



Part of your daily life



Move - Measure - Mix - Control - Dispense - Spray



www.graco.com

1940

During World War II, Gray Company turned its production to helping the war effort and developed the famous Convoy Luber to keep the allied trucks, jeeps, tanks and aircraft lubricated. The first paint pump introduced in 1948 was the Paintmaster. It eliminated the need to transfer paint to a pressure tank before spraying.

1930

To meet the growing demand for more lubrication equipment, the company expanded its product line to include larger, more specialized lubricators and pioneered a traveling equipment display and demonstration trailer.

1926

Gray Company Inc. was established in April 1926 by brothers Russell and Leil Gray to manufacture and market an air-powered, portable lubricator which Russell had invented while working as a parking lot attendant and greaser in Minneapolis.

1950

While Gray Company continued to be a leader in automobile servicing, it also began designing fluid handling and finishing equipment for companies manufacturing consumer goods. The first airless paint sprayer was launched in 1958.

1960

In 1962, the company created an international Sales Division with subsidiaries in Europe, Asia, South America and Canada. Gray Company went public in 1969 and changed its name to Graco Inc.

1970

Graco achieved sales of \$50 million in 1971, and these doubled to \$100 million by the end of the decade. This growth was achieved by solidifying its position in existing markets and entering new ones.

1990

New European headquarters were opened in Maasmechelen, Belgium in 1994. The 90s were an era of unparalleled economic growth with sales reaching \$450.5 million despite the economic recession of recent years.

1980

In 1986, Graco listed its common stock on the New York Stock Exchange under the trading symbol 'GGG'. The first all-plastic pump for liquid transfer application, Husky™ 715, was introduced in 1988.

2000

Graco moved into the new century with a lot of innovations. In 2002, the first proportioner for two-component foams and polyurea was introduced. Graco entered a new market by launching the Magnum® product range for the DIY market in 2002.

2010

The first electric grease pump, G3™, was put on the market in 2010, followed by the world's first airless handheld sprayer, EasyMax™. In 2013, the first tank-free hot-melt delivery system, Invisipac®, was launched. Graco reached the threshold of \$1 billion in sales in 2013.

Future

Graco is ready for even greater achievements in the years to come. For a complete overview of our new products, visit www.graco.com.

A portrait of Patrick McHale, President and Chief Executive Officer of Graco Inc. He is a middle-aged man with a balding head, smiling slightly, wearing a light blue checkered button-down shirt. The background is a blurred, bright indoor setting with architectural lines.

Graco is part of your daily life

Patrick McHale, President and Chief Executive Officer Graco Inc

▶ We pump the peanut butter and mayonnaise into your jar, the filling into your cookie and the oil into your car. We glue the soles of your shoes, seal the glass in your windows and pump the ink onto your bills. We spray varnish on your furniture, coating on your pills, the paint on your house and texture on your walls. We even sprayed the paint on the White House in Washington D.C. and stripes on the field at Wembley Stadium in London.

As one of the world's leading suppliers of fluid management products and packages in the markets in which we participate, our mission is to generate sustained profitable growth for the benefit of our customers, shareholders, employees and communities.

From a bucket of paint to a container full of tomato paste, when it comes to fluids, we can handle it

▶ The most common fluid we all know is water. In Graco's world the definition of fluid goes way beyond that. Fluids may contain particles and can sometimes also be thick and pasty. Certain elements in fluids react differently to heat, cold or pressure. Some need to be mixed before application at very precise ratios. Yet, they must all be handled with care. Graco's innovative technologies are designed to handle these fluids and enable you to achieve your objectives successfully.

Processing food and cosmetics, applying coatings on walls, furniture, cars, boats, trains and airplanes, marking lines on roads and sports fields, spraying insulation foam, sealing glass or gluing boxes, lubricating machinery – on-road or off-road, transferring chemicals from A to B, cleaning with high pressure... it's all about handling fluids!

Move



If you need to lift fluid against gravity, or place droplets in exactly the right spot, then Graco equipment is the right choice. It handles pressures from 1 to 10,000 psi to get the fluid just where you need it. Some materials are not always pure and filtered, but our equipment can transfer particles with a 2.5" diameter. How else could you move tomato sauce with meatballs from bulk containers to tins on the supermarket shelf?

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 ensure you don't miss out and receive reports when needed, increasing efficiency and profitability of your production process and providing exact data to report back to your customers.





Mix



A flawless coat of paint, or a smooth layer of varnish, provides a high-quality finish. Graco offers a wide range of options. Our two and three component solutions mix materials such as insulation foam, anti-corrosion and fire protection coatings as well as industrial finishing materials both manually and automatically for general metal, wood and plastic finishing. Graco's proven experience in developing mixing and dosing technology helps you achieve those very precise criteria often required by regulations.

Control



In industrial environments, you may require temperature control devices, leak detectors and direct computer connections to monitor the maintenance of your production lines. As a contractor, you may want to remotely control the pressure when spraying that big building. From fully integrated control boxes on jobsite equipment to wireless tracking devices in big plants, you can manage your project wherever you are.

Dispense



Whether you dispense 0.02 oz. in a single shot at a rate of 60 shots per minute, or pump 25 gallons in a minute, precision is still required. You want that wind turbine or mining truck to remain lubricated at all times. You also want that drum of tomato paste to be unloaded to the maximum to feed your production line efficiently. Liquids can be expensive, so we don't want you to waste any.

Spray



Sometimes you're just looking for that perfect finish. When spraying decorative or industrial coatings, all you need is consistent flow, the right pressure and a quality spray gun and tip. On top of that, we offer speed, comfort and safety. Of course, the quality of your finish can be improved by the right surface preparation. Graco has you covered with our high pressure washers or vapor blasting equipment.

We are where you are



Graco locations:

- Bundoora, Australia
- Dexter, Michigan, USA
- Erie, Pennsylvania, USA
- Gurgaon, India
- Haslet, Texas, USA
- Hwaseong-si, Korea
- Indianapolis, Indiana, USA
- Maasmechelen, Belgium
- Milan, Italy
- Minneapolis, Minnesota USA (7 facilities)
- Montevideo, Uruguay
- North Canton, Ohio, USA
- Salt Lake City, Utah, USA
- San Leandro, California, USA
- Shanghai, China
- Sibiu, Romania
- Sioux Falls, South Dakota, USA
- St. Gallen, Switzerland
- Suzhou, China
- Yokohama, Japan



More than **3,300** distribution partners offer local service and support in more than **100** countries all over the world.



Shanghai, China
(AP Headquarters)

Working together for growth



As trained experts in the markets they serve, our Graco distribution partners offer focused guidance in finding the right solution for each application. Dedicated technical resources provide the necessary support for getting started with any of our products. Their professional service capabilities include maintenance and repair, reducing downtime to a minimum. All Graco distributors are specifically chosen for their high-quality service required by the Graco standard within their particular area of work.

Graco partners can count on nearly 100 years of experience in fluid handling.

Our commitment to joint business development translates into:



- Innovative, high-quality products with unique features
- A professional warranty and high service rate
- Purchasing conditions aimed at profitable growth
- A committed sales and marketing team for tailor-made support of expanding sales opportunities
- Continuous technical, commercial and hands-on training



At the service of our distribution partners, Graco supports you all the way

▶ Exceeding customer expectations is our priority. Look at Graco, not just as a manufacturer or supplier, but also as an extension of your business. Our dedicated and experienced teams offer unique capabilities to help you meet your specific goals and challenges.

Customer service

- ▶▶ Need assistance with your order, delivery or return? Our customer service specialists answer your call in eight different languages. Check the availability and price of our products, the status of a delivery, or look up your order in real-time via the 24/7 online Customer Information System.

Technical support

- ▶ Nobody knows your equipment better than Graco. A team of multilingual support engineers answer your questions regarding applications, configurations, quick trouble-shooting, parts and repair. They look for a tailor-made solution that suits your needs. Warranties and claims get special attention from our dedicated specialists.

Logistics and warehouse

- ▶ Availability and timely deliveries in all countries. Our world-class distribution centers and unmatched global distributor network give Graco a unique industry advantage that allows us to rapidly deliver our products to end users worldwide.

Local sales support





Come train with us. There is always room for improvement.

Professional fluid handlers, distributors and field users can learn more at our dedicated training centers in the United States, EMEA and Asia Pacific. From theory to hands-on practical, and from basic operational to advanced technical, each training session can be adapted to your specific needs. Learn how to get the most out of your investment!

Offering more than just a product, focused on building relationships,

- ▶ identifying and developing business opportunities together, our sales experts collaborate in defining strategies and action plans, help you navigate through our product offering and provide advice on promotional activities.

Marketing and communication

Developing solutions for markets and spreading the word, our dedicated teams

- ▶ of multilingual marketing specialists investigate ways to expand the market and develop the right technologies for any application, in close cooperation with distributors and field users. We offer tailor-made promotional and communication support from defining strategic requirements, to developing marketing campaigns, organizing events and creating digital or printed material.

Graco University

No time for travel? Just participate in our online webinars or log in to Graco University for the latest product training. Available at your convenience, learn all you want to know about technologies, features and benefits and become an expert in your application. Courses are available in multiple languages with hundreds of videos, presentations and interactive training modules.

gracouniversity.litmos.com



Experience another day with Graco



Get ready for a new day with some fresh orange juice. Drop off your car at the repair shop and cross the street on the pedestrian crossing to the station.

Take the train to your first appointment in the city. Enjoy the landscape through the window and look at the new road under construction, the wind turbines turning at full speed and the people crossing the bridge over the river. Make your phone calls and check emails on your laptop. Visit the new building site with the architect and check how the surface preparation is progressing.

Before going home, make a short stop at the supermarket and buy the ingredients to cook a nice meal. Fill the washing machine before taking some time to relax in the jacuzzi and watch TV in your freshly painted living room before going to bed. Dream of your next holiday with your family on a shiny cruise ship or in a well insulated mountain chalet.

Graco's technologies touch your life in many unexpected places!



01

SANITARY PROCESSING

LOW TO VERY HIGH VISCOSITY FOOD, COSMETIC AND PERSONAL CARE PRODUCTS



We process your food from the field into your kitchen cabinet

Sanitary processing is an industrial hygienic process in which food or personal care products are prepared for consumption from raw ingredients. During this manufacturing process, Graco focuses on the transportation of materials of varying viscosities.

Our drum unloaders evacuate low to very high viscosity products from containers without diluting the material. We optimize the speed of moving material, increase efficiency and pump fluids with a wide range of viscosities from frozen fruit concentrates to nail polish.

We transfer fluids using sanitary diaphragm pumps to pump fluids from A to B during the manufacturing process.



MATERIALS

Caramels and peanut butter, condiments, dips and salad dressings, cultured dairy variegate, frozen juice concentrates and purees, meat and poultry, tomato paste, chocolate, wine, mascara, shampoo and nail polish



SaniForce™ Bin Evacuation System (BES)



sanitary diaphragm pumps



SaniForce drum unloader

02

FINISHING

INDUSTRIAL PLASTIC, WOOD AND METAL FINISHING IN CARS, PLANES,
CONSTRUCTION MACHINERY, FURNITURE, CABINETRY AND MOBILE PHONE COVERS



Because you want a smooth, high-quality finish for both your smallest objects and your biggest projects

A perfect coat of paint or a fine layer of varnish provides the finishing touch. It makes your surface shine and gives your products that high-quality look.

From one component material to mixing and dosing plural components, Graco offers a wide range of options. Plural-component material is mainly used when you need a more resistant top coat or a quick fluid curing time on your surface.

Electrostatic spraying is the perfect solution to offer a high-end paint finish such as on cars. Electrostatic guns charge the paint and make it wrap around the objects saving paint by reducing overspray.

Every car plant has a paint circulation system to keep production going, and Graco has pumps that provide the constant flow and pressure rate for paint materials.



MATERIALS

Solvent-based and waterborne paints and lacquers, UV-curing materials, polyurethanes and epoxies



Pro XP™ electrostatic gun



Merkur™ air-assist sprayer



ProMix™ PD2K positive displacement proportioner



E-Flo™ DC 4-ball piston pump

03

VEHICLE FLUID DISPENSE

PETROL, DIESEL, ANTI-FREEZE, OIL AND GREASE



Professionals choose handy solutions to streamline workflows in their service centers

Graco offers a full line of quality equipment to meet the varying needs of vehicle maintenance and repair. Streamline your workflow and move more through your shop. Reliable, high-quality equipment you can depend on when you need it most.

The versatile fluid inventory control and management system is designed to accurately track the use of fluids such as oil, grease and automotive fluids at vehicle maintenance facilities.

Graco's hose reels make sure you deliver these at the right spot in your shop. From light-duty applications with flexible mounting options to high-performance concepts designed for heavy-duty jobs, our hose reels are known for their durable long-life design.



MATERIALS

Petrol, diesel, anti-freeze, oil and grease, automotive liquids



Fire-Ball™ 300 pump



SD meters combined with Matrix™ total fluid management system



XD 50™ hose reels

04

PAVEMENT MARKING, GRINDING AND SPORTS FIELD MARKING

ROADS, BIKE PATHS, PARKING LOTS, AIRPORTS, INTERSECTIONS, REMOVAL OF MARKINGS, PLAYGROUNDS AND SPORTS FIELDS



From the parking lot to your sports field, we show you the way

From sport fields to the striping of a variety of traffic-related surfaces and parking lots, numbers and direction arrows, straight lines and drawings. Stay in line with Graco.

We offer a wide range of striping equipment from walk-behind to self-propelled paint strippers such as the LineLazer, from thermoplastic strippers with our ThermoLazer to modular paint striping systems like our RoadPak. Whether you need manual or automatic striping options, narrow lines, wide lines or multi-lines and multi-color, with or without beads, we have the solution for you.

Prepare your job with our auto-layout system for striping parking lots. Pre-mark with skip-lines, or remove old lines with our GrindLazer for fresh new striping options.



MATERIALS

Road striping paint, thermoplastic and sports field paints



thermoplastic applications
ThermoLazer™



paint applications
LineLazer™



grinding applications
GrindLazer™

05

BONDING, SEALING AND GASKETING

LAMINATED WOOD, INSULATED GLASS, FITTED WINDOWS, ENGINE CONTROL MODULES, TRANSMISSION CASES, MEDICAL DEVICES, AIR AND FLUID FILTERS, AVIONICS AND EXTREME USE ELECTRONICS, BOOKS



You'd better stick with Graco when it comes to bonding and sealing

Virtually every product assembled requires bonding or sealing at some stage of the process. Graco offers manual and automated technologies for single-component and two-component bonding and sealing for a broad array of products, markets and applications.

Adhesive bonding is the process of joining two work pieces securely by using a liquid or semi-liquid material to create a long-lasting bond. In a high-volume manufacturing environment, adhesive is usually applied using specialized application equipment. Adhesives can be dispensed in a continuous bead or dots using automation equipment, or applied manually using a hose-fed hand-gun system.

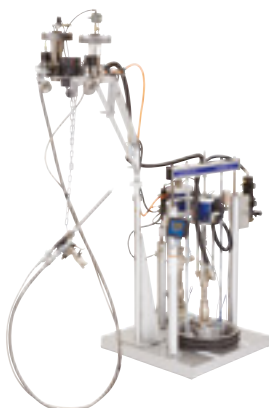
Sealing is the process of closing or securing a part or assembly with a fluid-tight, air-tight adhesive.

A gasket is a seal that fills a space between two objects, usually to prevent a gas or liquid from leaking between the two parts. Gaskets can be made from materials such as felt or rubber, but can also be produced with beads of silicone or polyurethane. Liquid gasketing is a popular and cost-effective way to replace molded, die-cut and other types of gaskets in automotive and other applications.



MATERIALS

Sealants and adhesives, glues, acrylates, epoxies, PVCs, polyurethanes, silicone and polysulfide



ExactaBlend™ for sealing insulated and structural glass



PCF™ metering system



HFR™ hydraulic fixed ratio metering system

06

AUTOMATIC LUBRICATION

BUILDING MACHINES, ON AND OFF-ROAD VEHICLES, PRODUCTION MACHINES,
MINING VEHICLES, WIND TURBINES AND AGRICULTURAL EQUIPMENT



Graco lubricates your equipment automatically, so you can stay focused on your job

Whether the equipment is stationary, like in manufacturing facilities, or mobile, like in trucks, mining or construction equipment, lubricant is most effective when dispensed in controlled amounts at frequent intervals.

For a number of reasons, such as time and human resource constraints, or the physical location or type of machine, regular manual lubrication is often difficult to achieve. Often the intervals at which machines are lubricated are based on production cycles, manpower availability and accuracy.

The optimal way of lubricating is automatic lubrication. Graco provides auto lube systems delivering a controlled amount of lubricant (either grease or oil) to multiple, specific locations on a machine while the machine is operating. A centralized automatic lubrication system generally consists of a controller, a pump with reservoir and lubrication dispensers.



MATERIALS *Oil and grease*



Electric Dyna-Star™ (EDS) lubrication pump



G3™ automatic lubrication pump



MSP stainless steel divider valve

07

PROTECTIVE AND HEAVY-DUTY COATINGS

BRIDGES, ANTI-CORROSION TREATMENT, FIRE-PROOFING, OFFSHORE RIGS, SHIPBUILDING, WIND TURBINES AND ROOF COATINGS



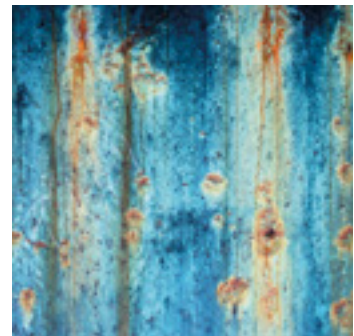
Our high-performance sprayers protect the objects and constructions you rely on every day

The most common use of industrial coatings is for corrosion protection of steel structures such as offshore platforms, bridges and underground pipelines. Other functions include intumescent or cementitious fireproofing materials for passive fire protection. The most common polymers used in industrial coatings are polyurethane, epoxy and moisture-cure urethane.

From in-plant to mobile applications, Graco can cover your needs in applying heavy-duty materials. Even if you're looking to combine the required mobility to finish on-site jobs with the freedom to choose your own power source, we have the solution you need.

Are you even more exposed to the elements, for example, offshore or in situations involving fire? Apply fast-curing protective coatings with plural-component proportioners. We have ATEX-approved equipment for working in hazardous locations.

To ensure a quality job, surface preparation is a must. Check out Graco's cleaning solutions as well!



MATERIALS

Epoxy or urethane-based coatings



DutyMax™ GH300DI ProContractor



Xtreme™ airless sprayer



XP70™ plural component sprayer



XM™ plural component sprayer

08

ENCAPSULATION AND POTTING

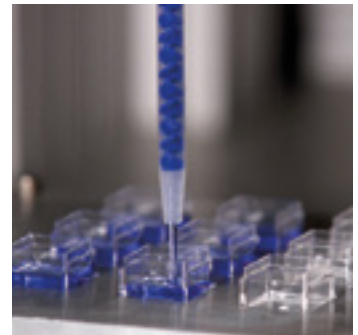
CABLE SPLICE, COILS, POWER SUPPLIES, SENSORS, SWITCHES AND CONTROL MODULES



Our encapsulation and potting precision technology ensures you can rely on your precious technology

Graco provides precision equipment that dispenses a liquid resin over parts or assemblies for protection.

The scope of encapsulation and potting is to protect electronic components, connections or terminals from moisture, dirt, oil and other chemicals in the environment by completely encasing and sealing them with either a single or plural-component resin. Resins may include epoxies, silicones or urethane. Encapsulation and potting can be accomplished at atmospheric pressure or under vacuum pressure when voids within the resin are undesirable.



MATERIALS

Polyurethane, epoxy, silicone, MS polymers, acrylics, polysulfides and PVC



PD44™ metering valve



PR70™ compact bench-top meter, mix and dispense system



HFR™ hydraulic fixed ratio metering system

09

SPRAYING TEXTURE

CEILING AND WALL TEXTURE, INTERIOR AND EXTERIOR TEXTURES, REMODELING, DRYWALL FINISHING, BASEMENTS AND FOUNDATIONS, ROOFS



From a smooth to a rough wall, from your basement to your roof, we can spray it

From smooth interior walls, to a rougher outside finish or vice versa. Graco texture equipment can add character by giving walls and ceilings a new dimension or facilitate a high-quality straight and smooth look for that modern touch.

Spray inside premixed plasters on inside concrete walls to get an even finish, speed up drywall finishing jobs with the utmost attention to quality, or provide the outside of your house with a decorative coating.

But we're there even before you get to that finishing touch! We keep you warm by spraying insulation glues on exterior walls, and keep you dry by waterproofing foundations and spraying roof top coatings.

So whether it is in construction or renovation, whether it is a small job or a big project, our texture equipment gets the job done.



MATERIALS

Light inside plasters, airless spray joint filler, premixed plaster, bituminous materials, heavy duty coatings, reinforced joint filler, rough-texture paints, aerated concrete coatings, EIFS adhesive / joint filler, powder and decorative coatings



Mark V™ ProContractor
electric airless sprayer



TexSpray™ 7900 HD ProContractor
gas driven airless sprayer



GH™ 833 big rig gas
driven airless sprayer



RTX™ 5500 electric air-
assisted peristaltic sprayer



ToughTek® S340e
electric mortar sprayer

10

PACKAGING CASE AND CARTON SEALING



Cut costs with Graco's innovative packaging technology

The boxes you buy in the supermarket are closed with small dots of glue on the inside. They are sealed at the end of a production line with hot-melt technology.

Graco hot-melt delivery systems are engineered for quick start-up through innovative melt-on-demand technology. Because the system is engineered with a tank-free design, adhesive spends less time at high temperature, significantly reducing char and its negative side effects.

You get great performance, even from low cost adhesives. The InvisiPac is compatible with the most commonly used pellets and can be used for gluing boxes in many industries like food, beverages, detergents and many more.



MATERIALS

Hot-melt glue (EVA, metallocene and wax)



InvisiPac™ 25 hot-melt system



InvisiPac™ 50 hot-melt system



Hot-melt glue guns

11

FLUID TRANSFER AND CIRCULATION

TRANSFER FROM STORAGE TO OPERATOR, FEEDING MULTIPLE COMPONENT PRODUCTION LINES, CHEMICAL METERING AND HANDLING WASTE WATER



From clean water to the detergent to wash your clothes, we ensure the smooth transfer of liquids necessary for daily life

When a liquid is pumped from A to B, we call this fluid transfer and circulation. For most applications, we use diaphragm pumps configured to meet the specific needs of the liquid to transfer and the specific project requirements. Graco ensures the accurate, clean and efficient transfer of all kinds of materials.

We help keep water clean, pump the detergent to wash your clothes and pump the dye to color them. We even pump the material ceramics to manufacture the tiles in your laundry room or finish your bath tub. Ever thought about how your kitchen tap got its nice shiny look? Graco's pumps deliver the chrome material to the right place.

On mining sites all around the world, our equipment is used for dewatering collection of basins and mine shaft floods as well as to deliver fuel to rail cars.



MATERIALS

Liquids and fluids from low to high viscosity with particles up to 63 mm in diameter, oil, fuel, grease, ink, chemicals and waste water



Husky™ 1050 air-operated double diaphragm pump



Fast-Flo™ piston pump



SoloTech™ peristaltic hose pump

12

COMPOSITE FABRICATION

BOATS, SLIDES, SURF BOARDS, SWIMMING POOLS, HOT TUBS, POLYESTER BARRELS, YACHTS, WINDSHIELDS AND DEFLECTORS ON TRUCKS



Whatever form you want to create, Graco makes it happen

Fiber-reinforced plastic (FRP) is a composite material made of a polymer matrix reinforced with fibers.

Graco's composite equipment sprays a thin layer of gel coating containing the actual finishing layer of the composite into a mold. Next comes a thicker layer of fiberglass to strengthen the composite. With a laminating process, the air is extracted and after drying, the composite is removed from the mold, creating the form you want!

Another technology used to manufacture composite material is pultrusion. The term pultrusion combines the words, "pull" and "extrusion." Extrusion is the pushing of material through a shaped die. Pultrusion is the process of "pulling" raw composites such as fiberglass and resin through a heated die, creating a continuous composite profile.

The pultrusion process starts with rolls of fiberglass. This raw fiber is guided through a resin bath, where the fibers are thoroughly saturated with the resin mixture. The uncured composite material is now guided through a series of tooling. This custom tooling helps arrange and organize the fibers into the correct shape, while excess resin is squeezed out. At the last stage, the composite passes through a heated steel die. The profile that exits the die is a cured pultruded fiber-reinforced plastic (FRP) composite.

TM™



MATERIALS

Polyester paints, gel coats, polymer and glass fibers



RS™ chop and gel coat guns



FRP chop system



FRP gel coat system

13

PAINT, STAIN AND LACQUER SPRAYING

ARCHITECTURAL COATINGS, WALLS AND CEILINGS, WINDOWS AND DOORS, FENCES, STAIRS, DECKS, GARAGE DOORS, GARDEN SHEDS, DIY REMODELING AND REPAINTING



The walls in your living room, the wooden fence around your garden — we make them look good

Turn your house into a home by painting and decorating according to your personal taste.

An airless sprayer simplifies painting in two ways: first, if you want to speed up a job requiring several gallons of paint, you can apply it a lot quicker than with a roller or brush. Second, if you want a smooth finish on woodwork or doors, an airless sprayer can apply the paint flawlessly.

An airless sprayer works by pumping paint through a hose and out of a tiny hole in the spray gun tip at very high pressure. The tip is designed to push the paint out into a fan-shaped spray pattern of tiny droplets. Using different tips, you can spray thin liquids like stains, lacquers and varnishes or thicker liquids like latex house paint. You can use an airless sprayer to apply a perfectly smooth finish on doors, cabinets and woodwork. And since an airless sprayer pumps paint straight from a can or bucket, you can apply a lot of material in a short time. This makes an airless sprayer particularly well suited to large paint jobs such as priming bare drywall in a new house or painting a long fence.



MATERIALS

Stains, glazes, wood impregnations, oils, lacquers, primers, synthetic resin bead paints, anti-corrosive paints, radiator paints, top coats, fillers, interior emulsion acrylics, exterior emulsions, latex fabric adhesives, anti-corrosive paints and fire retardant paints



Ultra® Max II 490 PC Pro
professional airless sprayer



FinishPro™ HVLP 7.0 ProContractor
fine finish sprayer



Ultra cordless handheld sprayer

14

CLEANING AND SURFACE PREPARATION

TERRACES, CARS, HOUSES, OFFSHORE RIGS, BUILDING CRANES, DUMP TRUCKS, PRODUCTION PLANTS AND SHIPYARDS



Relax while our pressure washers do the work for you

Remove dirt, marks or stains using our high-pressure cleaners for a wide variety of cleaning and maintenance applications. Graco sells both electric and gas-driven pressure washers for homeowners, contractors and painters.

We also offer ATEX-approved pneumatic pressure washers for heavy-duty cleaning and maintenance for industrial and sanitary applications. These are perfect for extreme environments such as offshore rigs.

To ensure a quality result when applying a new coating, some surfaces need a thorough cleaning to remove corrosion and debris. Graco's sand blasting kits and vapor abrasive blasting solutions help to get the job done.

Vapor abrasive blasting is the operation of forcibly propelling a stream of wet abrasive material like sand, crushed glass or other types of media against a surface under high pressure to remove surface contaminants. It is also used to remove rust or old coatings to help the new coating adhere perfectly to the surface.



MATERIALS

Water, detergents and abrasive blasting media



G-Force™ II
gas-driven pressure washer



HydraClean™
air-operated pressure washer



EcoQuip™
vapor abrasive blast equipment

15

FAST-SET: INSULATION AND COATING

INSULATION: ROOF, WALL, ATTIC AND RIM JOIST INSULATION
COATING: BEDLINERS OF PICK-UP TRUCKS, LINERS IN PIPELINES, TANK STORAGE,
UNDERGROUND PARKINGS, WATERPROOFING OF SWIMMING POOLS, AQUARIUMS,
MANUFACTURING OF DASHBOARDS AND OTHER AUTOMOTIVE PARTS



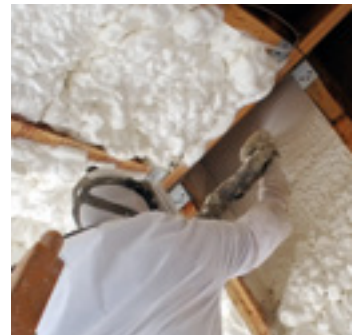
Your optimal comfort is assured by our insulation equipment and spray guns

Keeping cool in summer and warm in winter is an ongoing challenge. The application of foam insulation helps reduce heating and cooling costs through the seasons. Enjoy an open fire in the winter and reduce air conditioning in summer. Feel comfortable and save money.

Graco manufactures equipment and spray guns to spray polyurethane foam insulations. This creates an air barrier under blown-in insulation in attics, or to seal and insulate rim joists.

Polyurethane can also be sprayed into molds. This technology is used for the manufacturing of automotive parts like the dashboard in your car, or the side panels of your fridge.

Fast-set coatings are a remarkable technology with a range of uses limited only by your imagination. These materials have protective capabilities and are very elastic. Fast-set insulation and coatings cover markets such as construction and infrastructure, sports and leisure, transport and logistics, automotive parts manufacturing, oil and gas.



MATERIALS

Polyurea and polyurethane



Reactor™ E-10HP
spray foam equipment



Reactor²
foam and polyurea equipment



Fusion™ air purge gun

Always one step ahead

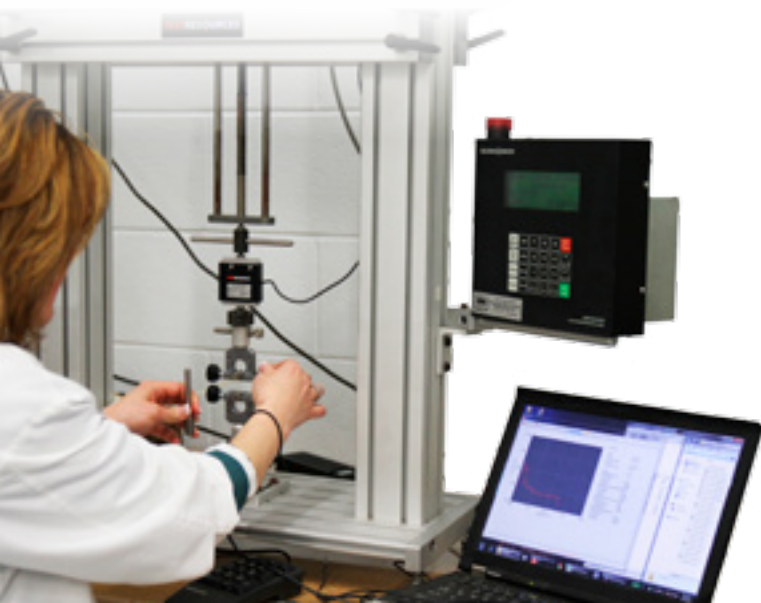
▶ When it comes to Research and Development, we deliver products that make a difference to you and to the environment.

Graco's R&D engine

▶▶ To guarantee superior quality and to meet the changing requirements of your markets, we prioritize investing human and financial resources in Research and Development. Every day, hundreds of engineers and technicians perform vital research and product testing because delivering the highest quality, best performing products is part of our DNA. By involving the entire organization as well as our distribution contacts and customers, we make use of a wealth of knowledge and experience gained over the years. This way, we ensure that the vast competence built up within Graco benefits you now and in the future.

Over the last few years, on average 30 new products have been put on the market each year. Innovative technologies and extensive field testing are a natural part of our process to develop new products. Also, every aspect of our production is subject to constant testing and evaluation. It's the foundation to deliver products with long service life and low cost of ownership. The insurance to help you grow your business.

100+ product assembly lines
1000+ computer numerical control manufacturing machines





Machining is a core competency of Graco - it enables complete control of the component parts needed to ensure precise metering, reliable dispensing and fluid movement. As shown in the picture, robots are used to automate machine feeding and part handling, ensuring consistent part quality.

Sustainability



We only have one earth and we need to take good care of it for our children and grandchildren. That is why Graco is committed to making our products and operations more sustainable. Our researchers and environment specialists continuously work on new methods to run production and distribution processes in a more environmentally-friendly manner and to make these processes as sustainable as possible. In Graco factories and distribution centers, this is demonstrated mainly behind the scenes by increasing recycling and reducing energy consumption. An ecological approach to products includes applications reducing the waste of raw materials and techniques for detecting and repairing leaks in systems that use high-pressure air.

Graco colors the Amazon region just a little bit greener

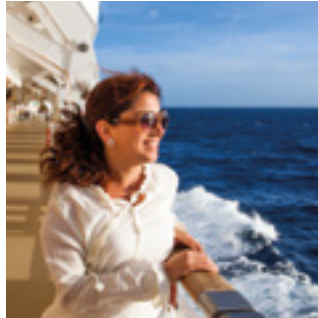
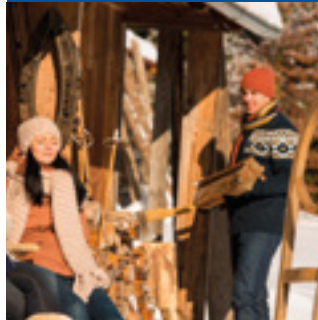


What the outside world does notice, is the support that Graco gives to a sustainable development project in close cooperation with Bos+ and the Forest Stewardship Council (FSC). Graco sponsors the Shipibo indigenous community of Junin Pablo, a village in the Peruvian Amazon. The rain forest is their life because it gives them all they need for a living: agriculture, fishing and forestry. The Shipibo people cut down forest trees to build their own homes and boats, but also to sell. With Graco's help, Junin Pablo now has appropriate machinery and training, an annual felling plan for carrying out sustainable forest management, the necessary and adjusted storage facilities for timber, and a village timber committee that supervises the implementation of sustainable planning.



Graco supports the FSC certification project of community forest in the Peruvian Amazon, administered by Bosplus. The FSC label guarantees the environmentally appropriate, socially beneficial, and economically viable management of the world's forests. Graco's products are not FSC labelled, but support the FSC Forest certification with certificate holder GFA-FM/COC-001288.





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