

PROCESS EQUIPMENT

Pumping Solutions for Process Industries



M O V I N G M A T E R I A L S T H A T M A T T E R ™

GRACO'S PUMP SOLUTIONS HAVE YOU COVERED



Experienced customers know the difference. Graco professional pumps are solid investments that perform reliably, year after year.

TRUST YOUR BUSINESS AND REPUTATION TO GRACO

Graco is committed to providing the highest quality products available, backed by high marks in customer satisfaction.

AMERICAN BUILT QUALITY SINCE 1926

100% factory-tested and field-proven Graco professional pumps are manufactured, assembled and supported in the USA.

INDUSTRY-LEADING SOLUTIONS

Graco offers a wide range of pump sizes and materials to deliver industry-leading solutions for nearly any fluid transfer application.



HUSKY®
Air-Operated Double
Diaphragm Pumps

- Flow rates up to 1.135 lpm (300 gpm)
- Rugged construction resists corrosion for reliable performance and long life in heavy duty transfer applications



QUANTM™
Electric Double
Diaphragm Pumps

- Flow rates up to 454 lpm (120 gpm)
- Experience the benefits of an AODD pump with increased efficiency and significantly quieter operation



CHEMSAFE™
Chemical Pumps

- Flow rates up to 378.5 lpm (99.5 gpm)
- Ideal for pumping highly corrosive chemicals



SOLOTECH™
Peristaltic Hose Pumps

- Flow rates up to 67 lpm (17.7 gpm)
- Single roller design provides more flow per revolution than conventional designs to deliver a long-lasting hose life



HYDRA-CLEAN®
High Pressuring Cleaning

- Pressures up to 310 bar, 4.500 psi (31 MPa)
- Ideal for hazardous locations and pumping dirty water



FAST-BALL® 100
Piston Transfer Pumps

- Pressures up to 10 bar, 145 psi (1 MPa)
- Available in universal or drum mount
- Ideal for lower volume, short-run transfers



THE HUSKY ADVANTAGE

Our Husky air-operated double diaphragm pumps are loaded with features to help you get the job done right, every time, and are built to save you money. Each pump is ruggedly constructed to deliver a long, trouble-free product life.

Heavy-duty design

Rugged construction delivers reliable performance and long life

Material compatibility

Wide range of materials available to handle virtually any fluid in need of transfer

Runs dry

Seal-less design eliminates leaking and failures due to run-dry pump conditions

Leak detector options

Reduce risk with a leak detector and know immediately when your product is leaking



Flow rates

Flow rates up to 1135 lpm (300 gpm)

Lube-free maintenance

Fewer moving parts and complete external serviceability

Stalls under pressure

Prevents pump failures from clogged lines or closed valves

Self-priming

Strong suction capabilities significantly reduces chances of damaging your system

THE RIGHT OPTION FOR EVERY JOB

Choose from a wide selection of materials to handle numerous applications, including corrosive and abrasive fluid transfer. Easily customize your fluid sections and get the best pump for the job.

PUMP SIZE	MAX. FLOW RATE	MAX. FLUID PRESSURE	CONNECTION SIZE	MAX. PUMPABLE SOLIDS
205	19 lpm (5 gpm)	7 bar, 0.7 MPa (100 psi)	1/4 in.	1.5 mm (0.06 in.)
307	24.6 lpm (6.5 gpm)	7 bar, 0.7 MPa (100 psi)	3/8 in.	1.6 mm (1/16 in.)
515	57 lpm (15 gpm)	7 bar, 0.7 MPa (100 psi)	1/2 in.	2.5 mm (3/32 in.)
716	61 lpm (16 gpm)	7 bar, 0.7 MPa (100 psi)	3/4 in.	2.5 mm (3/32 in.)
1050	189 lpm (50 gpm)	8.6 bar, 0.86 MPa (125 psi)	1 in.	3.2 mm (1/8 in.)
1590	378.5 lpm (100 gpm)	8 bar, 0.8 MPa (120 psi)	1.5 in.	4.8 mm (3/15 in.)
15120	454 lpm (120 gpm)	8.6 bar, 0.86 MPa (125 psi)	1.5 in.	6.3 mm (1/4 in.)
2150	568 lpm (150 gpm)	8 bar, 0.8 MPa (120 psi)	2 in.	6.3 mm (1/4 in.)
2150LP	568 lpm (150 gpm)	8 bar, 0.8 MPa (120 psi)	2 in.	46 mm (1.8 in)
2200	757 lpm (200 gpm)	8.6 bar, 0.86 MPa (125 psi)	2 in. (50mm) ANSI/DIN flange	9.5 mm (3/8 in.)
3250	946 lpm (250 gpm)	8.6 bar, 0.86 MPa (125 psi)	3 in.	13 mm (1/2 in.)
3300	1135 lpm (300 gpm)	8.6 bar, 0.86 MPa (125 psi)	3 in.	13 mm (1/2 in.)



*G.E.T. = Graco Engineered Thermoplastic

FIND THE RIGHT PUMP FOR YOUR APPLICATION



graco.com/pumphouse



QUANTM ELECTRIC DIAPHRAGM PUMPS

DIAPHRAGM PUMP ACCESSORIES

HIGHEST PRODUCTIVITY & ENERGY EFFICIENCY

Graco's QUANTM electric-operated double diaphragm (EODD) pumps combine the advantages of an AODD pump like self-priming, stalling under pressure, and increased diaphragm life with the efficiency of an electric drive.

Electric drive

- Up to 80% more efficient than AODD pumps
- Eliminate the requirement for compressed air, relieving the load on air compressors
- IE5 energy efficiency classified

Quiet operation

- Eliminating compressed air drives significant noise reduction
- 23% reduction in sound pressure over standard AODD pumps
- 90% decrease in sound intensity

Integrated control

- Control the pump with the turn of a dial
- Features intelligent Auto-Prime mode for faster priming
- IP66 wash-down rated
- Leak detectors are standard to monitor for diaphragm rupture or other leaks

Automation

- Equipped with an I/O port for remote or PLC pump control to start or stop the pump and adjust speed or to add a level sensor

Small footprint

- Similar in size to Graco's AODD pumps
- Removal of the gearbox reduces footprint compared to other electric options



PUMP SIZE	MAX. FLOW RATE	MAX. FLUID PRESSURE	CONNECTION SIZE	MAX. PUMPABLE SOLIDS
i30	114 lpm (30 gpm)	7 bar, 0.7 MPa (100 psi)	1 in.	3.2 mm (0.125 in.)
i80	300 lpm (80 gpm)	7 bar, 0.7 MPa (100 psi)	1.5 in.	4.8 mm (0.19 in.)
i120	454 lpm (120 gpm)	4.1 bar, 0.41 MPa (60 psi)	2 in.	6.35 mm (0.25 in.)
i120LP	454 lpm (120 gpm)	4.1 bar, 0.41 MPa (60 psi)	2 in.	46 mm (1.8 in.)

OPTIMIZE YOUR TRANSFER SYSTEM

Graco offers durably constructed equipment to support your industrial processing needs. Protect your system and enhance your equipment with these accessories.



Pump carts

Mobilize your fluid transfer

- Mounting patterns available for most pump configurations
- Enables flexibility for fluid transfer throughout your facility

Pulsation dampeners

Extend the life of your system

- Minimize noise, plumbing damage and product degradation
- Ensure a smooth, steady flow with reduced cavitation and foaming



CONFIGURATIONS	MATERIALS OF CONSTRUCTION	DIAPHRAGM OPTIONS	CONNECTION TYPE
1 inch	Aluminum, Polypropylene	Buna-N, PTFE/EPDM Overmold, PTFE/Santoprene 2-piece, Santoprene	Metal - NPT/BSPT; Plastic - Flange
1.5 inch	Aluminum, Polypropylene	Buna-N, PTFE/EPDM Overmold, PTFE/Santoprene 2-piece, Santoprene	Metal - NPT/BSPT; Plastic - Flange
2 inch	Aluminum, Polypropylene, Stainless Steel	Buna-N, FKM (Viton), PTFE/EPDM Overmold, PTFE/Santoprene 2-piece, Santoprene	Metal - NPT/BSPT; Plastic - Flange

CHEMSAFE CHEMICAL PUMPS

IDEAL FOR THE MOST CHALLENGING FLUIDS

100% PTFE corrosion-resistant fluid paths, ChemSafe pumps are configured to meet most, temperature and chemical compatibility requirements.

Leak-free technology for ease of use

- Dual force, tie-bolt design ensures chemical containment and reduces cold flow
- Machined fluid components

Corrosion-resistant design

- 100% PTFE fluid paths
- No exposed metals

User-friendly parallel pilot shifting

- Easy to maintain
- Stall-free design
- Reduced icing air system



PUMP SIZE	MAX. FLOW RATE	MAX. FLUID PRESSURE	CONNECTION SIZE	MAX. PUMPABLE SOLIDS
307	25.4 lpm (6.7 gpm)	7 bar, 0.7 MPa (100 psi)	3/8 in.	2 mm (0.08 in.)
515	60.6 lpm (16 gpm)	7 bar, 0.7 MPa (100 psi)	1/2 in.	4 mm (0.16 in.)
1040	146 lpm (39 gpm)	7 bar, 0.7 MPa (100 psi)	1 in.	6 mm (0.24 in.)
1590	376 lpm (99.5 gpm)	7 bar, 0.7 MPa (100 psi)	1.5 in.	8 mm (0.32 in.)

SOLOTECH PERISTALTIC HOSE PUMPS



MAXIMUM MATERIAL PRODUCTIVITY

With only the hose in contact with the fluid being pumped and no check valves in line, Graco's SoloTech peristaltic pumps are ideal for metering and transferring materials that other pumps cannot handle.



Efficient pumping action

- One hose compression per revolution extends hose life

Lowest maintenance

- No valves, seals or glands

Pumps widest range of material

- Patented design ensures only the hose comes in contact with fluid
- Easily pumps abrasive, corrosive, shear sensitive, and gas entrapped fluids

Reversible

- Pumps can be used to empty lines or clear blockages

Extended hose life

- Only one hose compression per revolution

Single roller design

- Compresses through a full 360° rotation, reducing temperature and friction
- Delivers longest hose life

Choose from 4 different hose materials to meet your specific application requirements

Outer Layer

Reinforced Layers

Inner Layer



HOSE MATERIALS	STRIPE COLOR / INSIDE COLOR	MAX FLUID TEMPERATURE	APPLICATION AREA
Natural Rubber	None / Black	71 °C (160° F)	Abrasives
Chlorosulfonated Polyethylene (CSM)	Orange / Black	121 °C (250° F)	Highly Corrosive Chemicals
Nitrile	Yellow / Black	121 °C (250° F)	Oils or Oily Products
Ethylene Propylene (EPDM)	Blue / Black	104 °C (220° F)	Corrosive Chemical

PUMP SIZE	FLOW RATE RANGE	MAX. FLUID PRESSURE	CONNECTION SIZE – FLANGE OD	HOSE ID
i6	0.026 - 0.95 lpm (0.007 - 0.25 gpm)	9 bar, 0.9 MPa (125 psi)	90 mm (3.54 in.)	6 mm (0.24 in.)
i10	0.049 - 2.5 lpm (0.013 - 0.67 gpm)	9 bar, 0.9 MPa (125 psi)	90 mm (3.54 in.)	10 mm (0.39 in.)
i16	0.148 - 5.3 lpm (0.039 - 1.4 gpm)	9 bar, 0.9 MPa (125 psi)	90 mm (3.54 in.)	16 mm (0.63 in.)
i23	0.34 - 17 lpm (0.09 - 4.5 gpm)	9 bar, 0.9 MPa (125 psi)	108 mm (4.25 in.)	23 mm (0.91 in.)
i26	0.757 - 37.1 lpm (0.23 - 9.8 gpm)	9 bar, 0.9 MPa (125 psi)	108 mm (4.25 in.)	26 mm (1.02 in.)
i32	1.4 - 67 lpm (0.373 - 17.7 gpm)	9 bar, 0.9 MPa (125 psi)	125 mm (4.92 in.)	32 mm (1.26 in.)



FAST-BALL 100 PISTON TRANSFER PUMPS

HYDRA-CLEAN PRESSURE WASHERS

HIGH-QUALITY, LONG-LASTING PERFORMANCE

Designed for enhanced quality, durability and reliability, the Fast-Ball Stainless Steel 100 pump is easy to install and easy to operate. The simple design allows for efficient serviceability when necessary to minimize downtime and keep your operations running.

In-line design

- Fewer parts mean less pump wear

Double-acting pump

- Provides reliable flow

Differential air motor

- Ensures smooth pump operation

Immediate start-up

- Convenient pump packages come with everything you need

Long-lasting performance

- Manufactured with high quality components



PUMP RATIO	MAXIMUM WORKING PRESSURE	FLUID INLET SIZE	FLUID OUTLET SIZE
1:1	10.3 bar, 1.03 MPa (150 psi)	25.4 mm (1 in.)	19.05 mm (3/4 in.)

ON-DEMAND HIGH PRESSURE SOLUTIONS

Ideal for use in a variety of in-plant cleaning applications and can be used with hot or cold water, detergents or strong chemical solutions up to 93°C (200°F). Available in cart-mount options.



High-ratio pressure washer

- Up to 310 bar (4500 psi)
- Tackle the toughest cleaning challenges

Clean hazardous materials

- Clean oil and chemical spills
- Remove materials without exposing workers to dangerous situations

Keep your equipment clean

- Use in a variety of industries
- Remove grease, oil or other contaminants
- Help extend your equipment's lifespan

PUMP RATIO	MAXIMUM FLUID FLOW RATE	MAXIMUM WORKING PRESSURE	MAXIMUM INLET AIR PRESSURE
6:1	16 lpm (4.2 gpm)	42.7 bar, 4.2 MPa (620 psi)	7 bar, 0.7 MPa (100 psi)
12:1	15.71 lpm (4.15 gpm)	86.2 bars, 8.6 MPa (1250 psi)	7 bar, 0.7 MPa (100 psi)
23:1	18.62 lpm (4.92 gpm)	156.9 bars, 15.7 MPa (2275 psi)	7 bar, 0.7 MPa (100 psi)
30:1	19.04 lpm (5.03 gpm)	211.3 bars, 21.1 MPa (3065 psi)	7 bar, 0.7 MPa (100 psi)
40:1	17.83 lpm (4.71 gpm)	275.8 bar, 27.6 MPa (4000 psi)	7 bar, 0.7 MPa (100 psi)
45:1	3 lpm (0.8 gpm)	310 bar, 31 MPa (4500 psi)	7 bar, 0.7 MPa (100 psi)



APPLICATION OVERVIEW

CHEMICAL

Detergent cleaning, polymer, fertilizer, chemical blending, semiconductor, oil & gas (condensate and oil recycling)

- Husky
- QUANTM
- SoloTech
- ChemSafe
- Hydra-Clean



BUILDING MATERIALS

Wood preservation, engineered wood products, roll coating (paint and adhesive)

- Husky
- QUANTM
- Fast-Ball



PULP & PAPER

Paper manufacturing and corrugated board production

- Husky
- QUANTM





APPLICATION OVERVIEW

PAINT

Paint delivery systems, solvent transfer, moisture sensitive material handling and paint circulation

- Husky
- QUANTM
- Fast-Ball
- Hydra-Clean



CERAMICS

Ceramic slip & slurry, glaze & color processing, material (un)loading, waste water

- Husky
- QUANTM
- SoloTech



WATER TREATMENT

Chemical dosing, polymer, lime slurry

- SoloTech
- Husky
- QUANTM
- Hydra-Clean



DEWATERING

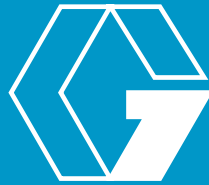
Sludge, sump evacuation and waste fluids

- Husky
- QUANTM





MOVING MATERIALS THAT MATTER™



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