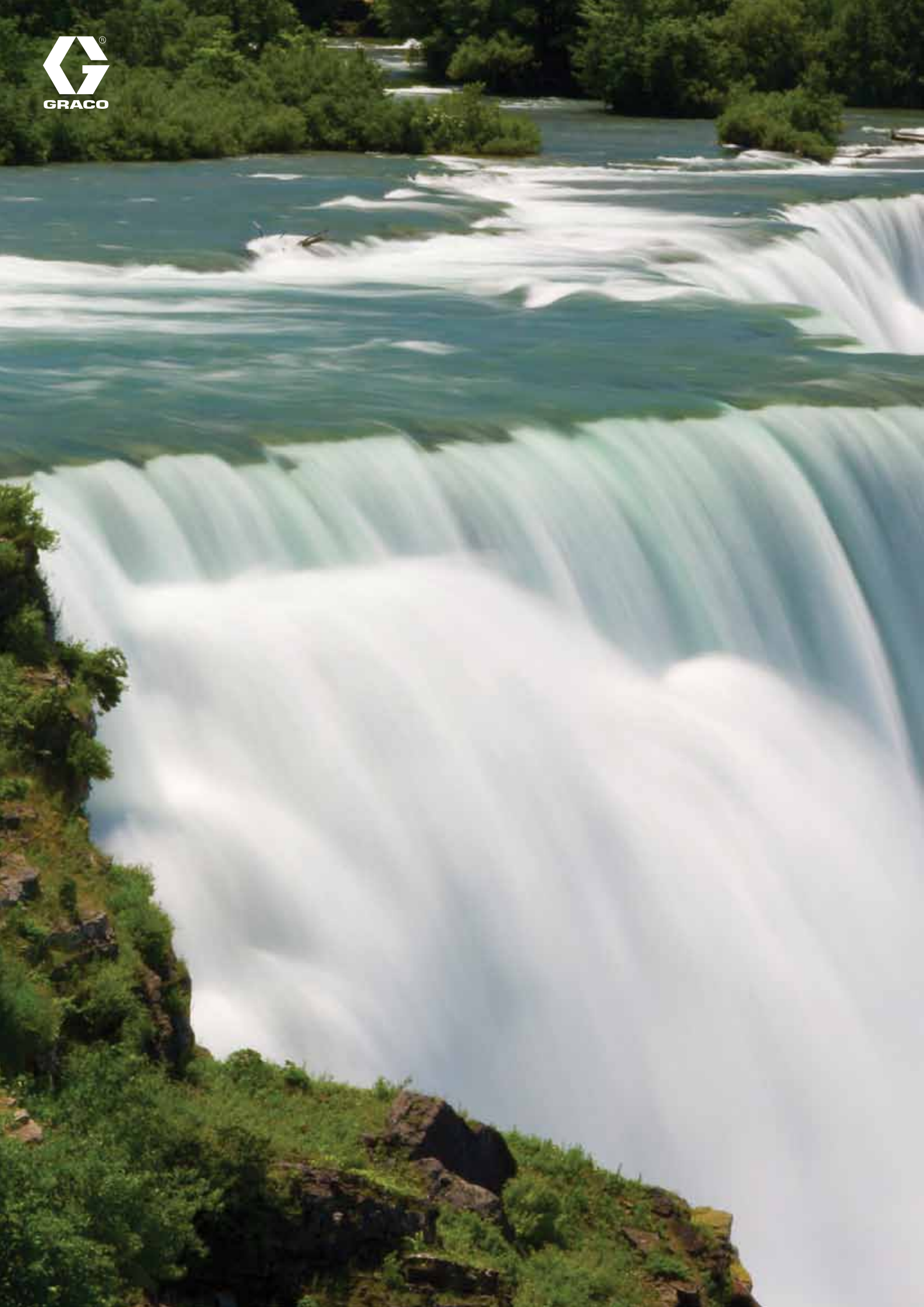


Solutions for Fluid Management



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Solutions for Fluid Management

FLUIDS are essential in life, 70% of the earth consists of fluids and most of the human body consists of water, so these must be handled with care. However, fluids are not just limited to water. These can also contain particles, sometimes in the form of a juice, sometimes slick or pasty, but these are still referred to as fluids and must be managed with precaution. Certain elements contained in fluids react differently to heat, cold or pressure. Graco's expertise & technology helps you handle these fluids and enables you to carry out your projects successfully giving you a satisfying sense of achievement.

Move

Nature provides us with water from the mountains and from rain clouds carried by the wind from afar. If you need to lift fluid against gravity or to place drops in exactly the right spot, then select Graco equipment. We can handle pressures from 0.1 to 500 bar to get the fluid just where you need it.

Measure

Do you need to know what pressure a pump applies to a liquid? Or how many liters have been pumped within a defined period? Visible checks on gauge meters or online connections assure that you do not miss out and that you receive reports when needed, saving cost for your company.

Control

"Nature controls itself" is a phrase you may hear often, however swimming pools need to be waterproofed and houses well insulated to control heating costs. In industrial environments, you may need temperature control devices, leak detectors and direct computer connections, so that you can control the maintenance of your production lines.

Stay in control with Graco.

Dispense

A bit of rain on a Monday morning or a heavy storm at night. Whether you dispense 0.02 cc in one shot at a rate of 60 shots a minute, or pump 90 liters in a minute, it does not matter: it has to be precise. Liquids can be expensive, so don't waste any by using Graco dispensers.

Apply

Enjoy a chocolate ice cream on a summer day, cruise in your cabriolet on a mountain road, read a newspaper at breakfast, or read a book at night. Don't worry about how the chocolate got into the ice cream cone, how your cabriolet was painted, how the text was printed on your newspaper, or how the pages in the book are bound together. Just enjoy life: we have the applicators for the job.



Merkur™
Pneumatic spray units



Ultra® Max II 795 Platinum



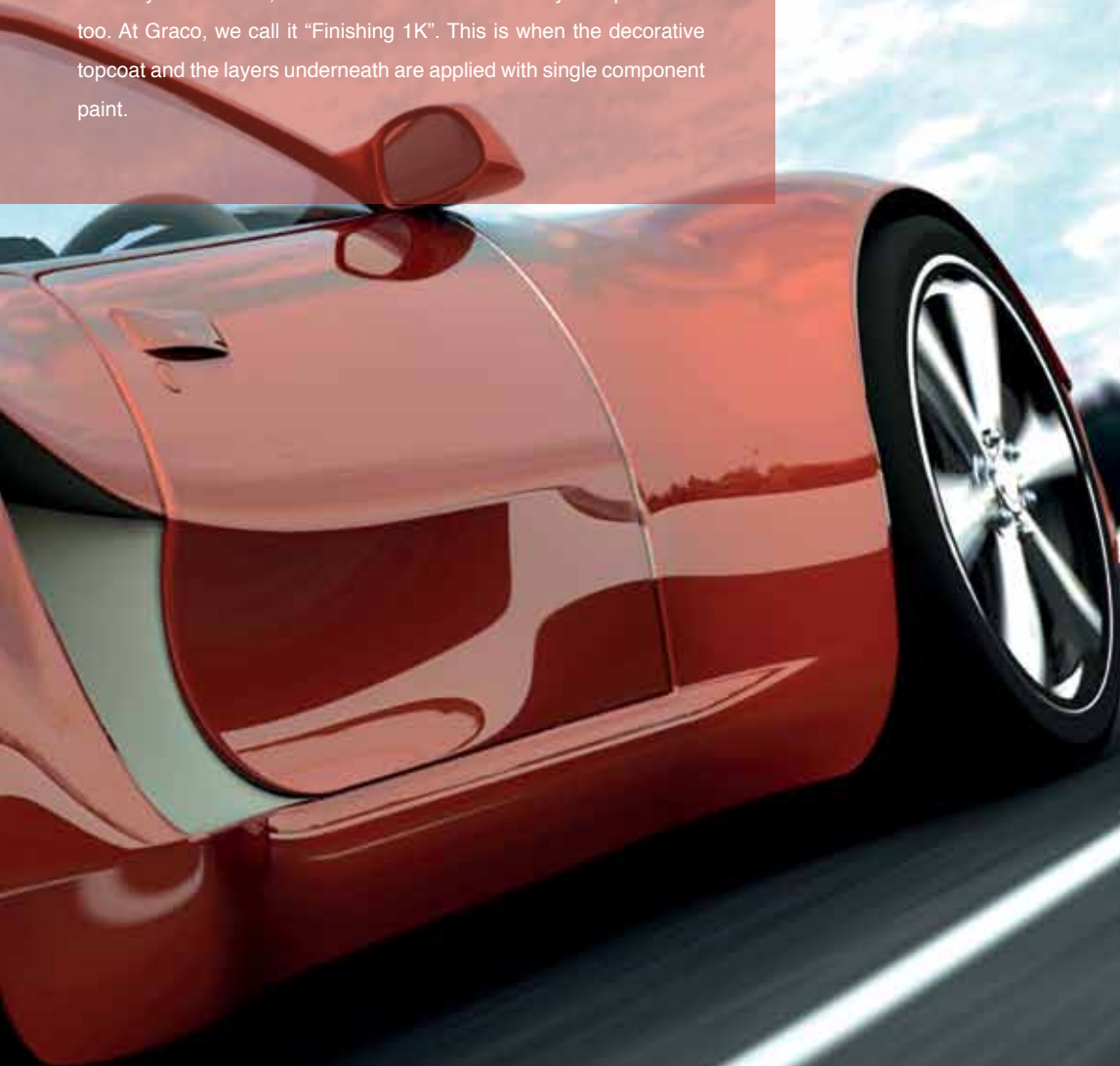
Triton™
Spray package



Paint spraying

Finishing single component

A decorative film of paint or lacquer is often the finishing touch. It makes your furniture, car or boat colourful and shiny and protects it too. At Graco, we call it "Finishing 1K". This is when the decorative topcoat and the layers underneath are applied with single component paint.



Most common materials:

Paints & lacquers, solvent-based, waterborne or UV curing.



ProMix™
Plural component proportioning system



Pro Xs™
Electrostatic spray guns



ProBatch™
Plural component batching system



Paint spraying

Finishing multi component

For a resistant topcoat or a quick fluid curing time, apply a finish with plural component paint. Imagine that you start talking about “dosing frequencies”, “curing times” and “application windows”. It might seem complicated, but it is the result that counts. Graco has the solution and we work with it every day.



Most common materials:

Paints & lacquers, solvent-based, waterborne or UV curing.



Xtreme™ NXT™
Piston pump series



XTR™ 5
Airless spray gun



Hydra-Clean™
High pressure cleaning unit



Protective coating

Coating applications single component

Crossing a bridge or passing a giant skyscraper, not only should these constructions look good, you also expect the steel parts to be protected from harsh weather such as sun, rain or storms. Protective coatings applied with Graco's NXT Xtreme™ pump range will keep you crossing that bridge.



Most common materials:
Coatings, epoxy or urethane based.



XM™
Plural component proportioner



XTR™ 7
Airless spray gun



XP70™
Plural component proportioner



Protective coating

Coating applications multi component

Are you even more exposed to the elements, such as in offshore or fire situations? Apply fast-curing protective coatings with Graco plural component proportioners. ATEX approved equipment enables you to work in hazardous locations.



Most common materials:
Coatings, epoxy or urethane based.



Reactor™
Multi component proportioner



Fusion™ MP
Mechanical purge mix gun



Fast-set coating

Special Coating applications

Imagine parking your car in a garage and the water drips through the concrete roof. You probably wish the construction company had used the same equipment as to waterproof your swimming pool, pond or garden fountain. "Fast-set" describes the coatings applied that react within seconds after mixing in the gun. Graco's Reactor™ proportioners help you keep your head above the water.



Most common materials:
Polyurea, polyurethane or hybrid-based coatings.



Reactor™ HXP2
Plural component proportioner



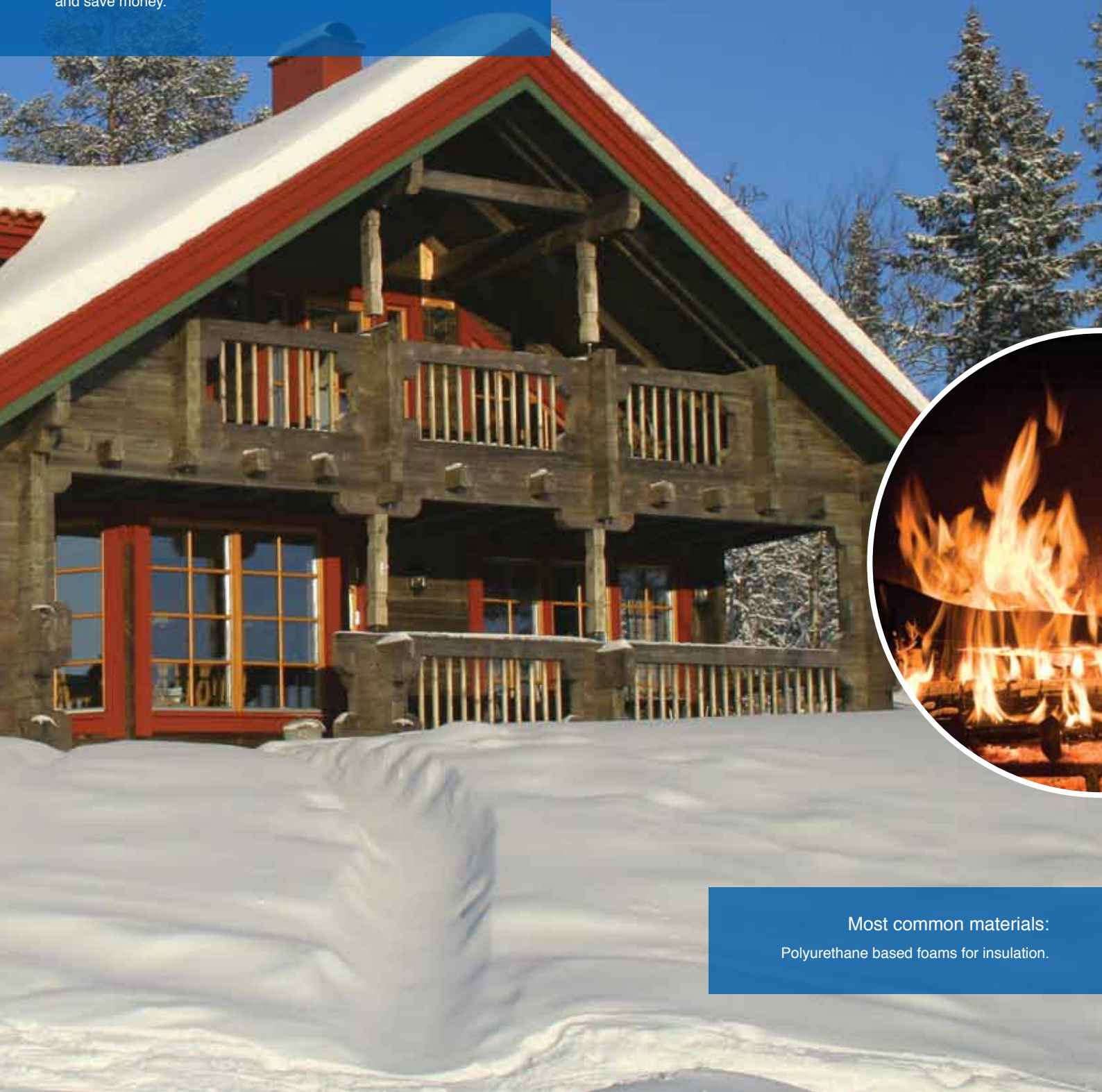
Fusion™ AP
Air purge mix gun



Fast-set foam

Foam applications

Keeping cool in summer and keeping warm in winter is an on-going challenge. The application of foam insulation helps reduce heating and cooling costs throughout the seasons. Enjoy an open fire in the winter and reduce air-conditioning in summer, feel comfortable and save money.



Most common materials:
Polyurethane based foams for insulation.



HFR™ unit
Foam processing equipment



EP™
Pour gun



Fast-set in-plant Foam applications

Have you ever wondered how your garage door remains sturdy, why the dashboard of your car feels so soft, or how blades of windmills are so long? Rigid foam applications make lightweight construction possible and still feel soft to the touch. Graco's in-plant foam proportions help you save weight and money.



Most common materials:
Rigid and flexible polyurethane based foams.



Check-Mate™
High viscosity piston pumps



Therm-O-Flow™ 200
Supply systems



Follower plate



Sealants & adhesives

Single component

A child plays with glue and paper to create a papier-mâché space rocket for his dad. No problem if he spills the glue, it's just wiped up. In a production situation however, you want the sealants and glues exactly where you need them. We call it "precision dosing", not a milligram too little or too much.



Most common materials:

Sealants & adhesives, glues, acrylates and epoxies.



PR70™
Meter, mix & dispense system



Posidot™
Precision dosing system



VPM™
Hydraulic variable metering system



Sealants & adhesives

Multi component

A little more complex than a child's glue & paper project. No more welding of steel plates, but bonding of lightweight composite material. Graco equipment is used in branches such as the automotive industry and alternative energy.



Most common materials:

Sealant & adhesives, glues, acrylates and epoxies.



RS™
Chop and Gel coat guns



RS™
Chop and Gel coat guns



Fiber reinforced plastics Composites

"Gone Fishing" says the sign. Of course, after a week of hard work, you want to relax in a jacuzzi or sail away on a luxury yacht. These are made with Graco's Fiber Reinforced Plastics equipment. Forget everything and enjoy the moment.



Most common materials:
Polyester paints and gel coats.



Husky™ 205
Air operated double diaphragm pump



Husky™ 1050
Air operated double diaphragm pump



Twistork™
Helix drum mixer

Process industry

The wonderful smell of perfume, or just the soda in your glass; you enjoy these everyday without thinking how they got there. Thousands of liquids are transported every day from water to ink and from milk to petrol. Graco's double diaphragm pumps are always part of your process.



Most common materials:

Any liquids such as water, milk, oil, paint, petrol.



Husky™ 3150 3A
Air operated double diaphragm pump



Bin unloader system



SaniForce™ Drum unloader

Process sanitary

A nice dinner with just the right olive oil on the salad, butter sauce on the fish, a good glass of wine and, finally, the chocolate on the cake. Graco's FDA or 3A classified pumps are used for all sanitary applications.



Most common materials:

Sauces, juices, chocolate, ice cream, milk, cheese, butter, ketchup, syrups.



Electric dispense meter



Drum package on cart



LD, SD & XD Series™
hose reels



Lubrication Vehicle Service

Pumping, measuring or controlling oil, grease, antifreeze or Ad Blue.
Dispensing from tank to barrel directly to your vehicle or an industrial line - secure your reliability and efficiency with Graco's lubrication equipment.



Most common materials:

Petrol, diesel, antifreeze

*AdBlue®, oil and grease



FireBall™
Piston pump series



G3 Electric pump



Divider valve



Lubrication Industry

From pumping crude oil on rigs, lubricating heavy-duty equipment in mines, or changing the oil of your car, it's a long way. And yet it is not, since Graco has over 80 years of experience with lubrication equipment. It's good to know there are experts that you can rely on.



Most common materials:
Oil and grease.



Mark V™ Platinum



Mark X™



T-Max™ 657



Texturing

Home sweet home, but only with the walls decorated in the style and color you want. Textspray machines from Graco do the job for you.



Most common materials:
Latex, acrylics, fillers & plasters.



PREP



LineLazer™ 5900



GrindLazer™



ProMelt™



Striping

From football pitches to the striping of parking lots for the disabled. Numbers and direction arrows, straight lines and drawings. With Graco you stay in line.



Most common materials:

All kinds of solventborne, waterborne and chlorinated paints.



Driving forces:

Pneumatic

Electric

Hydraulic



Battery driven spray guns



Pressure washers



Feeding pumps



Circulating pumps



Regulators



Spray guns



Hoses



Tips & guards



Extensions



Heaters

Accessories

Industrial Automotive Equipment Division

Lubrication Equipment Division

Contractor Equipment Division

What about Graco mixers, regulators, filters, spray tips, spray guns? Our accessories are too numerous to mention. Find out more on www.graco.com or contact us by telephone at +32 89 770 700. Graco will help you realize your projects.



Rollers



Hoppers



Automatic guns



Heating kits



Filters



Pressure pots



Adapters



Surge suppressors

History

Starting in 1926 with specialized lubrication equipment, Graco has grown to a company producing equipment handling fluids of numerous kinds and for as many markets. Technological development is one of our keystones, and exploring new markets and regions helps Graco maintain a marketleader position. A well equipped training center is used to keep a high level on technical-, and service standards. Worldwide presence through a specialized distributor network ensures quick supply and maintenance in all fields. Graco is noted at the NewYork stock exchange (GGG).



Today



Setup of a modern paint kitchen



Warehouse production and assembly (Maasmechelen - BE)



Top class trainingscenter



ABOUT GRACO

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.

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Graco is certified ISO 9001.



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