

XM Plural-Component Sprayers

High-Pressure Equipment for Protective Coatings



PROVEN QUALITY. LEADING TECHNOLOGY.

Graco® XM Series. Advanced. Accurate. Affordable.

Boost your productivity on demanding high-volume, plural-component jobs

Advanced technology and accurate ratio control

Graco XM Plural-Component Sprayers are designed to spray the toughest plural-component materials, with the assurance that you're spraying accurately and on-ratio. Ideally suited for marine, bridge, rail and wind energy applications, each Graco XM is fully configurable – simply start with a base unit and select additional components required for your application.

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

Material Hoppers

- Side or rear-mount
- Choose 20-gal or 7-gal (76 or 26 liter)
- 7-gal hopper (shown) is optimized for gravity feed

Mix Manifold

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

Fluid Return Lines

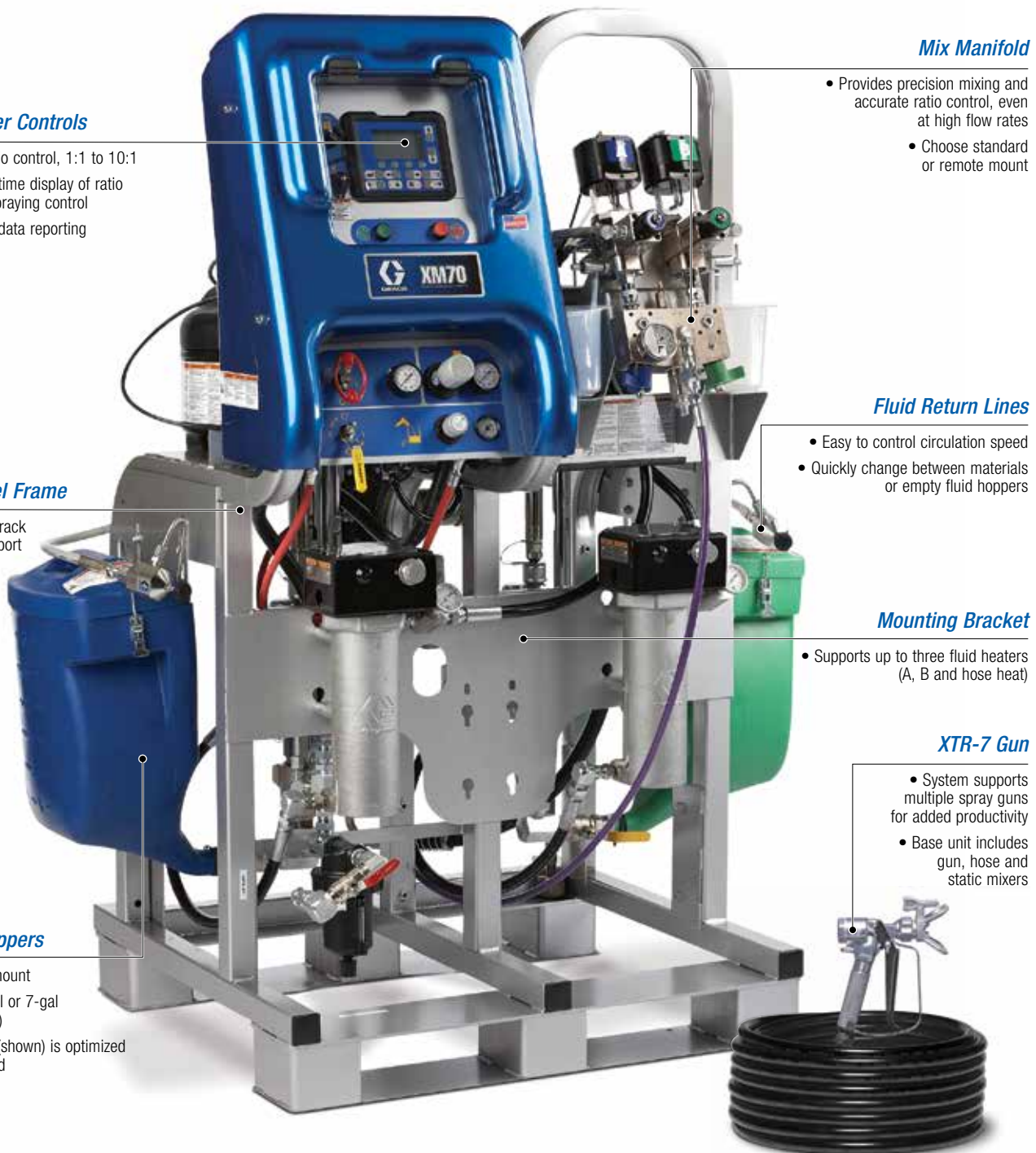
- Easy to control circulation speed
- Quickly change between materials or empty fluid hoppers

Mounting Bracket

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

XTR-7 Gun

- System supports multiple spray guns for added productivity
- Base unit includes gun, hose and static mixers



Graco XM Plural-Component Sprayer (base model with 7-gal hoppers)*

Build a System for Your Application

Fully configurable – simply select the accessories required for your material and application

More flexibility means more affordability

With Graco XM Plural-Component Sprayers, you have the flexibility to select the essential equipment on your system – no more, no less – to complete your jobs accurately and reliably. If your application does not require heaters, feed pumps or hoppers, this flexibility may provide you with a lower cost option. The components shown below are available as options on your configured unit. Some assembly is required.

Junction Box

- Conveniently houses switches and breakers for heaters
- Not approved for explosive atmospheres

Hose Rack Kit

Viscon® Fluid Heaters

- Choose standard or model approved for explosive atmospheres

Rear Mounted Hoppers



Transfer pumps

- Choose Graco T2 or Monark® 5:1

Twistork® Agitator

- Helps maintain proper material consistency

Hopper Heater

- Excellent for highly viscous materials
- Standard 240-volt, 1500 watt immersion heaters
- Use optional circulation kit (256273*) for explosive atmospheres

*Viscon fluid heater approved for use in explosive atmospheres must be ordered separately

Caster Kit

Graco XM Plural-Component Sprayer (base model with 20-gal hoppers plus options)**

Visit www.graco.com/xm

** Not approved for use in explosive atmospheres unless the base model, all accessories and wiring comply with national, state and local codes

Performance You Can Trust

Advanced technology that boosts your productivity

Packed with features

Whether your application requires a basic machine or one that is fully loaded, the Graco XM provides the technology and performance you need to get the job done faster and more efficiently than ever before.



Easy to use controls

The user interface on the Graco XM is intuitive and simple to use. It provides two display modes: “setup” for entering parameters and a basic “run” mode for everyday operation. The user interface monitors and tracks pressure, temperature and flow, and allows you to program maintenance schedules as well.

With a conveniently located USB port, you can easily access and download historical spraying data.

Precise mixing and ratio assurance

Material mixing reaches a new level of precision due to new dosing technology. With the Graco XM, the minor component (or side B material) is injected at high pressure into the major material (side A). Advanced sensors allow pumps to compensate for pressure fluctuations, resulting in accurate, on-ratio mixing for better yield and less waste.



Remote Mix Manifold

Choose standard, frame-mounted mix manifold or remote mix manifold; both include a pressure gauge that displays fluid output pressure.



Standard Mix Manifold

Technical Specifications & Configurable Options

Everything you need to make an informed decision

Technical Specifications

Dimensions

Base Unit (no hoppers)	39W x 70H x 38D in (99 x 178 x 97 cm)
Side mounted hoppers	99W x 70H x 38D in (252 x 178 x 97 cm)
Rear mounted hoppers	57W x 70H x 65D in (145 x 178 x 165 cm)

Mix ratio range 1:1 to 10:1 (in 0.1 increments)

Ratio tolerance range +/- 5%

Fluid filtration 60 mesh (238 micron standard)
(not included on some models)

Flow rates

Minimum	1 qt/min (0.95 lpm)*
Maximum	3 gpm (11.4 lpm)*

**Actual flow rates vary by material type*

Air inlet 3/4 npt (f)

Fluid inlets without feed kits 1-1/4 npt (m)

Max mixed fluid working pressure

50:1	5200 psi (358 bar, 35.8 MPa)
70:1	6300 psi (434 bar, 43.4 MPa)

Air supply pressure range 50-150 psi (3.5 to 10.3 bar, 0.35 to 1.0 MPa)

Max pump air set pressure

50:1	100 psi (7.0 bar, 0.7 MPa)
70:1	90 psi (6.2 bar, 0.62 MPa)

Max pump inlet fluid pressure 250 psi (17 bar, 1.7 MPa)

Max air consumption at 100 psi (0.7 MPa, 7.0 bar) 70 scfm/gpm (1.96 m³/min/lpm)

Ambient temperature range

Operating	32° to 130°F (0° to 54°C)
Storage	30° to 160°F (-1° to 71°C)

Weight

Base machine..... 742 lb (337 kg)
(No heaters, hoppers or junction box)

Fully configured 1550 lb (703 kg)
(Includes heated hoppers, feed pumps, heaters and junction box)

Sound pressure 86 dBA at 100 psi (7.0 bar, 0.7 MPa)

Fluid viscosity range 200-20,000 cps
(heavier viscosities can be sprayed using heat, recirculation and/or pressure feeding)

Wetted parts

Suction tubes..... Aluminum
Flush pump Stainless steel, aluminum, carbide,
UHMWPE and PTFE

Hoses..... Nylon
Pumps (A and B)..... Carbon steel, alloy steel, 303, 440, 17-ph grades
stainless steel, zinc and nickel plating, ductile iron,
tungsten carbide, and PTFE

Metering valves Carbon steel, nickel plating, carbide, polyethylene, leather

Manifold Carbon steel, nickel plating, carbide, 302 stainless steel,
PTFE, UHMWPE

Mixer Stainless steel housing with acetal elements

Spray gun..... Stainless steel, acetal, polyethylene, nylon,
polypropylene, carbide, polyurethane, solvent-resistant o-rings

Configurable options loaded with features

 <p>Hoppers 20-gal (76 l) hoppers are:</p> <ul style="list-style-type: none"> • Jacketed for heated water or oil • Made of rugged, double-wall polyethylene • Available in heated* or standard <p>7-gal (26 l) hoppers are:</p> <ul style="list-style-type: none"> • Excellent for high ratio applications 	 <p>Viscon Fluid Heater*</p> <ul style="list-style-type: none"> • 240 VAC, 4000 watts • Other voltage options sold separately 	 <p>Transfer Pumps*</p> <ul style="list-style-type: none"> • Feeds material to main pumps • Recommended for highly viscous materials • Easily mounts to 20-gal (76 l) hoppers or drums • Choose Graco T2 or Monark 5:1 transfer pump 	 <p>Twistork Agitators</p> <ul style="list-style-type: none"> • Helps maintain proper material consistency • Easily mounts on 20-gal (76 l) hoppers or drums • Approved for use in explosive atmospheres
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* Models approved for explosive atmospheres are available

Ordering Information

For genuine Graco products, see your nearest Graco distributor, or call 877-844-7226

BASE UNIT CHOICES

Select the number in front of your choice of system.

Note: All sprayers include 3/8 in x 25 ft (7.6 m), 1/4 in x 10 ft (3 m) whip, static mixers and XTR Spray Gun.

Base Unit: (Third Digit)	XM Model (hose/gun) (Mpa, bar)	Pump Filters	Remote Manifold	A Lower*	B Lower*
1	XM50	X		L250C4	L220C4
2	XM50			L250C3	L220C3
3	XM70	X		L180C4	L145C4
4	XM70			L180C3	L145C3
5	XM50	X	X	L250C4	L220C4
6	XM50		X	L250C3	L220C3
7	XM70	X	X	L180C4	L180C4
8	XM70		X	L180C3	L145C3

*For Lower, see Manual 311762

PART NUMBER

Use the charts on this page to find your part number.

Note: all possible configurations may not be available.

Model	Base Unit	Power/Heat	Supply
XM			

(First Two Digits) (Third Digit) (Fourth Digit) (Fifth & Sixth Digits)

POWER AND PRIMARY HEATER CHOICES

Select the letter for your choice of kit.

Power/Heat: (Fourth Digit)	Control Box	Fluid Heaters	Junction Box	Location Category	Approvals
A	Wall power supply			NE	CE, FM, FMc
B	Wall power supply	X	X	NE	CE, FM, FMc
C	Wall power supply	X		NE	CE, FM, FMc
D	IS/ Alternator			EH	CE, FM, FMc, Ex
E	IS/ Alternator	X		EH	CE, FM, FMc, Ex

NE = Not for use in European explosive atmosphere locations or hazardous locations
EH = For use in explosive atmospheres and hazardous locations

SUPPLY AND CONDITIONING CHOICES

Select the two-digit number in front of your choice of kit. *For no additional kit, use 00.*

Supply: Fifth & Sixth Digits	Hopper Kit (20 Gal)	Hopper Heater Kit* (240V)	Hopper Fluid Inlet Kit	Hopper Universal Mount Kit	Twistork Agitator Kit	T2 Pump Feed Kit* (on hopper)	5:1 Pump Feed Kit (in hopper)	7 Gal. Hopper and Bracket Kit (green)	7 Gal. Hopper and Bracket Kit (blue)	Drum Feed Kit * (Dual T2 and Agitator)	Drum Feed Kit (Dual 5:1 and Agitator)	Heated Hopper/ Hose Circulation Kit
00												
11	1		1	1	1			1				
13	1			1	1		1	1				
14*	1	1*	1	1	1			1				
15*	1	1*		1	1	1*		1				
16*	1	1*		1	1		1	1				
17	1		1	1	1			1				1
19	1			1	1		1	1				1
21	2		2	2	2							
23	2			2	2		2					
24*	2	2*	2	2	2							
25*	2	2*		2	2	2*						
26*	2	2*		2	2		2					
27	2		2	2	2							1
29	2			2	2		2					1
30*										2*		
31											2	
32								1	1			

*Indicates choices not approved for explosive atmospheres

Base Unit Includes:

- Frame
- Flush pump
- Dosing valves
- Mix manifold
- Controls
- USB port
- Xtreme Pumps
- Xtreme-Duty Hose
- Two static mixers
- XTR Gun
- Your choice of power supply
- Recirculation kit

Airless Guns

XTR-5 Airless Spray Gun - Maximum working pressure: 5000 psi (345 bar, 34.5 MPa)

XTR500	One inch round handle, four-finger trigger, no tip	XTR503	Oval-insulated handle, two-finger trigger, 519 XHD RAC tip
XTR501	One inch round handle, four-finger trigger, 519 flat tip	XTR504	One inch round handle, four-finger trigger, 519 XHD RAC tip
XTR502	Oval-insulated handle, four-finger trigger, 519 XHD RAC tip	XTR505	One inch round handle, two-finger trigger, 519 XHD RAC tip

XTR-7 Airless Spray Gun - Maximum working pressure: 7250 psi (500 bar, 50.0 MPa)

XTR700	Round handle, four-finger trigger, no tip	XTR703	Oval-insulated handle, two-finger trigger, 519 XHD RAC tip
XTR701	Round handle, four-finger trigger, 519 flat tip	XTR704	Round handle, four-finger trigger, 519 XHD RAC tip
XTR702	Oval-insulated handle, four-finger trigger, 519 XHD RAC tip	XTR705	Round handle, two-finger trigger, 519 XHD RAC tip

XHF Airless Spray Gun - Maximum working pressure: 7250 psi (500 bar, 50.0 MPa)

262854	High-flow, high-pressure gun, four-finger trigger, 429 XHD RAC tip
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Heated Hoses

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

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

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

248907	1/4 in x 3/8 in (6 mm x 10 mm) 5000 psi (345 bar, 34.5 MPa)	262728	1/2 in x 3/8 in (13 mm x 10 mm) 5000 psi (345 bar, 34.5 MPa)
248908	3/8 in x 3/8 in (10 mm) 5000 psi (345 bar, 34.5 MPa)	262730	1/2 in x 1/2 in (13 mm) 5000 psi (345 bar, 34.5 MPa)
262727	1/2 in x 1/4 in (13 mm x 5 mm) 5000 psi (345 bar, 34.5 MPa)	256876	Electric hose heat control kit. Includes XM mounting hardware

Accessories

Accessories Kits for XM50 and XM70

255963	20-gal (76 l) hopper (heat source not included)
256257	Hopper heater kit, 240 VAC
256273	Hopper/hose heat circulation kit (heater not included)
256259	20-gal (76 l) hopper mounting bracket kit
256170	Hopper fluid outlet kit
256980	Remote mix manifold conversion kit
256512	Desiccant kit (for 20-gal (76 l) hoppers)
262454	Desiccant kit (for 7-gal (26 l) hoppers)
256262	Caster kit
256263	Hose rack kit
256274	Twistork agitator kit
15F028	Band heater, drum, 1000 W, 230 VAC
256275	T2 2:1 feed pump kit
256276	Monark 5:1 feed pump kit
256232	Dual agitator & 2:1 drum feed pump kit
256255	Dual agitator & 5:1 drum feed pump kit
256260	7-gal (26 l) hopper installation kit, green
24N011	7-gal (26 l) hopper installation kit, blue
256653	Lower strainer and valve kit
256433	President™ 10:1 drum feed kit
256991	Alternator conversion kit
246477	Drum return tube/desiccant kit (requires fitting 159842)

Viscon HP Fluid Heaters - Compatible with Graco XM junction box Approved for explosive atmospheres

245848	Hazardous location, 120 VAC, 2300 W, 19.2 amps
245862	Hazardous location, 200 VAC, 4000 W, 20 amps
245863	Hazardous location, 240 VAC, 4000 W, 16.7 amps

246254	Hazardous location, 380 VAC, 4000 W, 10.5 amps
245864	Hazardous location, 480 VAC, 4000 W, 8.3 amps

Viscon HP Fluid Heaters - Compatible with Graco XM junction box Not approved for explosive atmospheres

245867	Non-hazardous location, 120 VAC, 2300 W, 19.2 amps
245868	Non-hazardous location, 200 VAC, 4000 W, 20.0 amps
245869	Non-hazardous location, 240 VAC, 4000 W, 16.7 amps
246276	Non-hazardous location, 380 VAC, 4000 W, 10.5 amps
245870	Non-hazardous location, 480 VAC, 4000 W, 8.3 amps

Pump Lower Filter Screens

2-Pack	25-Pack	Description
224458	238436	30 mesh (595 micron), 145cc, 180cc, 220cc, 250cc, 290cc
224459	238438	60 mesh (290 micron), 145cc, 180cc, 220cc, 250cc, 290cc
224468	238440	100 mesh (149 micron), 145cc, 180cc, 220cc, 250cc, 290cc

Other Accessories

511352	Static mixer, 3/8 npt SST pipe, 12 SST element, 7250 psi
262478	Static mixer housing, 3/8 npt SST, 7250 psi. Uses plastic element below
246078	Scuff guard, 50 ft (15.2 m) braided polyethylene mesh
246456	Scuff guard, 50 ft (15.2 m) polyethylene bag
248927	Element mixer kit, plastic 12 element sticks, 25 pack
206995	Graco throat seal liquid (TSL), 1 qt (0.9 l)
206996	Graco throat seal liquid (TSL), 1 gal (3.8 l)
16T138	Scuff, Xtreme Wrap, removeable
262826	Gun splitter
24P834	Gun swivel, high-flow, 3/8 npsm x 1/2 in (F) for XHF gun



ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

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

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology 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.

GRACO LOCATIONS

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