



Graco® Supply Systems

Sealant & Adhesive Supply Systems with NXT™ Technology



The Next Generation of Bulk Supply Systems with NXT Technology

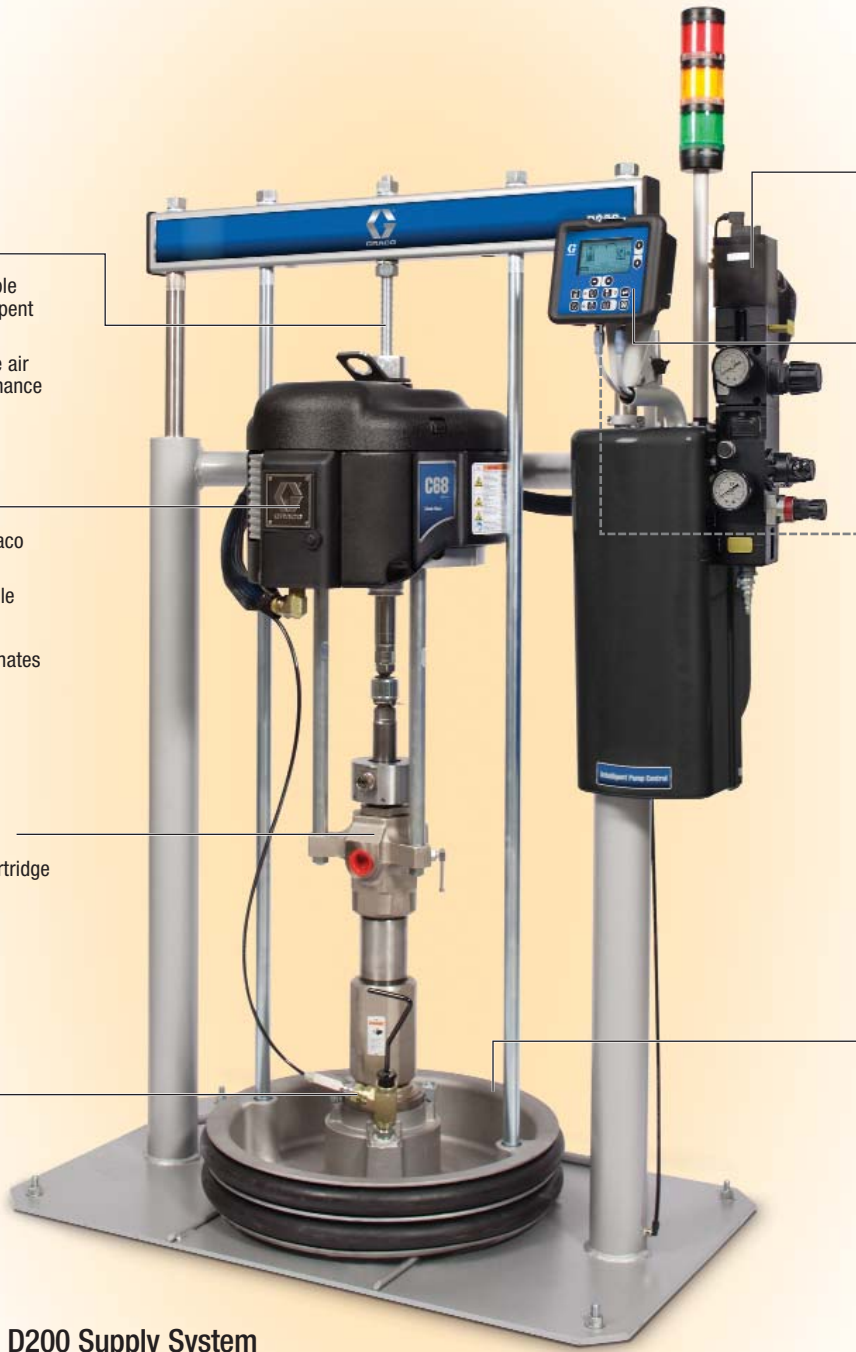
- Dispenses sealants, adhesives and other medium to high-viscosity materials
- Tested to outperform and outlast other rams on the market
- NXT Air Motor and Check-Mate® technologies set the industry standard for long-lasting durability
- Intuitive, easy-to-use, advanced pneumatic and electronic controls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

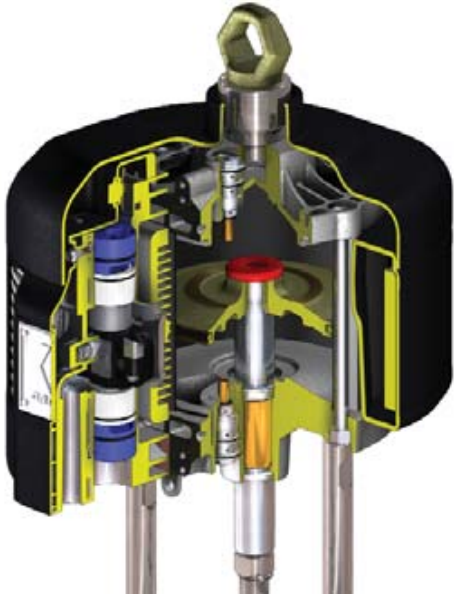
- Material transfer
- Packaging and re-packaging
- Window and door manufacturing
- High-volume feeding
- Automotive body shop and paint shop
- Manufactured housing

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

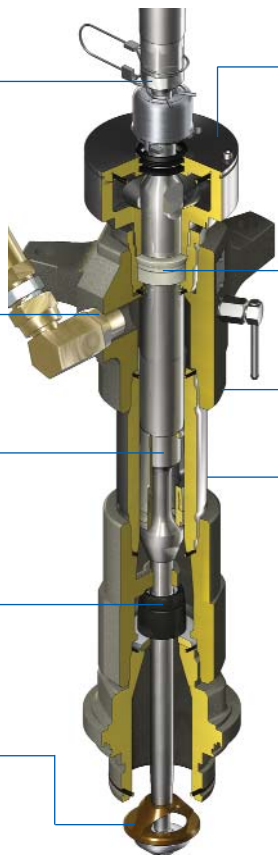
For maximum pressure balance over a range of material viscosities

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

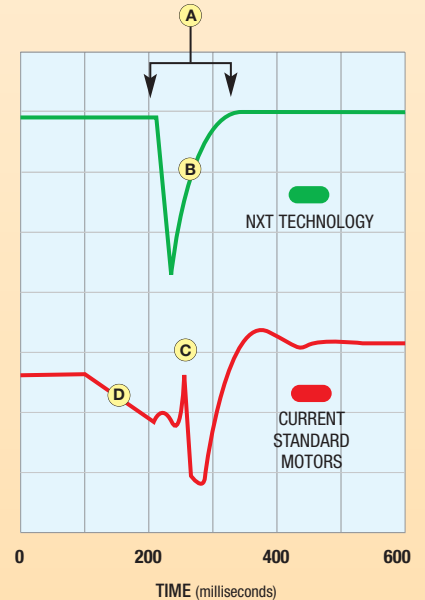
Improves structural integrity

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

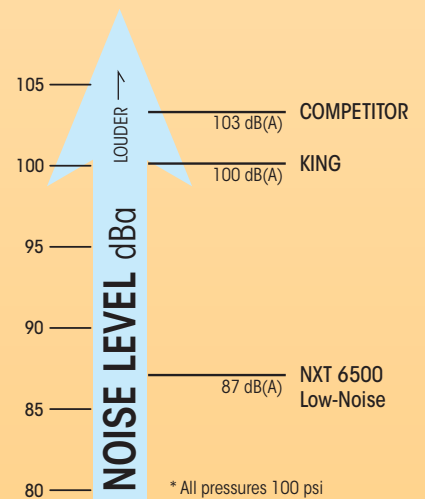
NXT Air Motor technology provides a smooth, rapid changeover for a more consistent bead and less downtime.



- 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

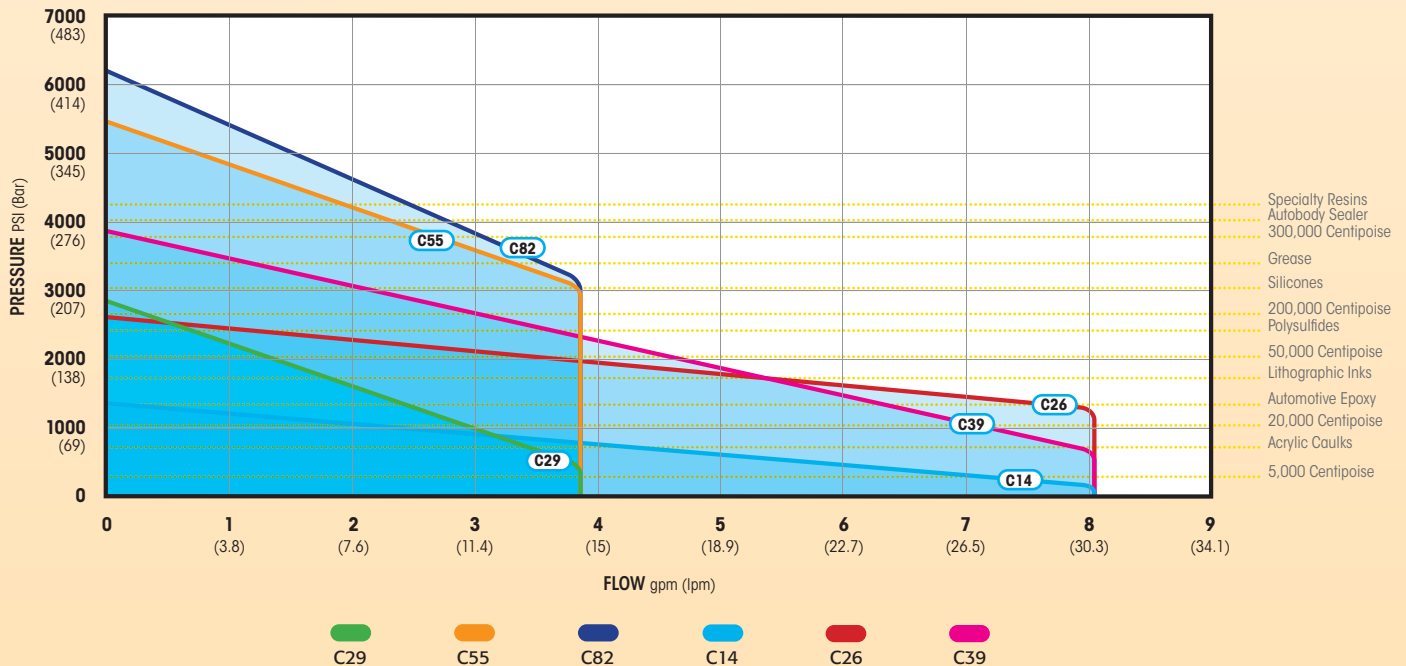
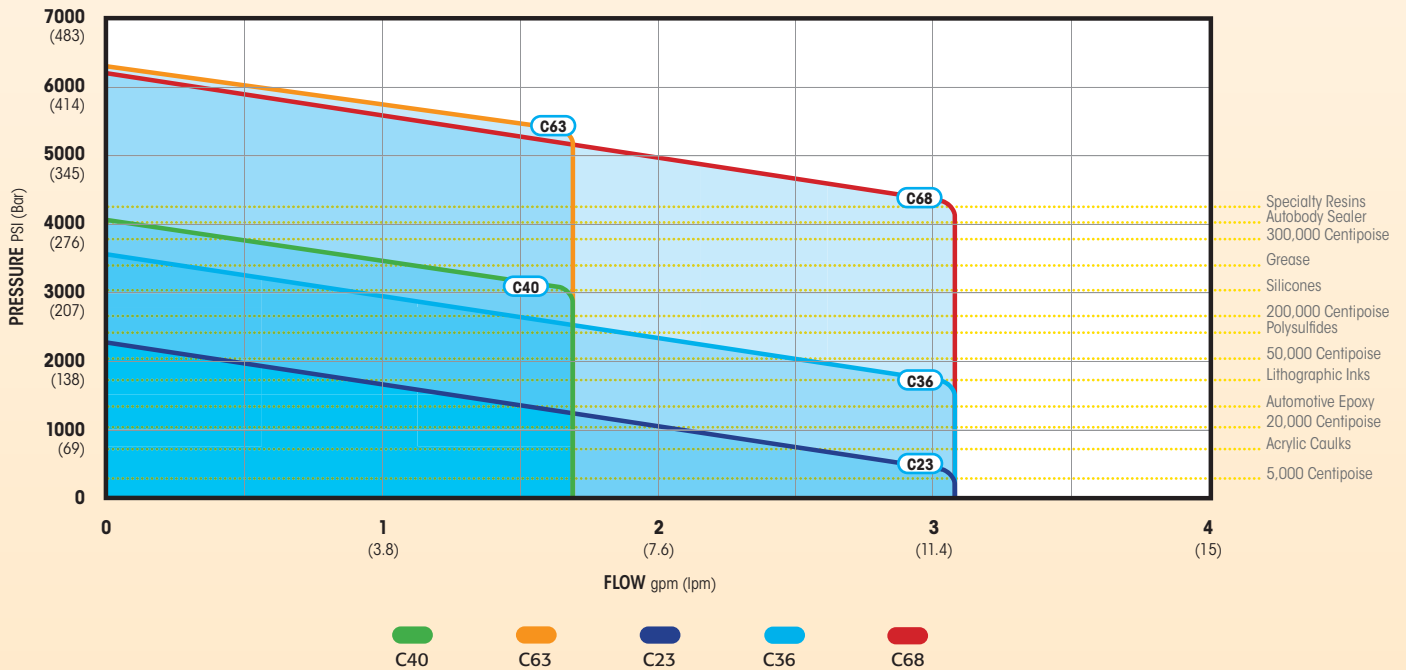


Selecting the Right Graco Supply System

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), 30 l (7 gal)	20 l (5 gal), 30 l (7 gal), 30 gal	200 l (55 gal)	30 l (7 gal), 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						•	
Available with DataTrak?							No	No	Yes	Yes	Yes	Yes
Available in Tandem?							No	No	E, P*	E, P*	E, P*	E, P*
Operation Manual							312371	312371	312371	312371	312371	312371
Repair Manual							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

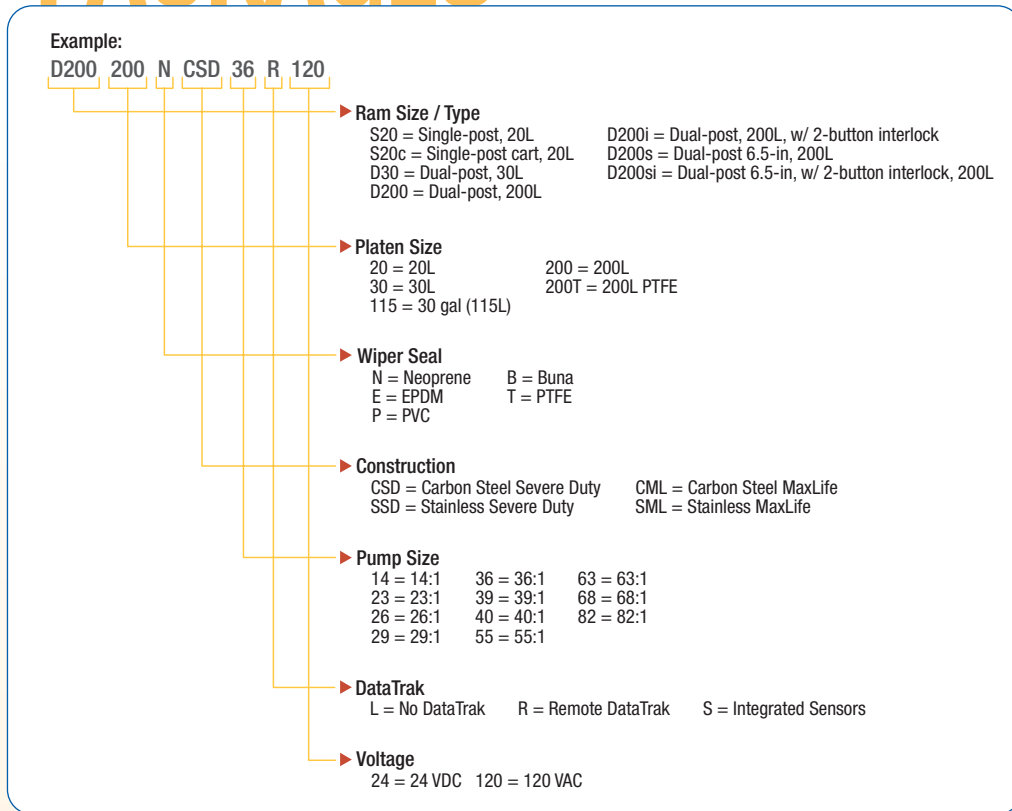
* Also available with PTFE coating

Configurators

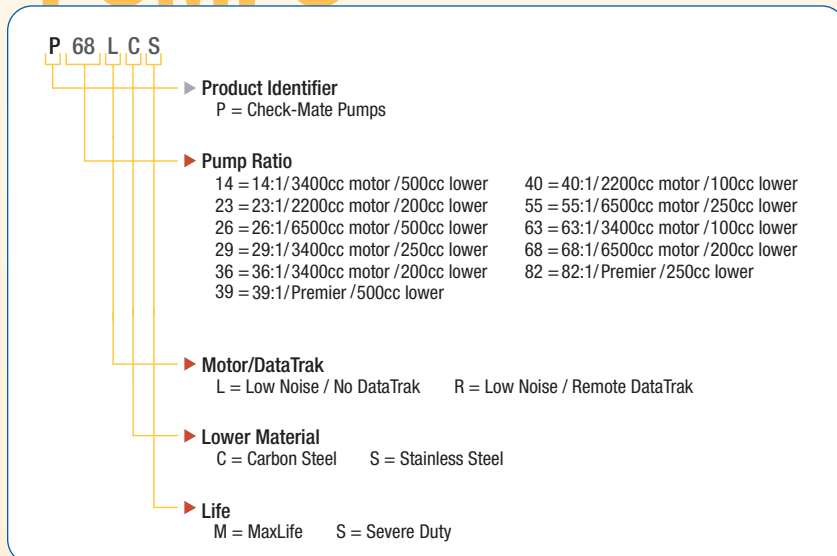
Use the Smart Numbering System!

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

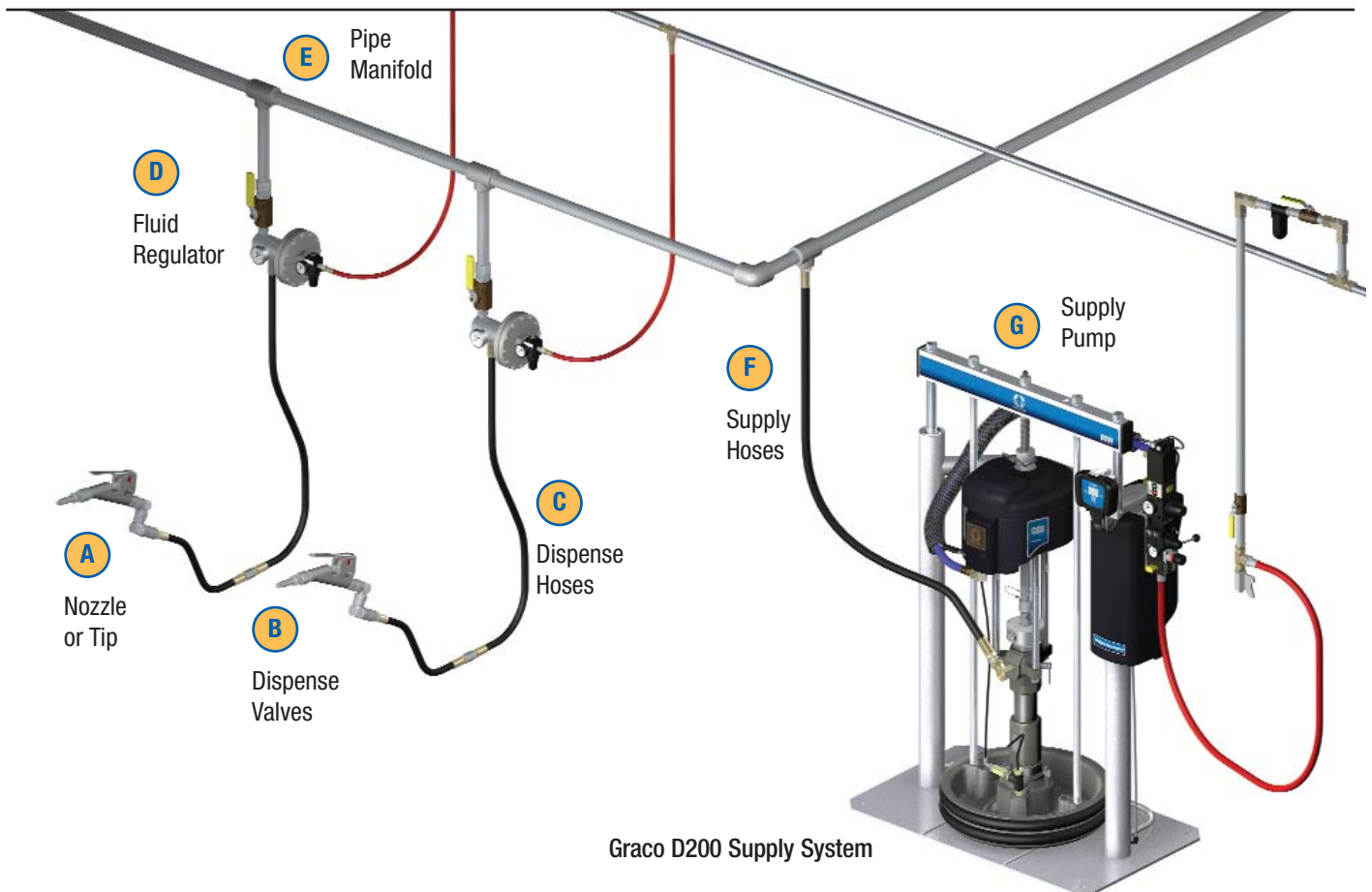
L, 200, C, S

- ▶ **Product Identifier**
 L = Check-Mate Lower
- ▶ **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"> • Size, shape and type of fluid flow pattern 	<ul style="list-style-type: none"> • Usage <ul style="list-style-type: none"> - Manual - Automatic - Robotic - Shot • Pressure • Volume 	<ul style="list-style-type: none"> • Viscosity • Volume • Length • Pressure • Flexibility • Chemical compatibility 	<ul style="list-style-type: none"> • Viscosity • Pressure • Volume • Chemical compatibility 	<ul style="list-style-type: none"> • Volume • Pressure • Location • Drops • Chemical compatibility 	<ul style="list-style-type: none"> • Viscosity • Volume • Length • Pressure • Chemical compatibility 	<ul style="list-style-type: none"> • Container size • Volume • Viscosity • Pump location • Chemical compatibility
Equipment Options:	<ul style="list-style-type: none"> • Nozzles • Tips • Extensions • Brushes 	<ul style="list-style-type: none"> • Mechanical gun • Pneumatic gun • Nozzle <ul style="list-style-type: none"> - Extrusion - Spray - Length - Orifice 	<ul style="list-style-type: none"> • Steel, SST • Pipe JIC • Flexible hoses <ul style="list-style-type: none"> - PTFE - Buna - Nylon - Moisture-Lok 	<ul style="list-style-type: none"> • Mastic regulator • Pressure compensating valve 	<ul style="list-style-type: none"> • Steel • SST • Pipe • Tubing • Sizes 	<ul style="list-style-type: none"> • Steel, SST • Pipe, JIC • Flexible hoses <ul style="list-style-type: none"> - PTFE - Buna - Nylon - Moisture-Lok 	<ul style="list-style-type: none"> • Priming piston • Double ball • Ram mount • 5 g, 55 g wiper plates • Drum empty options • Auto crossover



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