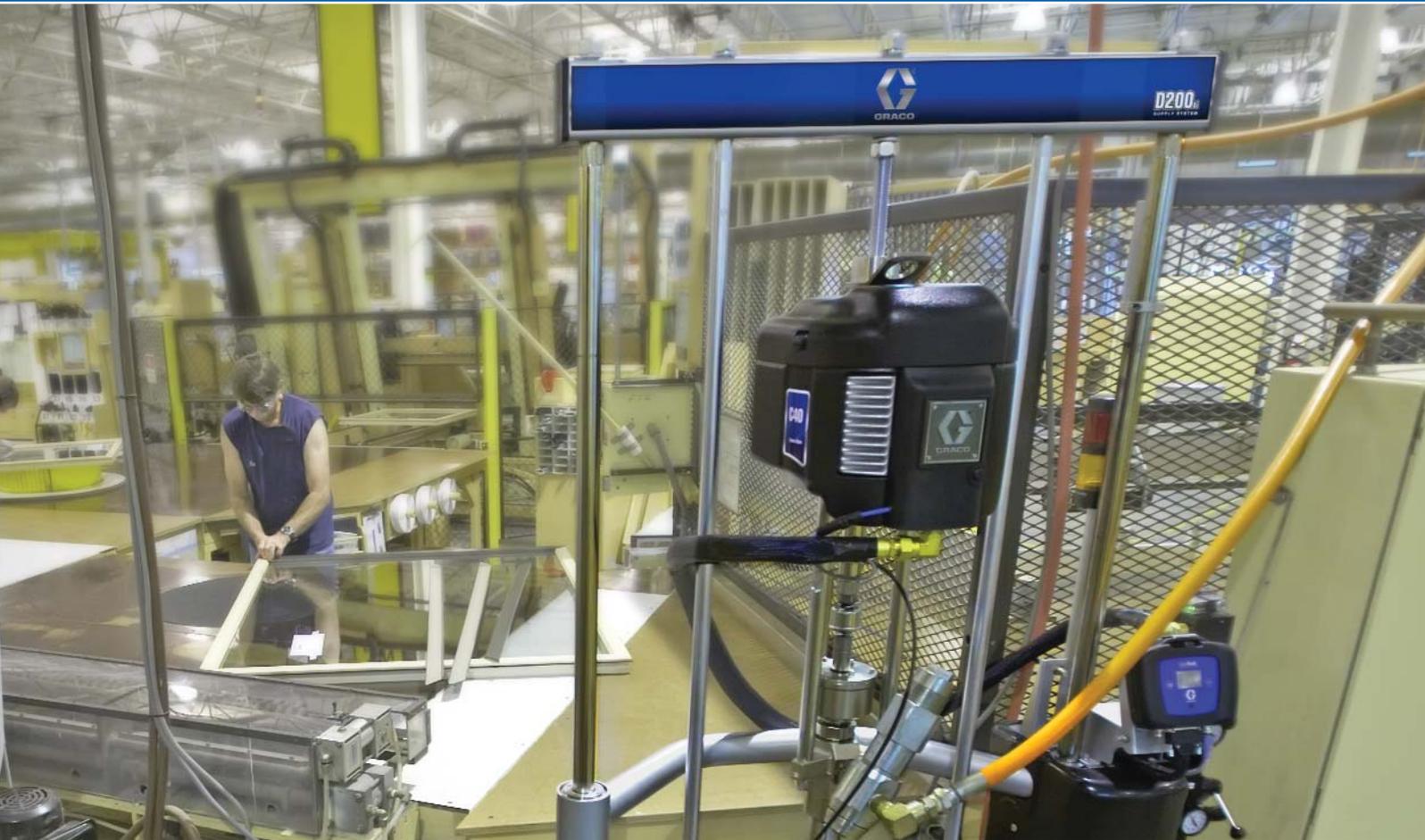




# Graco® Supply Systems

Sealant & Adhesive Supply Systems with NXT™ Technology



## The Next Generation of Bulk Supply Systems with NXT Technology

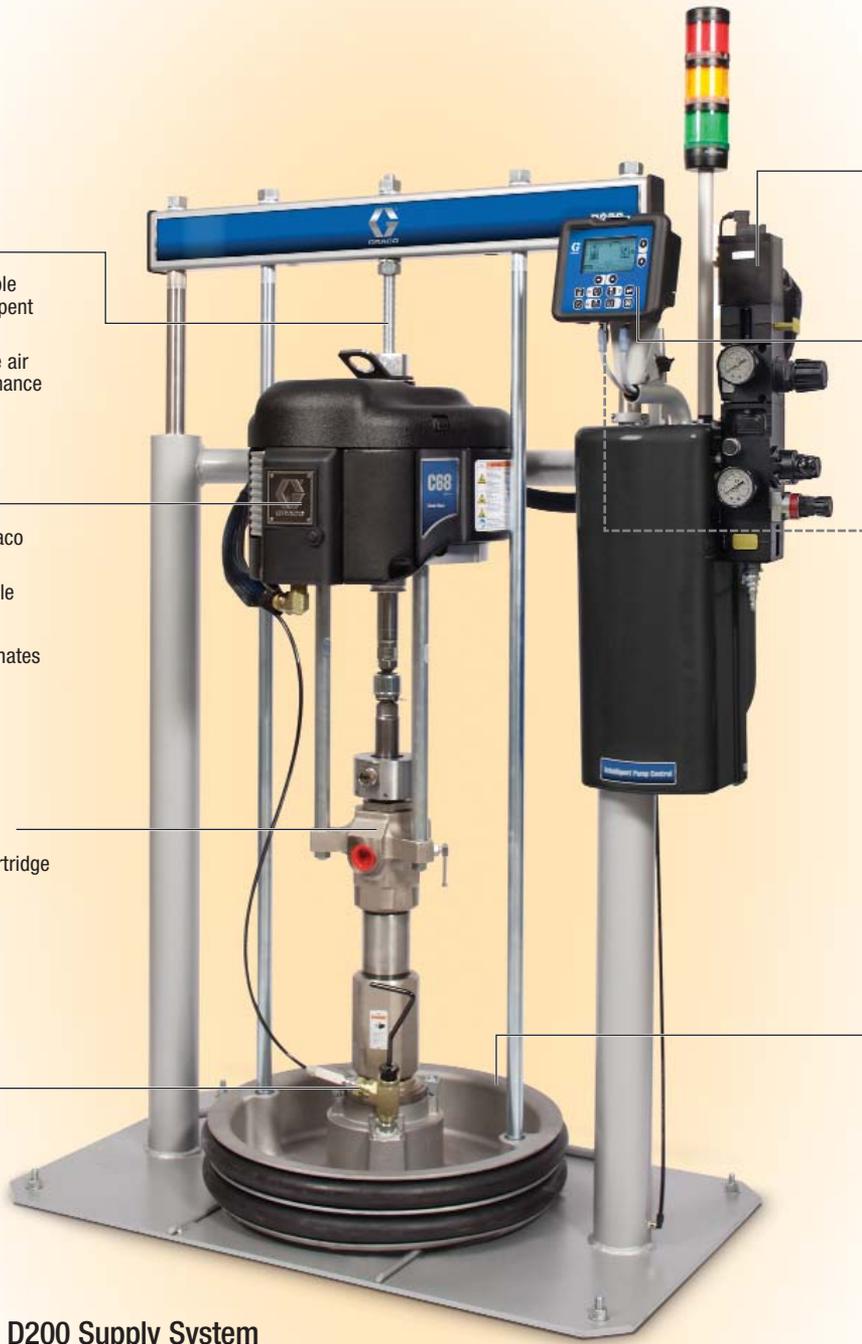
- Dispenses sealants, adhesives and other medium to high-viscosity materials
- Tested to outperform and outlast other rams on the market
- NXT Air Motor and Check-Mate® technologies set the industry standard for long-lasting durability
- Intuitive, easy-to-use, advanced pneumatic and electronic controls
- Provides material tracking, runaway control, electric crossover and more

PROVEN QUALITY. LEADING TECHNOLOGY.

# Graco Supply Systems with NXT Technology

## Discover the next generation of technology and performance

Graco Supply Systems can help maximize your plant's production capacity with innovative features, and new pump and air motor technologies. Its modular design simplifies maintenance, and its new technology improves process control.



**Easy to Service**

- Smart design and simple features reduce time spent on maintenance
- A turnbuckle raises the air motor for easy maintenance

**NXT Air Motor**

The next generation of Graco air motors

- Long-lasting and durable
- Easy to repair
- Modular air valve eliminates stalling

**MaxLife® Check-Mate® Pump**

Modular design makes cartridge packings easy to replace

**Integrated Drum Air Blow-Off**

Reduces downtime with quick, easy drum changes

**Integrated Air Controls**

- Conveniently located — easy to see, easy to use

**Tandem Control**

Provides automatic crossover and advanced features for improved process efficiency and control

**DataTrak™ Control**

- Tracks material usage and flow
- Provides pump runaway protection
- Supports preventative maintenance strategies

**Platen Design**

- Minimizes leftover material and reduces waste
- Easy drum replacement keeps production moving
- Long-lasting, one-piece platen seals are easy to replace

**DataTrak™**  
ELECTRONIC MONITORING SYSTEM

Graco D200 Supply System

# Designed to Reduce Your Cost of Ownership



## Raising the bar in ease of use and cost of ownership

Graco Supply Systems have been thoughtfully designed with features that minimize maintenance and streamline normal everyday operations. In addition, Graco Supply Systems are built with high-quality parts for longer life and reliability.

### Features that reduce your cost of ownership:

- Standard Severe Duty® coatings and seals are engineered to outlast the competition
- Optional MaxLife coatings and seals double the life of the standard offering
- NXT Air Motor is the new standard in air motor durability, lasting ten times longer than the King air motor
- Common and shared parts throughout rams and air motors provide low carrying costs, even when multiple configurations are used within a plant
- Optional enclosed wet cup protects seals from contamination and allows recirculation, significantly extending seal life
- Electric tandem systems significantly reduce downtime, thanks to advanced monitoring and control of critical factors, all provided through a simple, easy-to-use graphic interface

### Features that make Graco Supply Systems easier to use:

- Drum stops and rails, plus optional roller, allow quick, easy, accurate placement of drum or pail
- Xtreme® quick-disconnect coupler, turnbuckle mount, and pump cartridge packings let you service the pump without removing the pump from the ram
- One-piece platen wipers last longer than ever before and can be replaced in seconds
- Integrated air controls offer easy-to-see, easy-to-use control in one location
- Intuitive electronic user interfaces give the operator immediate and important information at the touch of a button
- Optional low/empty sensors and light tower lets the operator know the status from a distance, signaling when drum changes are needed
- Optional electric tandem filter monitoring and electric depressurization allow complete control over the tandem system

### Applications:

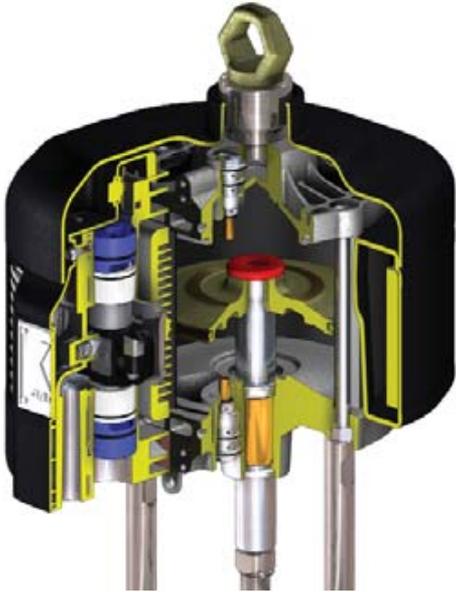
- Material transfer
- Packaging and re-packaging
- Window and door manufacturing
- High-volume feeding
- Automotive body shop and paint shop
- Manufactured housing

### Materials:

- Urethanes
- Epoxies
- Acrylics
- Silicones
- Lubricants
- Lithographic inks
- Polysulfides
- Specialty resins
- Autobody sealer
- PVC
- Butyl
- Latex

# Reliable. Easy to Use. Easy to Service.

## NXT Air Motor – the next generation of Graco air motors



### Reduced Icing and Noise

Patented exhaust manifold reduces noise and icing — up to 50% quieter than previous models

### Rugged Polymer Body Armor

Won't rust or dent

### Modular Design

For easier maintenance

## Check-Mate Pump – a time-tested, proven performer

### NEW Xtreme Coupler

Quick-disconnect coupler for easy maintenance

### Replaceable Outlet Fitting

Reduces repair costs

### Piston Valve with Floating Piston Seal

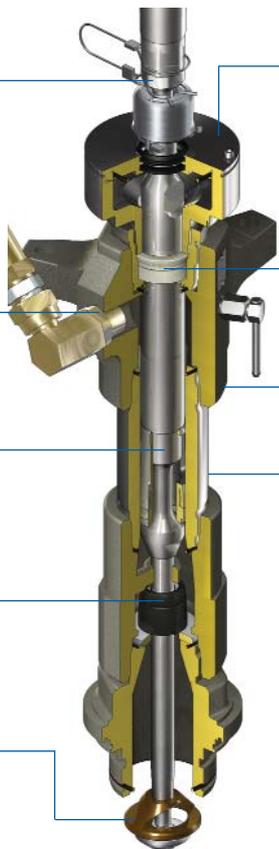
For maximum pressure balance over a range of material viscosities

### Replaceable Seat

Minimizes service costs

### Floating Priming Plate

Provides uniform flow



### NEW Optional Enclosed Wet Cup

- Prevents seal contamination and allows recirculation
- Reduces maintenance and extends seal life

### NEW Cartridge Throat Packings

Allows for easy servicing without removing from ram

### Cast Outlet and Inlet Housing

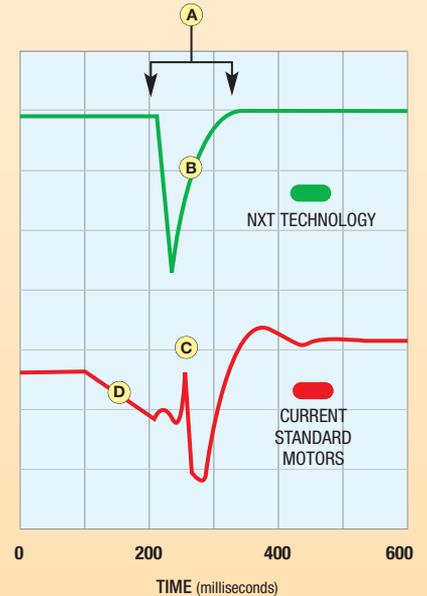
Improves structural integrity

### Hard Part Coatings

- Standard Severe Duty coating on rods and cylinder maximizes wear life
- NEW optional MaxLife coating doubles pump life over standard offering

## NXT Technology: Less pulsation for better results

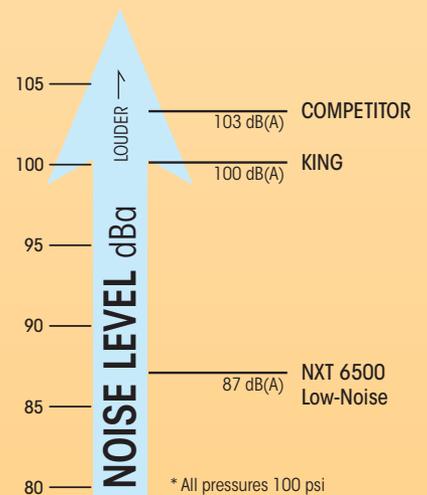
NXT Air Motor technology provides a smooth, rapid changeover for a more consistent bead and less downtime.



- A** Less than  $\frac{1}{15}$  of a second changeover!
- B** Quick changeover and recovery with less pulsation
- C** Pressure spike at changeover
- D** Longer changeover causing pulsation

## Noise-reduction technology

The quiet, low-noise NXT Air Motor operates around 87 decibels, while other comparable motors operate up to 103 dB(A).



\* All pressures 100 psi

# Advanced Controls – The Rules Have Changed

## Graco Control Architecture – so advanced, it's simple

### DataTrak Control. For more control than ever before.



Graco Supply Systems are available with DataTrak, a first-of-its-kind, “intelligent” integrated electronic monitoring system. Here’s how DataTrak puts you in control:

- **Tracks and displays material usage** and volumetric flow, and tells you how much material is left in the drum. With an accurate, unbiased measurement of flow, DataTrak helps assure quality control.
- **Provides pump diagnostics** for better maintenance. DataTrak tracks material throughput, which indicates when it's time for routine maintenance. It also provides lower diagnostics and lets you know whether the lower is diving in the up or down stroke – a good indication that packings or balls are starting to wear, or the pump lower needs to be cleaned.
- **Provides pump runaway protection** by monitoring pump speed. DataTrak automatically shuts the pump off when material runs out or if a hose breaks.

### Tandem Display Module. For improved efficiency and control.

Take total control of your tandem configuration with the Tandem Display Module and Fluid Control Module.



#### The Tandem Display Module:

- Provides automatic electric crossover that switches over to the second ram when material reaches a certain level or problems occur. Because it relies on electronic sensors (not pneumatics), you have a system that's more reliable. In addition, an optional light tower lets you know system status from across the plant.

#### The Fluid Control Module:

- Tracks filter pressure and monitors the filter to warn you of potential rips or plugs (optional).
- Allows electronic control of depressurization and recirculation.
- Provides automatic crossover if problems occur.



### Integrated Air Controls

- Modular design
- Placed in one, convenient, easy-to-use location
- Optional two-button interlock
- One-touch blow-off provides easy drum replacement

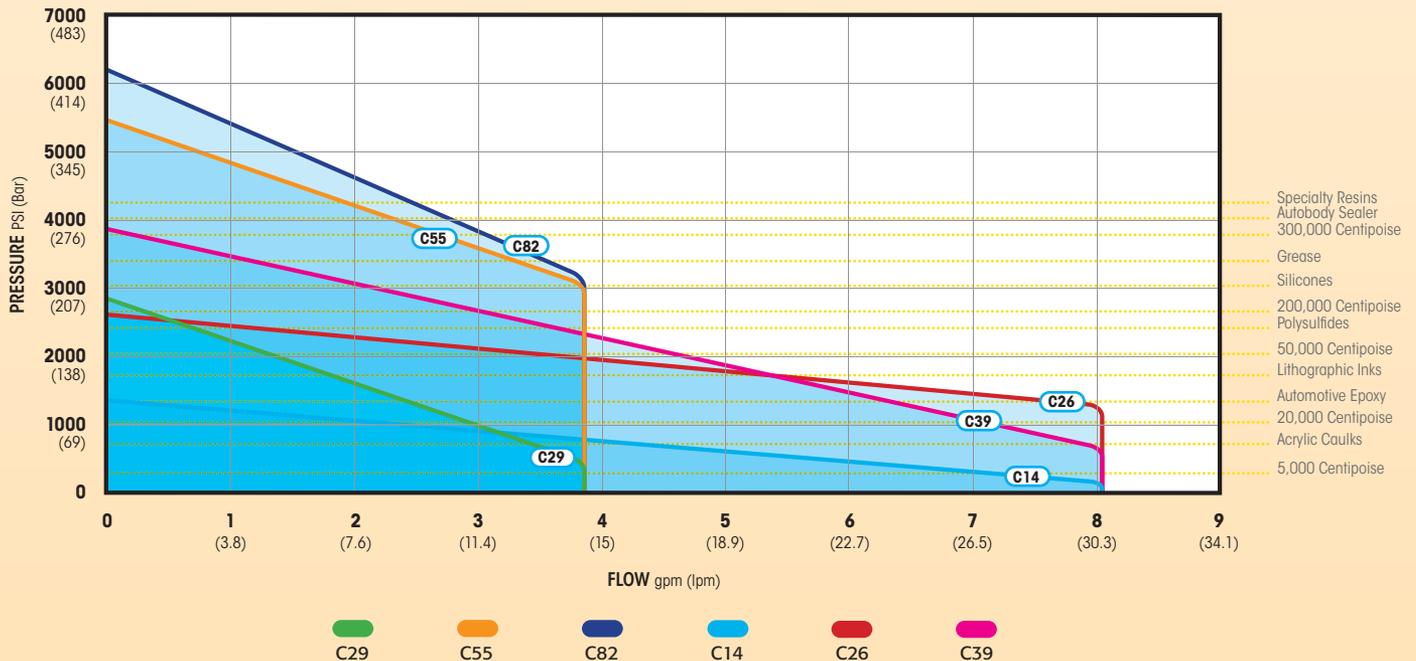
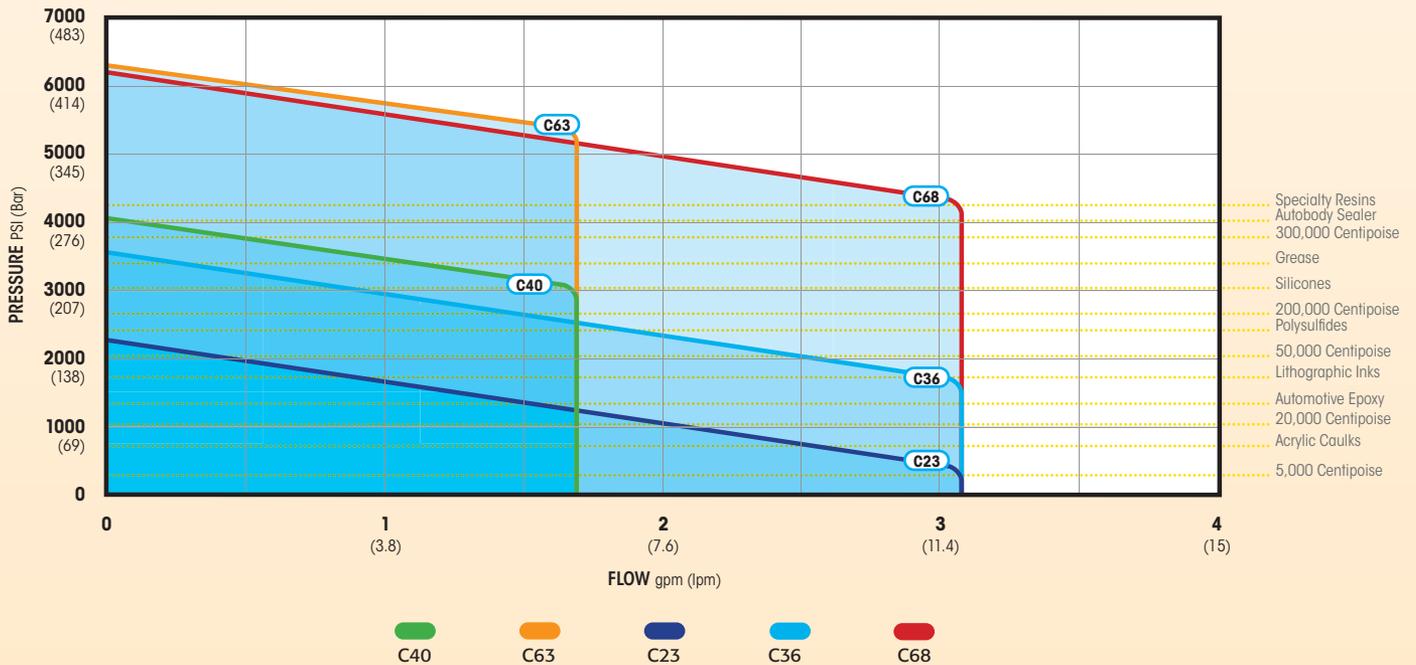


# Selecting the Right Graco Supply System

## How to choose the right pump for your material

Use these charts to select the Check-Mate pump that's right for your material

- 1) Select your material type (urethane, epoxy, acrylic, silicone, etc.) and its viscosity
- 2) Select your flow rate
- 3) Choose a Graco Supply System based on where these points intersect



# A Full Line of Systems



**S20c** – 3-in Single Post Cart



**S20** – 3-in Single Post



**D30**  
3-in Dual Post 30 L



**D200** – 3-in Dual Post 200 L  
**D200i** – 3-in Dual Post with  
2-button interlock (not shown)



**D200s** – 6.5-in Dual Post  
**D200si** – 6.5-in Dual Post with  
2-button interlock (not shown)

| Technical Specifications        |            |           |              |      |                   |   | S20 and S20c | D30                           | D200 and D200i                           | D200s and D200si  |                         |                |
|---------------------------------|------------|-----------|--------------|------|-------------------|---|--------------|-------------------------------|--|-------------------|-------------------------|----------------|
| Available Platens:              |            |           |              |      |                   |   | 20 l (5 gal) | 20 l (5 gal),<br>30 l (7 gal) | 20 l (5 gal),<br>30 l (7 gal),<br>30 gal | 200 l<br>(55 gal) | 30 l (7 gal),<br>30 gal | 200 l (55 gal) |
| Pump                            | Pump Ratio | Air Motor | GPM @ 60 cpm | PSI  | Available in SST? |   |              |                               |  |                   |                         |                |
| C40                             | 40:1 100cc | NXT2200   | 1.7          | 4000 | No                | • | •            | •                             | •  | •                 | •                       |                |
| C63                             | 63:1 100cc | NXT3400   | 1.7          | 6300 | No                | • | •            | •                             | •  | •                 | •                       |                |
| C23                             | 23:1 200cc | NXT2200   | 3.0          | 2300 | Yes               | • | •            | •                             | •  | •                 | •                       |                |
| C36                             | 36:1 200cc | NXT3400   | 3.0          | 3600 | Yes               | • | •            | •                             | •  | •                 | •                       |                |
| C68                             | 68:1 200cc | NXT6500   | 3.0          | 6200 | Yes               |   | •            | •                             | •  | •                 | •                       |                |
| C29                             | 29:1 250cc | NXT3400   | 3.8          | 2900 | Yes               |   | •            | •                             | •  | •                 | •                       |                |
| C55                             | 55:1 250cc | NXT6500   | 3.8          | 5500 | Yes               |   | •            | •                             | •  | •                 | •                       |                |
| C82                             | 82:1 250cc | Premier   | 3.8          | 6200 | Yes               |   |              |                               |  |                   | •                       |                |
| C14                             | 14:1 500cc | NXT3400   | 8.0          | 1400 | Yes               |   |              |                               | •  |                   | •                       |                |
| C26                             | 26:1 500cc | NXT6500   | 8.0          | 2600 | Yes               |   |              |                               | •  |                   | •                       |                |
| C39                             | 39:1 500cc | Premier   | 8.0          | 3900 | Yes               |   |              |                               |  |                   | •                       |                |
| <b>Available with DataTrak?</b> |            |           |              |      |                   |   | No           | No                            | Yes                                      | Yes               | Yes                     | Yes            |
| <b>Available in Tandem?</b>     |            |           |              |      |                   |   | No           | No                            | E, P*                                    | E, P*             | E, P*                   | E, P*          |
| <b>Operation Manual</b>         |            |           |              |      |                   |   | 312371       | 312371                        | 312371                                   | 312371            | 312371                  | 312371         |
| <b>Repair Manual</b>            |            |           |              |      |                   |   | 312373       | 312373                        | 312373                                   | 312373            | 312373                  | 312373         |

\*Electric and Pneumatic

## Available Wiper Seals

**20l (5 gal)** platen: Buna-N, PTFE, PVC

**30l (7 gal)** platen: Buna-N

**30 gal** platen: EPDM

**200l (55 gal)\*** platen: EPDM, Neoprene

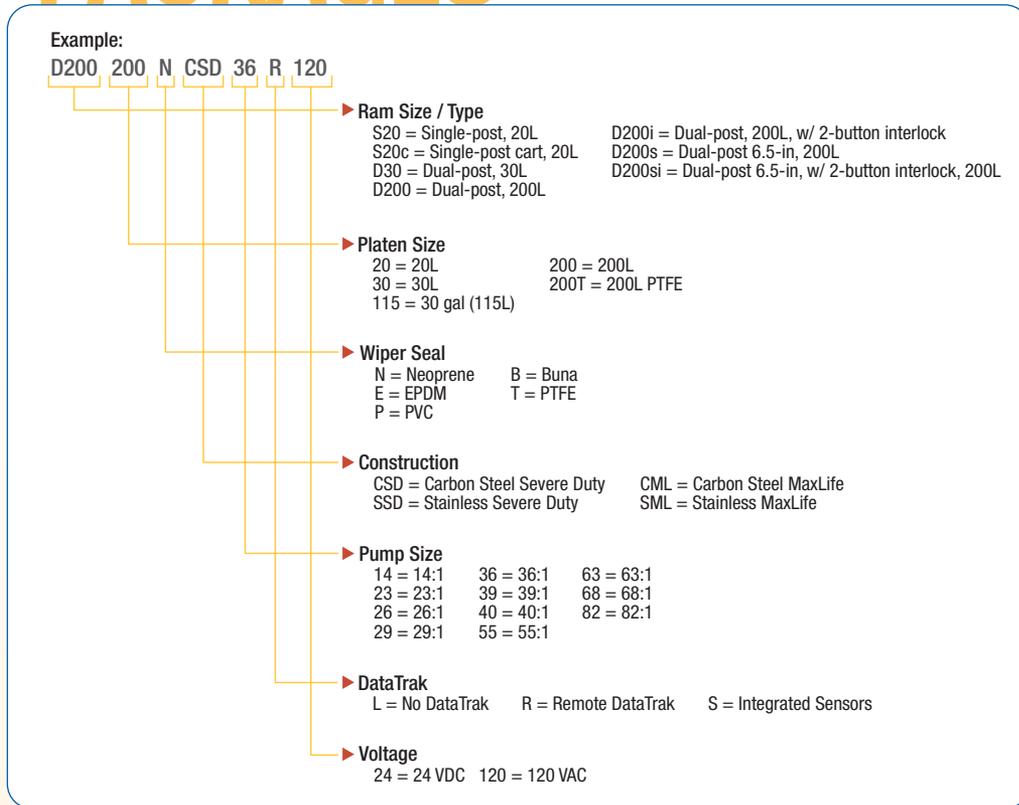
\* Also available with PTFE coating

# Configurators

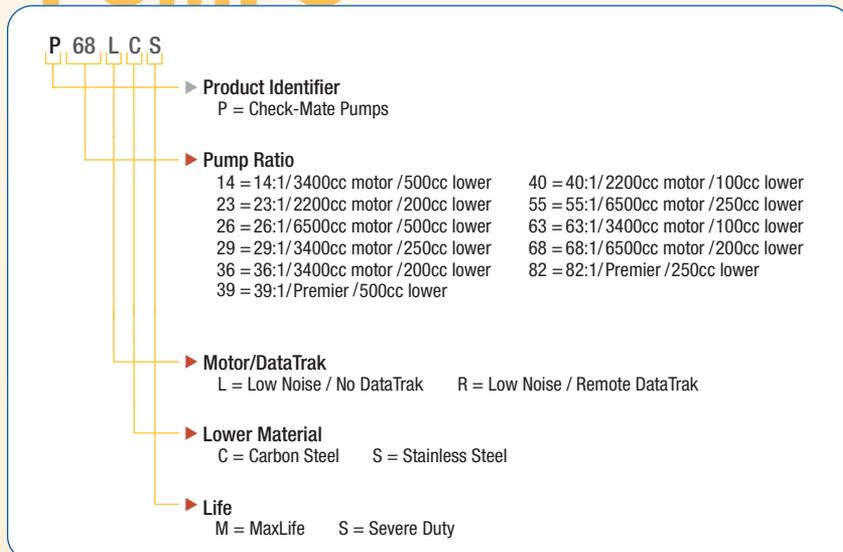
## Use the Smart Numbering System!

Graco's Smart Numbering System helps you simplify the ordering process. Just follow the diagrams below to select the parts you want. You'll have your order built easily and accurately in no time!

# PACKAGES



# PUMPS



## Check-Mate Pumps

Do you require carbon steel (CS) or stainless steel (SST) wetted parts?

- Carbon Steel: recommended for butyls, epoxies, PVC, silicones, urethanes
- Stainless Steel: recommended for acrylics, waterbornes

All Check-Mate pumps have Ultra-High Molecular Weight Polyethylene (UHMWPE) and PTFE or leather packings. For urethanes and some silicones, an optional all-PTFE packing kit is available. Contact your local Graco distributor for assistance, if required.

Available wiper materials include: nitrile and neoprene, EPDM rubber and PVC.

# TANDEMS

D200, 200, N, CSD, 68, E, 120, N, N

- ▶ **Ram Size / Type**  
 S20 = Single-post, 20L capacity    D200 = Dual-post, 200L capacity  
 D30 = Dual-post, 30L capacity       D200s = Dual-post 6.5 in, 200L capacity
- ▶ **Platen Size**  
 20 = 20L    200 = 200L  
 30 = 30L    200T = 200L PTFE  
 60 = 60L
- ▶ **Wiper Seal**  
 N = Neoprene    P = PVC  
 E = EPDM        B = Buna
- ▶ **Construction**  
 CSD = Carbon Steel Severe Duty    CML = Carbon Steel MaxLife  
 SSD = Stainless Severe Duty        SML = Stainless MaxLife
- ▶ **Pump Size**  
 14 = 14:1    36 = 36:1    63 = 63:1  
 23 = 23:1    39 = 39:1    68 = 68:1  
 26 = 26:1    40 = 40:1    82 = 82:1  
 29 = 29:1    55 = 55:1
- ▶ **X-Over Type**  
 E = Electric                            P = Pneumatic
- ▶ **Voltage**  
 24 = 24 VDC                            120 = 120 VAC
- ▶ **Filter**  
 Y = Yes    N = No
- ▶ **Depressurization**  
 Y = Yes    N = No

# LOWERS

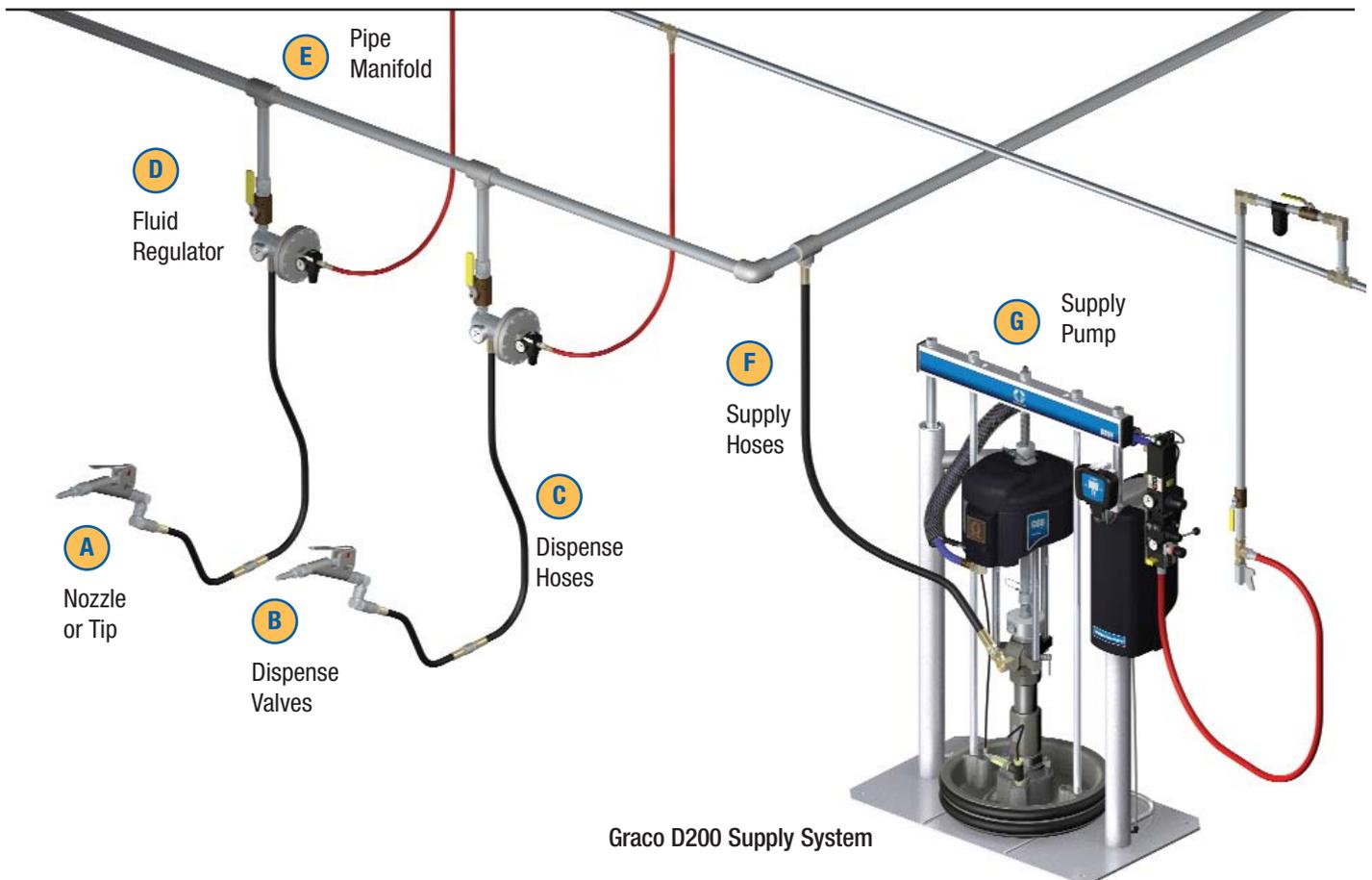
L, 200, C, S

- ▶ **Product Identifier**  
 L = Check-Mate Lowers
- ▶ **Lower Volume**  
 100 = 100cc Check-Mate  
 200 = 200cc Check-Mate  
 250 = 250cc Check-Mate  
 500 = 500cc Check-Mate
- ▶ **Lower Material**  
 C = Carbon Steel  
 S = Stainless Steel
- ▶ **Life**  
 M = MaxLife  
 S = Severe Duty

# Selection Guide

## Other factors to consider when choosing a supply system

| Major Components:  | A  | B  | C   | D   | E   | F  | G  |
|--------------------|--|--|---|---|---|--|--|
|                    | Nozzle or Tip  | Dispense Valves  | Dispense Hoses  | Fluid Regulators  | Pipe Manifold   | Supply Hoses   | Supply Pumps   |
| Selection Factors: | <ul style="list-style-type: none"> <li>• Size, shape and type of fluid flow pattern</li> </ul>                       | <ul style="list-style-type: none"> <li>• Usage                             <ul style="list-style-type: none"> <li>- Manual</li> <li>- Automatic</li> <li>- Robotic</li> <li>- Shot</li> </ul> </li> <li>• Pressure</li> <li>• Volume</li> </ul>                | <ul style="list-style-type: none"> <li>• Viscosity</li> <li>• Volume</li> <li>• Length</li> <li>• Pressure</li> <li>• Flexibility</li> <li>• Chemical compatibility</li> </ul>  | <ul style="list-style-type: none"> <li>• Viscosity</li> <li>• Pressure</li> <li>• Volume</li> <li>• Chemical compatibility</li> </ul> | <ul style="list-style-type: none"> <li>• Volume</li> <li>• Pressure</li> <li>• Location</li> <li>• Drops</li> <li>• Chemical compatibility</li> </ul> | <ul style="list-style-type: none"> <li>• Viscosity</li> <li>• Volume</li> <li>• Length</li> <li>• Pressure</li> <li>• Chemical compatibility</li> </ul>  | <ul style="list-style-type: none"> <li>• Container size</li> <li>• Volume</li> <li>• Viscosity</li> <li>• Pump location</li> <li>• Chemical compatibility</li> </ul>                                     |
| Equipment Options: | <ul style="list-style-type: none"> <li>• Nozzles</li> <li>• Tips</li> <li>• Extensions</li> <li>• Brushes</li> </ul> | <ul style="list-style-type: none"> <li>• Mechanical gun</li> <li>• Pneumatic gun</li> <li>• Nozzle                             <ul style="list-style-type: none"> <li>- Extrusion</li> <li>- Spray</li> <li>- Length</li> <li>- Orifice</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Steel, SST</li> <li>• Pipe JIC</li> <li>• Flexible hoses                             <ul style="list-style-type: none"> <li>- PTFE</li> <li>- Buna</li> <li>- Nylon</li> <li>- Moisture-Lok</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Mastic regulator</li> <li>• Pressure compensating valve</li> </ul>                           | <ul style="list-style-type: none"> <li>• Steel</li> <li>• SST</li> <li>• Pipe</li> <li>• Tubing</li> <li>• Sizes</li> </ul>                           | <ul style="list-style-type: none"> <li>• Steel, SST</li> <li>• Pipe, JIC</li> <li>• Flexible hoses                             <ul style="list-style-type: none"> <li>- PTFE</li> <li>- Buna</li> <li>- Nylon</li> <li>- Moisture-Lok</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Priming piston</li> <li>• Double ball</li> <li>• Ram mount</li> <li>• 5 g, 55 g wiper plates</li> <li>• Drum empty options</li> <li>• Auto crossover</li> </ul> |



Graco D200 Supply System

# Ordering Information

## Accessories

### Common Accessories

|        |  |
|--------|--|
| C59518 | Pump Outlet Check Valve Kit (includes elbow, check valve, and union)             |
| 222780 | Floor Stand  |
| C59547 | High Pressure Filter (includes 6000 psi, 30 mesh filter and two pressure gauges) |
| C07063 | Ball Valve - 3/4-in npt, 4500 psi  |
| C07048 | Ball Valve - 1/2-in npt, 5800 psi  |
| 223689 | Plastic Shield - 20L (10-pack)   |
| 222792 | Plastic Shield - 200L (10-pack)  |

### D30 Accessories

|        |                                 |
|--------|---------------------------------|
| 918430 | Low-level kit with Beacon light |
| 918414 | Mobile Platform Kit             |
| C31197 | Hose Support Kit                |

### D200 Series Accessories

|        |   |
|--------|---|
| 255477 | Drum Stop Kit                                   |
| 255627 | Drum Roller Kit                                 |
| C32463 | Saddle Clamps (D200s and D200si only)           |
| 918395 | Heavy-Duty Drum Clamp Kit (D200s & D200si only) |
| 918397 | Clamshell Drum Holder Kit (D200s & D200si only) |
| 255469 | Low/Empty Sensor Kit                            |
| 255675 | Pneumatic Cross-over Kit - 3-in ram             |

|        |                                       |
|--------|---------------------------------------|
| 255676 | Pneumatic Cross-over Kit - 6.5-in ram |
| 255691 | 55 gal Platen Cover                   |
| 255703 | Enclosed Wet Cup Recirculation Kit    |
| 255650 | Air Controls                          |

### DataTrak and Electric Tandem Accessories

|        |   |
|--------|---|
| 255704 | Remote DataTrak Kit - D200              |
| 255705 | Remote DataTrak Kit - D200s             |
| 255706 | Tandem A-side Kit - D200                |
| 255708 | Tandem B-side Kit - D200                |
| 255707 | Tandem A-side Kit - D200s               |
| 255709 | Tandem B-side Kit - D200s               |
| 255468 | Tandem Light Tower Kit                  |
| 255467 | DataTrak Light Tower Kit                |
| 255457 | Tandem Depressurization Kit             |
| 255458 | Tandem Depressurization Kit - Stainless |
| 255415 | Remote DataTrak Module                  |
| 255336 | Tandem Display Module                   |
| 255721 | Fluid Control Module                    |
| 255721 | Tandem Ram Software                     |
| 121226 | CAN cable (0.4 m)                       |
| 121227 | CAN cable (0.6 m)                       |
| 121228 | CAN cable (15 m)                        |

## Check-Mate Loweres

| Part # | Lower material  | Coating     | Available Seal Kits |        |        |        |          |               | Enclosed Wet cup |
|--------|-----------------|-------------|---------------------|--------|--------|--------|----------|---------------|------------------|
|        |                 |             | Enclosed wet cup    | Throat | Piston | Intake | Complete | PTFE Complete |                  |
| L100XX | Carbon Steel    | Severe Duty | None                | 255523 | 255533 | 255539 | 255507   | 255692        | 255696           |
| L100XX | Carbon Steel    | MaxLife     | 255618              | 255524 | 255533 | 255540 | 255508   | 255692        | 255696           |
| L200XX | Stainless       | Severe Duty | None                | 255526 | 255535 | 255542 | 255511   | 255693        | 255700           |
| L200XX | Stainless       | MaxLife     | 255619              | 255527 | 255535 | 255623 | 255512   | 255693        | 255700           |
| L200XX | Carbon Steel    | Severe Duty | None                | 255525 | 255534 | 255541 | 255509   | 255693        | 255697           |
| L200XX | Carbon Steel    | MaxLife     | 255619              | 255527 | 255534 | 255622 | 255510   | 255693        | 255697           |
| L250XX | Stainless Steel | Severe Duty | None                | 255529 | 255537 | 255545 | 255515   | 255694        | 255701           |
| L250XX | Stainless Steel | MaxLife     | 255620              | 255530 | 255537 | 255546 | 255516   | 255694        | 255701           |
| L250XX | Carbon Steel    | Severe Duty | None                | 255528 | 255536 | 255543 | 255513   | 255694        | 255698           |
| L250XX | Carbon Steel    | MaxLife     | 255620              | 255530 | 255536 | 255544 | 255514   | 255694        | 255698           |
| L500XX | Stainless       | Severe Duty | None                | 255531 | 255538 | 255549 | 255519   | 255695        | 255702           |
| L500XX | Stainless       | MaxLife     | 255621              | 255532 | 255538 | 255550 | 255520   | 255695        | 255702           |
| L500XX | Carbon Steel    | Severe Duty | None                | 255531 | 255538 | 255547 | 255517   | 255695        | 255699           |
| L500XX | Carbon Steel    | MaxLife     | 255621              | 255532 | 255538 | 255548 | 255518   | 255695        | 255699           |

## Platens

| Size Liters (gal) | Available Wiper Seals | Assembled Platen | Replacement Wiper Kit |
|-------------------|-----------------------|------------------|-----------------------|
| 20 (5)            | Buna-N                | 255416 (255655)  | 184420                |
| 20 (5)            | Buna-N                | 255417 (255656)  | 184420                |
| 20 (5)            | PTFE                  | 255418 (255657)  | 184552                |
| 20 (5)            | PTFE                  | 255322 (255658)  | 184552                |
| 20 (5)            | PVC                   | 255659           | C03064                |
| 30 (7)            | Buna-N                | 255420           | None                  |
| 30 gal            | EPDM                  | 255421           | 255654                |
| 200 (55) (PTFE)   | EPDM                  | 255664           | 255653                |
| 200 (55)          | EPDM                  | 255663           | 255653                |
| 200 (55)          | Neoprene              | 255662           | 255652                |



## ABOUT GRACO

### PROVEN QUALITY. LEADING TECHNOLOGY.

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.

## GRACO LOCATIONS

### MAILING ADDRESS

P.O. Box 1441  
Minneapolis, MN 55440-1441  
Tel: 612.623.6000  
Fax: 612.623.6777

### AMERICAS

#### MINNESOTA

Worldwide Headquarters  
Graco Inc.  
88-11th Avenue N.E.  
Minneapolis, MN 55413

### EUROPE

#### BELGIUM

European Headquarters  
Graco N.V.  
Industrieterrein-Oude Bunders  
Slakweidestraat 31  
3630 Maasmechelen,  
Belgium  
Tel: 32.89.770.700  
Fax: 32.89.770.777

### ASIA PACIFIC

#### AUSTRALIA

Graco Australia Pty Ltd  
P.O. Box 558  
Level 2 / 541 Blackburn Rd.  
Mount Waverley VIC 3149  
Australia  
Tel: 61.3.9550.0848  
Fax: 61.3.9550.0816

#### CHINA

Graco Fluid Equipment  
(Shanghai) Co. Ltd.  
Room 118 1st Floor  
No.2 Xin Yuan Building  
No.509 Cao Bao Road  
Shanghai, P.R. China 200233  
Tel: 86.21.649.50088  
Fax: 86.21.649.50077

### INDIA

Graco Hong Kong Ltd.  
India Liaison Office  
Room 103, Level 4, Augusta Point  
Golf Course Road  
Gurgaon, Haryana, India 122001  
Tel: +91.124.435.4208  
Fax: +91.124.435.4001

### JAPAN

Graco K.K.  
1-27-12 Hayabuchi  
Tsuzuki-ku  
Yokohama City, Japan 2240025  
Tel: 81.45.593.7300  
Fax: 81.45.593.7301

### KOREA

Graco Korea Inc.  
Choheung Bank Building  
4th Floor #1599  
Gwanyang-Dong, Dongan-Ku,  
Anyang-Si, Gyunggi-Do,  
Korea 431-060  
Tel: 82(Korea).31.476.9400  
Fax: 82(Korea).31.476.9801

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North America  
Industrial Customer Service  
800-328-0211  
FAX 877-340-6427