

XM Plural-Component Sprayers

High-Pressure Equipment for Protective Coatings



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Packaging - Processing

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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 (shown below) and select additional components required for your application.

Intuitive User Controls

- 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

Mix Manifold

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

Mounting Bracket

- Supports up to three fluid heaters

XTR-7 Gun

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

Rear View of Base Unit



Xtreme pumps and Merkur™ flush pump are standard on the base unit. Easy crane transport using eye hooks on air motors.



Graco XM Plural-Component Sprayer (base model)*

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

Material Hoppers

- Side or rear-mount
- Choose 20-gal or 7-gal (76 or 26 liter)

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 plus options)**

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.



Advanced 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) 75 scfm/gpm (0.56 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..... 1160 lb (526 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