal (76 L) double-walled hopper
- Set up for gravity or pressure feed
- Accepts both agitator and feed pump
- Jacketed for heated water/glycol or oil
- Tank heat using immersion heaters or Viscon™ HP heated circulation



#### 7 gal (27 L) Plastic Hopper

- · Gravity feed with recirculation port
- Blue for resin, green for hardener
- Includes hardware to bolt onto XP cart

#### **10 gal** (38 L) **SST Hopper**

- Gravity feed with recirculation port
- Flat surfaces clean with ease



#### **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
- Prime valve can be used to supply flush solvent for tip cleaning, or flush a second hose and gun that have been removed from the tee in the mix line



#### **Xtreme-Duty® Drum Agitator**

- Designed specifically with protective coatings materials in mind
- Special blades are designed to keep high viscosity materials in suspension
- Better mixing and quality control of your high solids coatings



#### **Xtreme Pump Lowers**

- Change one or both lowers for desired mix ratio
- XP uses specific Xtreme pump lowers with spring-loaded inlet valves, 30 mesh filters, and no prime valves
- Overpressure rupture protection included on 36 cc, 48 cc, 54 cc, 58 cc and 72 cc sizes



#### **Viscon® Fluid Heaters**

- Reduces 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 (requires heater mounting kit 262450)
- Standard or hazardous atmosphere



#### **Graco Gun Splitter**

The Graco Gun Splitter lets you use two spray guns with one 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 machine, the Gun Splitter helps you become even more productive.



#### **Remote Mount Mix Manifold**

- Mix manifold on sprayer is removable and can be located closer to the spray gun to reduce the volume of mixed coatings and required flush solvent results in less wasted materials
- A and B hoses from the sprayer to the mix manifold don't need to be flushed and can be sized for less pressure loss over long distances
- Manifold is heated when using water/glycol heated hose



#### **Recirculation Kits**

- Recirculate material through heated hose back to hoppers with ease
- No need to disconnect hoses from manifold
- Adapts to all XP and XM systems





#### **Heated Hoses**

- If spraying short pot-life materials, it is recommended to place the mix manifold remotely and use heated hose to maintain material temperature a desired distance from the machine
- Removeable hook and loop scuff jacket easy to change hose diameters for different ratios

#### **Water Heated Hose**

- Four heavy-duty polyurethane water heating hoses light weight, flexible and unmatched heat transfer
- Transportation grade brass water tube fittings no leak design

#### **Electric Heated Hose**

- Designed for hazardous locations
- Available in 50 ft (15 m), 100 ft (30 m), 150 ft (45 m) and 200 ft (60 m) continuous lengths





## **GRACO HEADQUARTERS**

#### **WORLDWIDE HEADQUARTERS**

**Graco Inc.** 88-11th Avenue N.E. Minneapolis, MN 55413 Tel: 612-623-6000

## **Graco Has You Covered**

Facilities Worldwide for Global Support



### **Quality First**

At Graco we pride ourselves on providing best-in-class products. Engineered solutions are manufactured in our own facilities, with the highest standards in the industry. We provide you with world-class customer support and expertise to help solve your application challenges.



#### **Global Reach**

Graco has facilities across the globe to provide you with the products and service you need, where you live. Plus, Graco has dedicated field experts in all areas of the world to support the products we sell.



#### **Product Capabilities**

Graco has a broad range of products that are engineered and tested to perform in the harshest environments so you can be certain your equipment is protected and working at peak performance.

## Contact us today!

28