



# Oil & Natural Gas Industry

Material and Equipment for the maintenance and support of this unique industry



**SHERWIN  
WILLIAMS.**

# ► Surface Preparation Equipment for Oil & Natural Gas

## ATEX-Approved Wet Blaster

The EcoQuip 2 line of blast equipment, which uses different abrasives mixed with water to clean and prepare surfaces, is often used in potentially explosive atmospheres. Testing conducted by a third-party agency shows that Graco's EcoQuip 2 Vapor Abrasive blasting equipment can be used in potentially hazardous areas involving explosive atmospheres caused by gases and vapors of the Subgroup IIA.

### Skid

#### EcoQuip 2 EQs

All EcoQuip 2 Vapor Abrasive blast equipment is engineered with the kind of features that will make your work day more efficient and productive. Reduced media usage and the addition of water means less dust, making it possible for other trades to work in the same vicinity.

- Quickly adjust blast pressure and media flow
- Maximum blast pressure up to 175 psi (10.3 bar) allows the operator to achieve fast removal rates
- Simple, user friendly MediaTrak screen helps you set media flow to optimal levels



### Skid - Dual Line

#### EcoQuip 2 EQs Dual Line

Graco's EcoQuip EQs Dual Line features two outlets and a large pressure pot capable of blasting up to four hours with two blasters at once. Add the 120 gallon water tank to the skid for job sites without a pressurized water source and get up and running quickly with this high production machine.

- Accessible forklift pockets and lifting hooks for ease of transportation around a jobsite
- Large, single control panel with a simple, intuitive design that allows for easy control
- One 12 cubic ft (340 L) blast pot - holds approximately (30) 55 lb bags of media




# ► Materials and Equipment for Off-Shore Platforms

## Improve Safety in Hazardous Locations

Due to the corrosive marine environments offshore platforms are exposed to, it is critical to provide constant preventative maintenance to the atmospheric and splash zones to ensure prolonged and safe operation. Sherwin-Williams protective coatings along with Graco's airless sprayers help keep your operation up and running and prevent costly downtime.




SINGLE LEG




**Corothane I - GalvaPac Zinc Primer**

- Low temperature application - down to 20°F
- Abrasion resistant
- Usable for immersion service with recommended topcoat
- Resistant to mudcracking
- Chemical resistant
- Meets Class B requirements for Slip Coefficient and Creep Resistance, .54




**Sher-Loxane 800**

- Provides long-term protection and improved durability for the most aggressive and highly corrosive environments
- Reduces total operational costs compared to conventional three-coat and two-coat systems for a better bottom line
- Delivers a high-gloss final finish when applied over most primers or prepared steel




**Dura-Plate 301K**

- High-solids epoxies with surface and moisture tolerance formulated for application over marginally prepared surfaces
- Dura-Plate® 301K Moisture-Tolerant Epoxy is recommended whenever valuable assets are exposed to harsh environments and challenging application conditions are present




**Nova-Plate 360**

- A high performance, PTFE, inert flake-reinforced novolac tank lining
- Return to service times in as little as 24 hours
- Provides excellent protection for use on decks, splash zones and tank linings
- Excellent abrasion resistance



**e-Xtreme®**

Graco's e-Xtreme, the world's first electric airless sprayer approved for hazardous locations . ATEX, IECEx, and Class 1, Div. 1 approvals.



**King®**

This dependable, durable and rugged airless protective coatings sprayer is easy to maintain and will get the job done quickly and efficiently.

# ► Materials and Equipment for Pipelines

## Consistently Spray Accurately and On-Ratio

Once a pipeline has been given a good surface profile, it's important to ensure the coatings being sprayed are on-ratio and curing properly to prevent coatings failure and a weak point in the pipeline. With Sherwin-Williams materials and Graco's airless sprayers you can easily spray high solids coatings while improving your operation's throughput and reducing rework.

SINGLE LEG



**Sher-Loxane 800**

- Provides long-term protection and improved durability for the most aggressive and highly corrosive environments
- Reduces total operational costs compared to conventional three-coat and two-coat systems for a better bottom line
- Delivers a high-gloss final finish when applied over most primers or prepared steel

**Macropoxy 646**

- A high solids, less than 100 g/L VOC, high build, fast drying, polyamide epoxy
- Designed to protect steel and concrete in industrial exposures
- The high solids content ensures adequate protection of sharp edges, corners, and welds
- Chemical and abrasion resistant
- Low odor

**Dura-Plate 235**


- Self-priming
- Low temperature application
- Surface tolerant - damp surfaces
- Provides salt water and fresh water immersion resistance
- Cures at temperatures as low as 0°F



**King®**


This dependable, durable and rugged airless protective coatings sprayer is easy to maintain and will get the job done quickly and efficiently.

PLURAL COMPONENT




**Pipeclad 5000**

- Delivers long term corrosion resistance and temperature resistance up to 203°F (95°C)
- Excellent cathodic disbondment resistance in ambient and elevated temperature service
- High impact and abrasion resistance
- Fast dry to bury / return to service
- Excellent adhesion over prepared steel and FBE (fusion bonded epoxy) coated pipe
- High build application: Up to 60 mils WFT in one coat



**XP**

Get your crew up and running quickly with this easy-to-operate pump. Engineered to proportion with two pumps instead of three, the Graco XP reduces your cost of ownership with fewer components.



**XPs-hf**

With the higher pressure ratings and the ability to move the mixing point to a remote manifold, the system can handle highly viscous materials through long hose lengths, while still maintaining consistent flows and pressures.

# ► Materials and Equipment for Storage Tanks

## Speed Up Your Operation

When doing field maintenance of storage tanks, time is of the essence as is accuracy. Not only does the tank need to be put back in service quickly, but contamination of the coating while it is curing can be problematic. Select one of these Sherwin-Williams coatings with a Graco sprayer to get up and running quickly.

### SINGLE LEG



#### Corothane I - GalvaPac Zinc Primer

- Low temperature application - down to 20°F
- Abrasion resistant
- Usable for immersion service with recommended topcoat
- Resistant to mudcracking
- Chemical resistant
- Meets Class B requirements for Slip Coefficient and Creep Resistance, .54



#### Sher-Loxane 800

- Provides long-term protection and improved durability for the most aggressive and highly corrosive environments
- Reduces total operational costs compared to conventional three-coat and two-coat systems for a better bottom line
- Delivers a high-gloss final finish when applied over most primers or prepared steel



#### Nova-Plate UHS

- An ultra high solids epoxy novolac amine
- The high build, edge retentive properties of Nova-Plate UHS Topcoat provide superior protection compared to conventional epoxies
- Low VOC
- Low odor
- High flash point, >200°



#### Nova-Plate 360

- A high performance, PTFE, inert flake-reinforced novolac tank lining
- Return to service times in as little as 24 hours
- Meets the requirements of the API 652 guideline as a thick film reinforced lining, in immersion service temperatures up to 275°F (135°C)
- Excellent abrasion resistance



#### Dura-Plate UHS

- One coat protection
- Low VOC
- Low odor
- High flash point, >200°F
- Can be used with 1.5 oz. fiberglass mat
- Low Temp Hardener available for applications from 40°F (min) to 77°F (max)
- NSF approved to Standard 61 for potable water (tanks of 1000 gal or greater and pipes of 40" diameter or greater)



#### eXtreme®

Graco's e-Xtreme, the world's first electric airless sprayer approved for hazardous locations . ATEX, IECEx, and Class 1, Div. 1 approvals.



#### King®

This dependable, durable and rugged airless protective coatings sprayer is easy to maintain and will get the job done quickly and efficiently.

### PLURAL COMPONENT



#### Fast Clad 105ER

- One coat protection up to 50 mils (1250 microns) max
- Extremely rapid return to service Low odor
- Dry to walk-on within three hours
- Low Temperature application and cure capabilities to 35°F/1.7°C



#### Fast Clad ER

- One coat protection (up to 60 mils dft)
- Fast return to service
- Dry to walk-on in four hours
- Low temperature application and cure capabilities to 35°F/1.7°C
- Greater than 70% edge retention



#### XP-hf

Mixing happens right before the material is sprayed allowing the sprayer to focus on spraying the coating evenly and with adequate thickness while the equipment handles the mixing.



#### XM

The XM Sprayer provides precise ratio control, allows users to download historical spraying data, and handles a wide range of two-component materials.

# ► Materials and Equipment for Refineries

## Long-Lasting, Maintenance-Free Sprayers

Protection of pipes, tanks, pumps, columns and equipment in contact with harsh chemicals, the atmosphere, water and other materials is important in preventing corrosion. Having the right materials paired with the proper airless sprayers, that are easy to use and withstand the elements, are critical to keeping a refinery up and running.

SINGLE LEG



**Sher-Loxane 800**

- Provides long-term protection and improved durability for the most aggressive and highly corrosive environments
- Reduces total operational costs compared to conventional three-coat and two-coat systems for a better bottom line
- Delivers a high-gloss final finish when applied over most primers or prepared steel



**Dura-Plate 301K**

- High-solids epoxies with surface and moisture tolerance formulated for application over marginally prepared surfaces
- Dura-Plate® 301K Moisture-Tolerant Epoxy is recommended whenever valuable assets are exposed to harsh environments and challenging application conditions are present



**Nova-Plate UHS**

- An ultra high solids epoxy novolac amine
- The high build, edge retentive properties of Nova-Plate UHS Topcoat provide superior protection compared to conventional epoxies
- Low VOC
- Low odor
- High flash point, >200°



**Macropoxy 267**

- A high solids epoxy intermediate coating featuring a high load of micaceous iron oxide (MIO)
- Exhibits excellent barrier protection over zinc
- The high load flake protects sharp edges, corners, and welds ensuring edge retention



**Heat-Flex Hi-Temp 1200**

HEAT-FLEX® HI-TEMP 1200 is the next generation single component inert multipolymeric matrix coating that outperforms alternatives in combating corrosion under insulation (CUI) and in high heat applications.



**King®**

This dependable, durable and rugged airless protective coatings sprayer is easy to maintain and will get the job done quickly and efficiently.

EPOXY INTUMESCENT



**Firetex M90/02**

FIRETEX M90/02 provides up to four hours of fire protection, while providing a corrosion resistant protective coating for the design life of the asset. With low spray applied density, reduced film build requirements and high performance properties, FIRETEXT M90/02 is highly recommended for both onshore and offshore structures.



**Firetex M90/03**

FIRETEX M90/03 Epoxy Intumescent Coating provides durable corrosion and fire protection up to four hours according to UL 1709, Revision 5. With low thickness requirement and best-in-class application characteristics, high quality projects are completed quickly, saving time and money. FIRETEX M90/03 requires low to no maintenance requirements for the design life of the asset!



**Xtreme XL PFP**

Get in and get smaller jobs done fast. Ideal for spraying hot-potted PFP epoxies, the Xtreme PFP Sprayer is easy to clean with its quick knock-down, double-ball pump.



**XM PFP**

Protect and maintain steel structures with Graco's XM PFP (passive fire protection) sprayer. This one machine handles all epoxy fireproofing coatings without changing the pumps on the unit.

# ► Custom Solutions for Your Next Job

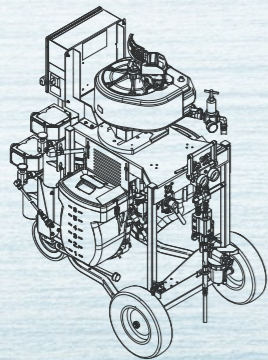
## Engineered Solutions That Meet Your Unique Demands

Whether you have a new coating to spray that requires a custom configuration or need a specific set up for your next job site, Graco has you covered. Our team of engineers are ready to help you find the right solution for your next project so you can get the job done on time and without complications.

### Cart Design

#### Mobile

A mobile cart gives you the power and adaptability to handle most medium to large scale jobs with ease. If you have a special need for this type of mobile design, let our engineers help you with the right custom solution.

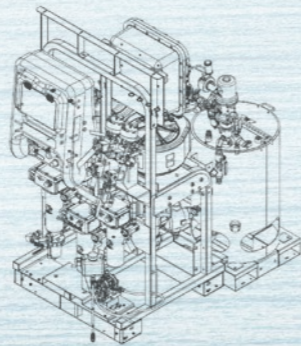


CUSTOM SOLUTION

### Skid Design

#### Stationary

A skid solution gives you everything you need to handle large scale jobs with ease. No matter how specialized the solution, Graco has the capabilities to meet your needs.



CUSTOM SOLUTION

For more information or to request a quote, visit [graco.com/customquote](http://graco.com/customquote)



## GRACO HEADQUARTERS

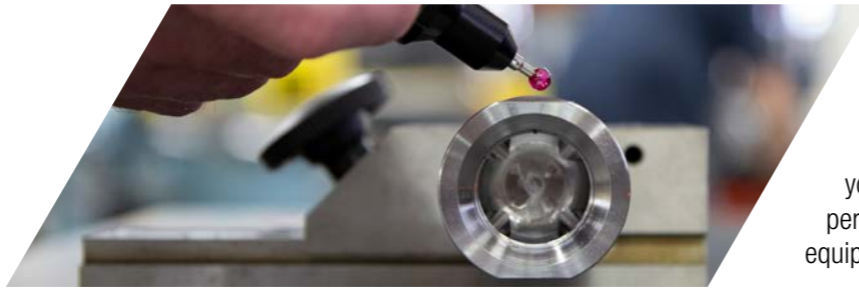
### WORLDWIDE HEADQUARTERS

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



# Graco Has You Covered

### Facilities Worldwide for Global Support



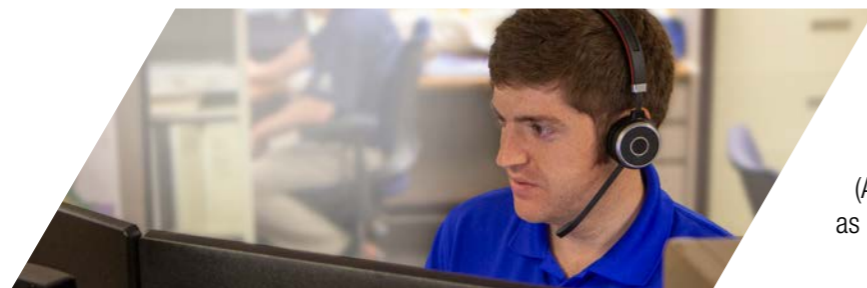
### Commitment to Quality Since 1926

When you choose Graco, you're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability. Our goal is to exceed your quality expectations for equipment longevity, reliability and performance every day.



### Local Distribution and Support

Graco partners with authorized distributors across the globe to provide you with local sales and service support, application expertise and availability of inventory. Graco's has dedicated field experts in all areas of the world to support the products we sell so you can be assured of getting the answers you need when you need them.



### Customer Service You Can Count On

No matter where your team is in the world, we strive to provide the best customer service in the industry. We call it Graco's A+ Service. Graco's A+ Service philosophy is our promise to only deliver top-shelf (A+) service to every customer, every time. We'll listen to the situation and work to resolve it as quickly as we can.

**Contact us today!**

Call **866-361-5959** to talk with a Graco representative, or visit [www.graco.com](http://www.graco.com) for more information.