

Graco® Supply Systems

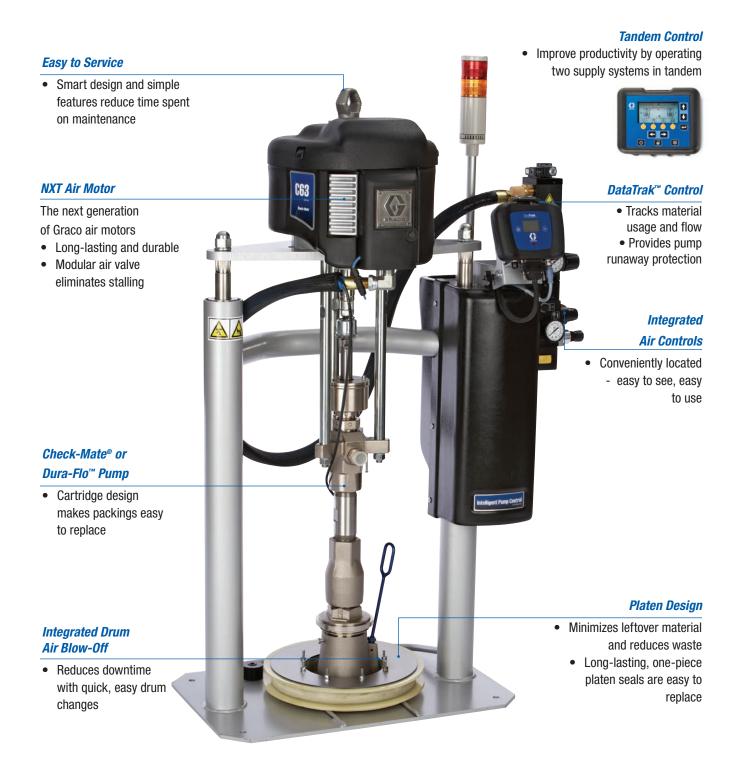
Sealant and Adhesive Supply Systems with NXT™ Technology



Graco Supply Systems with NXT Technology

Discover the next generation of bulk supply systems

Graco Supply Systems reliably deliver one-component sealants, adhesives and other medium to high-viscosity materials from pails or drums to metering and dispensing systems. Designed with innovative features plus advanced pump and air motor technologies, Graco Supply Systems help maximize your plant's production capacity.



Designed to Reduce Your Cost of Ownership



Features that reduce your cost of ownership:

- Optional MaxLife® coatings and seals triple the life of the standard offering
- Durable NXT Air Motor lasts ten times longer than its predecessor
- Common and shared parts throughout rams and air motors provide low carrying costs, even when multiple configurations are used within a plant
- Electric tandem systems significantly reduce downtime with advanced monitoring and control systems

Features that make Graco Supply Systems easy to use:

- Quick placement of drum or pail
- Integrated air controls offer easy-to-see, easy-to-use controls
- Intuitive user interface
- Platen wipers can be replaced in seconds
- Pump's quick-disconnect coupler, turnbuckle mount and pump cartridge packings let you service the pump without removing it from the ram
- Optional sensors and light tower let operator know when it's time to change the drum
- Optional electric tandem filter monitoring and electric depressurization allow complete control over the tandem system

Minimize maintenance and streamline operations

Because Graco Supply Systems are engineered and built with high-quality parts, you reduce maintenance time, maximize uptime, and benefit from longer equipment life.

A complete line of Graco Supply Systems



L20c

Lightweight, elevator ram on a cart. For low-volume applications of low-viscosity materials that do not require extra pressure.

Air controls raise pump up, gravity forces platen down. Easy-to-move cart for added mobility. Ideal for construction sites.



S20

For low-volume in-plant applications of medium to high-viscosity materials.

May be used as a feed package in

May be used as a feed package in more complex systems.



S20c

Offers the same features and benefits as the S20, but includes a cart for added mobility.



D60

For medium to high-viscosity materials. Provides higher downforce and larger pail capacity than the S20.



D200

For high-volume in-plant applications of medium to high-viscosity materials.



D200s

For heavy-duty, high-volume applications of high-viscosity materials. Larger 6.5-in ram posts provide more down-force for difficult-to-move materials.

A Full Line of Supply Systems







Technical specifications

MODELS	L20C	\$20	S20C	
Platens	20 L (5 gal)	20L (5 gal)	20L (5 gal)	
	Wiper Seals Polyurethane, PTFE, Nitrile	Wiper Seals Polyurethane, PTFE, Nitrile	Wiper Seals Polyurethane, PTFE, Nitrile	
Check-Mate Pumps	C5 / C11 / C20 / C38 / C61	C5 / C11 / C20 / C23 / C36 C38 / C40 / C61 / C63	C5 / C11 / C20 / C23 / C36 C38 / C40 / C61 / C63	
Dura-Flo Pumps	Not available	Not available	Not available	
DataTrak Control	Not available	Not available	Not available	
Tandem Display	Not available	Pneumatic	Not available	
Operation Manual	313526	313526	313526	
Operation Manual Tandem	Not available	313528	Not available	
Repair Manual	313527	313527	313527	
Repair Manual Tandem	Not available	313529	Not available	







Technical specifications

MODELS	D	60 AND D6	0i		D2	00 and D2	200i		D200s an	d D200si
Platens	20 L (5 gal) Wiper Seals Polyurethane, PTFE, Nitrile	30L (7 gal) Wiper Seals Polyurethane, PTFE, Nitrile	60 L (16 gal) Wiper Seals Polyurethane, PTFE, Nitrile	20L (5 gal) Wiper Seals Polyure- thane, PTFE, Nitrile	30 L (7 gal) Wiper Seals Polyure- thane, PTFE, Nitrile	60 L (16 gal) Wiper Seals Polyure- thane, PTFE, Nitrile	114 L (30 gal) Wiper Seals Polyure- thane, PTFE, Nitrile	200 L (55 gal) Wiper Seals Polyure- thane, PTFE, Nitrile	30L (5 gal) Wiper Seals Polyurethane, PTFE, Nitrile	20 L (5 gal) Wiper Seals Polyurethane, PTFE, Nitrile
Check-Mate Pumps	C23 C29 C36 C40 C55 C63 C68	C23 C29 C36 C40 C55 C63 C68	C23 C29 C36 C40 C55 C63 C68	C5 C11 C20 C23 C29 C36 C38 C40 C55 C61 C63 C68	C5 C11 C20 C23 C29 C36 C38 C40 C55 C61 C63 C68	C5 C11 C20 C23 C29 C36 C38 C40 C55 C61 C63 C68	C5 C11 C20 C23 C29 C36 C38 C40 C55 C61 C63 C68	C5 C11 C20 C23 C29 C36 C38 C40 C55 C61 C63 C68	C23 C29 C36 C40 C55 C63 C68	C23 C29 C36 C40 C55 C63 C68 C82 C14 C26 C39
Dura-Flo Pumps	D30 D31 D46 D57	D30 D57			D30 D57		D31 D46	D12 D15 D22 D30 D31 D32 D40 D45 D46 D57		D34 D44 D67
DataTrak Control	Available				Available				Available	
Tandem Display	Available			Available				Available		
Operation Manual	313526			313526				313526		
Op. Man. Tandem	313528			313528				313528		
Repair Manual		313527				313527			313	527
Rep. Man. Tandem		313529			,	313529			313	529

Advanced Controls - The Rules Have Changed

Advanced, intuitive controls

The electronic controls on Graco Supply Systems help you monitor and control critical factors through an easy-to-use interface.



Tandem Display Module. Improved efficiency and control.

The Tandem Display Module allows you to configure your supply systems to operate in tandem for better productivity and improved uptime.

- Automatic electric crossover eliminates downtime – you get double the material volume before you need to change drums or pails
- Easy user interface puts the operator in total control
- Only one Tandem Display Module needed for two systems

DataTrak Control. More control than ever.

Graco Supply Systems are available with DataTrak, an "intelligent" integrated electronic monitoring system.

DataTrak puts you in control by:

- Tracking and displaying material usage and volumetric flow, telling you how much material is left in the drum
- Providing pump diagnostics, indicating when it's time for routine maintenance
- Providing pump runaway protection by monitoring pump speed and automatically shutting off the pump





Platen and Wiper Options

A modular approach gives you added flexibility

Graco platens are designed with a modular approach. You can easily interchange platen components if you need to switch pail sizes or materials. Choose flat or dual flat wipers for 20, 30 or 60-liter pail sizes or o-ring wiper style for 200-liter drums.



Platen with flat single wiper



Platen with flat dual wiper

Platen ordering information

Assembled Platens (single wiper)

257727	20 I (5-gal) Nitrile
257728	20 I (5-gal) Polyurethane
257729	20 I (5-gal) PTFE
257732	30 I (7-gal) Nitrile
257733	30 I (7-gal) Polyurethane
257734	30 I (7-gal) PTFE
257737	60 I (16-gal) Nitrile
257740	60 I (16-gal) Polyurethane
257738	60 I (16-gal) PTFE

Assembled Platens (dual wiper)

257730	20 I (5-gal) Nitrile
257731	20 I (5-gal) Polyurethane
257735	30 I (7-gal) Nitrile
257736	30 I (7-gal) Polyurethane
257739	60 I (16-gal) Nitrile
257741	60 I (16-gal) Polyurethane
255661	114 I (30-gal) EPDM
255664	200 I (55-gal) Neoprene
255663	200 I (55-gal) EPDM
255662	200 I (55-gal) EPDM
	with PTFE-coated platen

Replacement Kits (single wiper)

257639	20 I (5-gal) Nitrile
257640	20 I (5-gal) Polyurethane
257641	20 I (5-gal) PTFE
257644	30 I (7-gal) Nitrile
257645	30 I (7-gal) Polyurethane
257646	30 I (7-gal) PTFE
257649	60 I (16-gal) Nitrile
257650	60 I (16-gal) Polyurethane
257651	60 I (16-gal) PTFE

Replacement Kits (dual wiper)

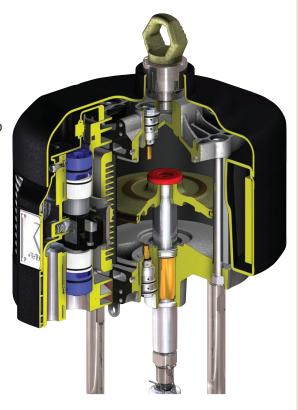
257642	20 I (5-gal) Nitrile
257643	20 I (5-gal) Polyurethane
257647	30 I (7-gal) Nitrile
257648	30 I (7-gal) Polyurethane
257652	60 I (16-gal) Nitrile
257653	60 I (16-gal) Polyurethane
255654	114 I (30-gal) EPDM
255652	200 I (55-gal) Neoprene
255653	200 I (55-gal) EPDM
255653	200 I (55-gal) EPDM
	with PTFF-coated platen

Graco Supply Systems with NXT Technology

NXT Air Motor – the next generation of Graco air motors

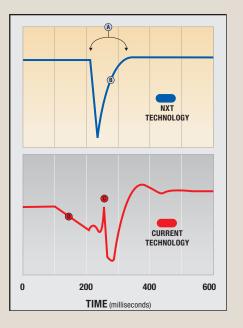
The NXT Air Motor provides long-lasting durability. In fact, the NXT Air Motor is proven to last 10 times longer than its predecessor, the Graco King®.

- Low air consumption for increased efficiency
- External valve access allows for easy servicing and online replacement to minimize downtime
- Patented exhaust manifold reduces noise and icing – up to 50% quieter than previous models



NXT Technology: Less pulsation for better results

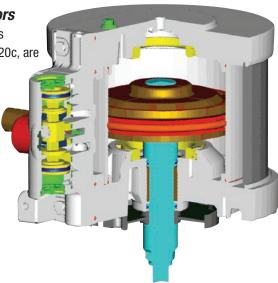
NXT Air Motor technology provides a smooth, rapid changeover for a more consistent bead and less downtime.



- (A) Less than 1/15 of a second changeover!
- B Quick changeover and recovery with less pulsation
- C Pressure spike at changeover
 - Longer changeover causing pulsation

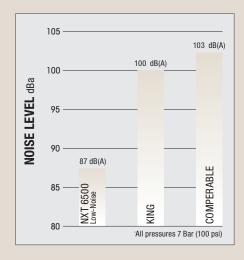
New small NXT Air Motors

Graco's line-up of smaller rams including the L20c, S20 and S20c, are available with smaller-size diameters.



Noise-reduction technology

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

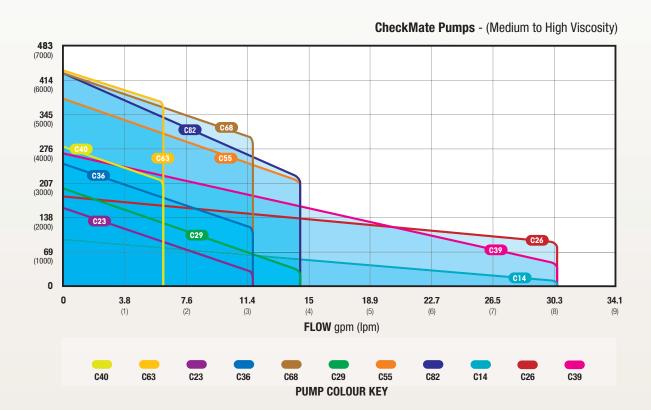


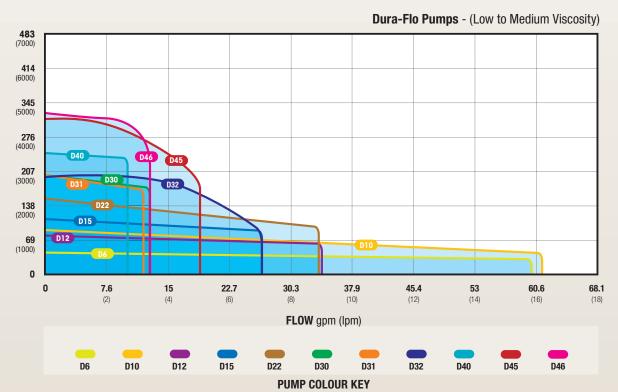
Selecting the Right Graco Supply System

How to choose the right pump for your material

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

- 1) Select your required outlet pressure
- 2) Select your flow rate
- 3) Choose a Graco Supply System based on where these points intersect





Reliable. Easy to Use. Easy to Service.

Check-Mate Pump – for medium to high-viscosity materials

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 triples pump life over standard offering

Dura-Flo Pump – for low to medium-viscosity materials

Quick-Disconnect Coupler

Reduces maintenance time

Manually Adjustable Wet Cup

Extends packing life by tightening packing nut

Cartridge Packings

Easily removable cartridge holds packings and allows for quick repairs



Stainless Steel Chrome Rod

Process provides over three times the life of chrome SST rods

High-Volume Piston

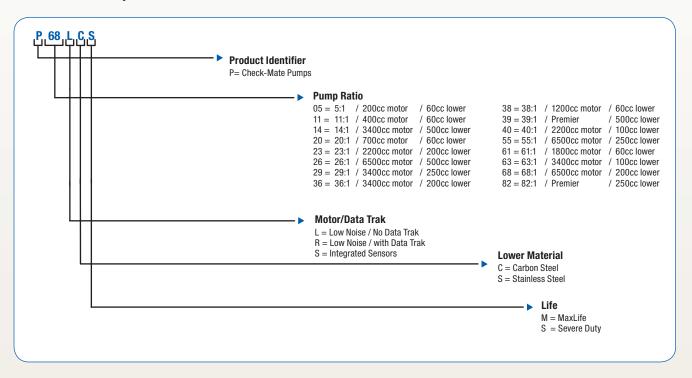
Improves flow for higher viscosity coatings

Pump Configurators and Specifications

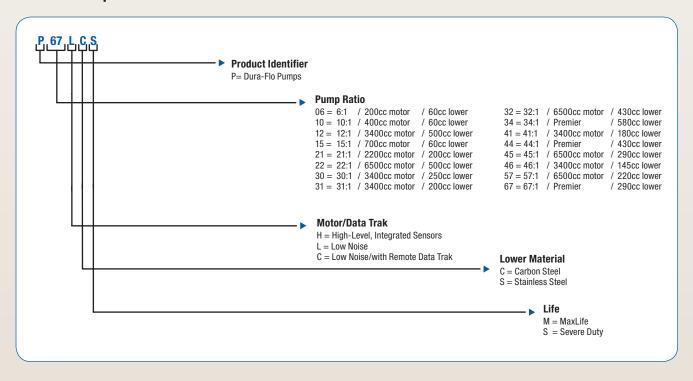
Use Graco's numbering system

Graco's 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.

Check-Mate Pumps



Dura-Flo Pumps

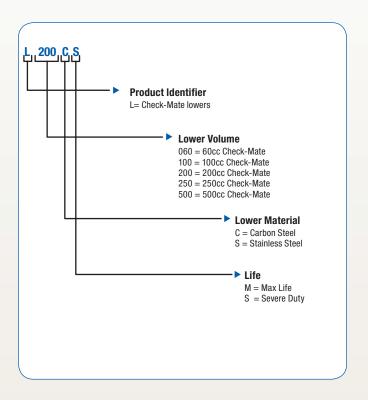


Check-Mate and Dura-Flo Pumps

All Check-Mate and Dura-Flo 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.

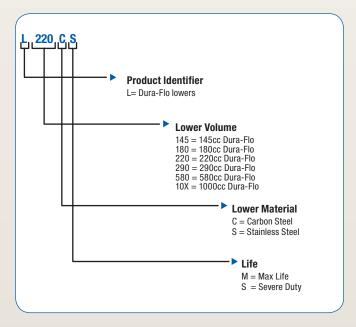
Check-Mate Lowers

Pump	LPM @60 CPM	Pump Ratio	Air Motor	BAR	CS	SST
C5	3,8	5:1 60cc	NXT200	34	Yes	Yes
C11	3,8	11:1 60cc	NXT400	75	Yes	Yes
C20	3,8	20:1 60cc	NXT700	140	Yes	Yes
C38	3,8	38:1 60cc	NXT1200	260	Yes	Yes
C61	3,8	61:1 60cc	NXT1800	420	Yes	Yes
C40	6,4	40:1 100cc	NXT2200	280	Yes	No
C63	6,4	63:1 100cc	NXT3400	435	Yes	No
C23	11,3	23:1 200cc	NXT2200	160	Yes	Yes
C36	11,3	36:1 200cc	NXT3400	250	Yes	Yes
C68	11,3	68:1 200cc	NXT6500	425	Yes	Yes
C29	14,3	29:1 250cc	NXT3400	200	Yes	Yes
C55	14,3	55:1 250cc	NXT6500	380	Yes	Yes
C82	14,3	82:1 250cc	Premier	425	Yes	Yes
C14	30,2	14:1 500cc	NXT3400	100	Yes	Yes
C26	30,2	26:1 500cc	NXT6500	180	Yes	Yes
C39	30,2	39:1 500cc	Premier	270	Yes	Yes

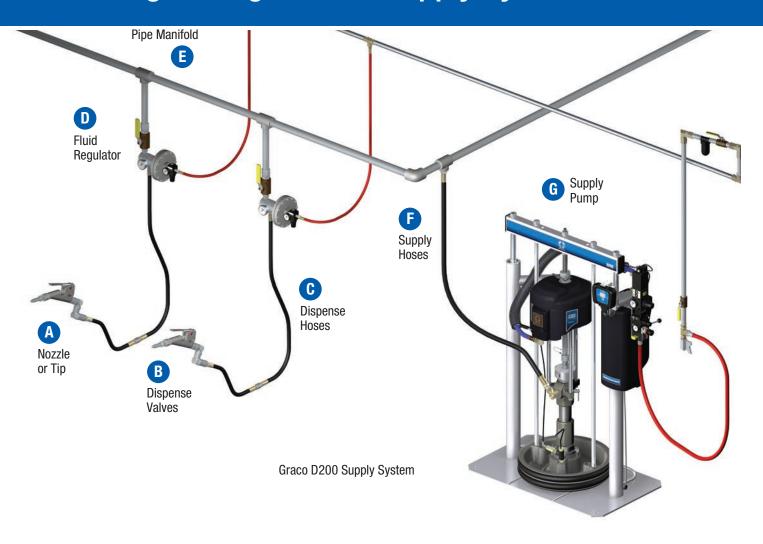


Dura-Flo Lowers

Pump	LPM @60 CPM	Pump Ratio	Air Motor	BAR	CS	SST
D31	8,7	31:1 145cc	NXT2200	215	Yes	No
D46	8,7	46:1 145cc	NXT3400	320	Yes	No
D21	12,8	21:1 220cc	NXT2200	145	Yes	Yes
D30	12,8	30:1 220cc	NXT3400	210	Yes	Yes
D57	12,8	57:1 220cc	NXT6500	395	Yes	Yes
D67	18,1	67:1 290cc	Premier	460	Yes	No
D15	26,1	15:1 430cc	NXT3400	105	Yes	No
D32	26,1	32:1 430cc	NXT6500	220	Yes	Yes
D44	26,1	44:1 430cc	Premier	305	Yes	Yes
D12	34,8	12:1 580cc	NXT3400	82	Yes	Yes
D22	34,8	22:1 580cc	NXT6500	150	Yes	Yes
D34	34,8	34:1 580cc	Premier	235	Yes	Yes
D10	59,8	10:1 1000cc	NXT6500	70	Yes	Yes



Selecting the Right Graco Supply System



Other factors to consider when choosing a supply system

	A	В	С	D	E	F	G
Major Components	Nozzle or Tip	Dispense Valves	Dispense Hoses	Fluid Regulators	Pipe Manifold	Supply Hoses	Supply Pumps
Selection Factors	Size, shape and type of fluid flow pattern	Usage - Manual - Automatic - Robotic - Shot Pressure Volume	Viscosity Volume Length Pressure Flexibility Chemical comptability	Viscosity Pressure Volume Chemical comptability	Volume Pressure Location Drops Chemical comptability	Viscosity Volume Length Pressure Chemical comptability	Container Size Viscosity Pump Location Chemical comptability
Equipment Options	Nozzles Tips Extensions Brushes	Mechanical gun Pneumatic gun Nozzle Extrusion Spray Length Orifice	Steel, SST Pipe, JIC Flexible hoses - PTFE - Buna - Nylon - Moisture-Lok	Mastic regulator Pressure compensating valve	• Steel • SST • Pipe • Tubing • Sizes	• Steel, SST • Pipe, JIC • Flexible hoses - PTFE - Buna - Nylon - Moisture-Lok	Priming piston Double ball Ram Mount Single or dual wipers Drum empty options Auto Crossover

Ordering Information

Accessories

Common Accessories

C59518 Pump Outlet Check Valve Kit

(includes elbow, check valve, and union)

222780 Floor Stand High Pressure Filter C59547

(includes 415 Bar (6000 psi), 30 mesh filter and two

pressure gauges)

C07063 Ball Valve - 3/4-in npt, 310 Bar (4500 psi) Ball Valve - 1/2-in npt, 400 Bar (5800 psi)

C07048 Plastic Shield - 20L (10-pack) 223689

Plastic Shield - 200L (10-pack) 222792

Outlet Check Kits

Used on stainless steel Check-Mate 60 and 100 257377

Displacement Pumps

255452 Used on carbon steel Check-Mate 100

Displacement Pumps

255453 Used on carbon steel Check-Mate 200 and 250

Displacement Pumps

Used on stainless steel Check-Mate 200 and 250 255454

Displacement Pumps

Used on carbon steel Check-Mate 500 255455

Displacement Pumps

Used on stainless steel Check-Mate 500 255456

Displacement Pumps

D200 Series Accessories

255477 Drum Stop Kit 255627

Drum Roller Kit C32463

Saddle Clamps (D200s only) 918395

Heavy-Duty Drum Clamp Kit (D200s only) 918397 Clamshell Drum Holder Kit (D200s only)

255469 Low/Empty Sensor Kit

255675 Pneumatic Crossover Kit - 3-in ram 255676 Pneumatic Crossover Kit - 6.5-in ram

255691 200L (55 gal) Platen Cover

255703 **Enclosed Wet Cup Recirculation Kit**

255650 Air Controls

DataTrak and Electric Tandem Accessories

257635 Remote DataTrak Kit, VAC - S20

257636 Remote DataTrak Kit, VDC - S20

255704 Remote DataTrak VAC Kit - D200 and D60

Remote DataTrak VAC Kit - D200s 255705

255757 Remote DataTrak VDC Kit - D200 and D60

255758 Remote DataTrak VDC Kit - D200s

255689 Low/empty Sensor Kit - D200s

255706 Tandem A-side VAC Kit - D200 and D60

Tandem B-side Kit - D200 and D60 255708

255759 Tandem A-side VDC Kit - D200 and D60

255760 Tandem A-side VDC Kit - D200s 255707 Tandem A-side VAC Kit - D200s

255709 Tandem B-side Kit - D200s

Pneumatic Crossover Kit - D200 255675

Pneumatic Crossover Kit - D200s 255676

257632 Pneumatic Crossover Kit - D60

Pneumatic Crossover Kit - S20 257633 255469

Low/empty Sensor Kit - D200 and D60 Low/empty Sensor Kit - S20 257634

255468 Tandem Light Tower Kit

255467 DataTrak Light Tower Kit Tandem Depressurization Kit 255457

255458 Tandem Depressurization Kit - Stainless

255415 Remote DataTrak Module

255336 Tandem Display Module

257915 Fluid Control Module - Tandem Ram

121226 CAN cable (0.4 m) 121227 CAN cable (0.6 m) CAN cable (15 m) 121228

Check-Mate and Dura-Flo Lowers

Check-Mate Lowers

			Available Seal Kits						
Part#	Lower Material	Coating	Enclosed Wet cup	Throat	Piston	Intake	Com- plete	PTFE complete	Enclosed
L060SS	Stainless Steel	Severe duty	None	255523	255533	256865	256866	None	255559
L060SM	Stainless Steel	MaxLife	255618	257558	255533	256868	256867	None	255559
L060CS	Carbon Steel	Severe duty	None	255523	255533	255539	255507	255507	255696
L060CM	Carbon Steel	MaxLife	255618	255524	255533	255540	255508	255692	255696
L100SS	Stainless Steel	Severe duty	None	255523	255533	256865	256866	None	255559
L100SM	Stainless Steel	MaxLife	255618	257558	255533	256868	256867	None	255559
L100CS	Carbon Steel	Severe duty	None	255523	255533	255539	255507	255692	255696
L100CM	Carbon Steel	MaxLife	255618	255524	255533	255540	255508	255692	255696
L200SS	Stainless Steel	Severe duty	None	255526	255535	255542	255511	255693	255700
L200SM	Stainless Steel	MaxLife	255619	255527	255535	255623	255512	255693	255700
L200CS	Carbon Steel	Severe duty	None	255525	255534	255541	255509	255693	255697
L200CM	Carbon Steel	MaxLife	255619	255527	255534	255622	255510	255693	255697
L250SS	Stainless Steel	Severe duty	None	255529	255537	255545	255515	255694	255701
L250SM	Stainless Steel	Maxlife	255620	255530	255537	255546	255516	255694	255701
L250CS	Carbon Steel	Severe duty	None	255528	255536	255543	255513	255694	255698
L250CM	Carbon Steel	Maxlife	255620	255530	255536	255544	255514	255694	255698
L500SS	Stainless Steel	Severe duty	None	255531	255538	255549	255519	255695	255702
L500SM	Stainless Steel	Maxlife	255621	255532	255538	255550	255520	255695	255702
L500CS	Carbon Steel	Severe duty	None	255531	255538	255547	255517	255695	255699
L500CM	Carbon Steel	Maxlife	255621	255532	255538	255548	255518	255695	255699

Dura-Flo Lowers

Part #	Lower Material	Coating	Enclosed Seal Kit
L145SS	Stainless Steel	Severe duty	237609
L180SS	Stainless Steel	Severe duty	237608
L220SS	Stainless Steel	Severe duty	237710
L290SS	Stainless Steel	Severe duty	237713
L430CS	Carbon Steel	Severe duty	222845
L430SS	Stainless Steel	Severe duty	222845
L430SM	Stainless Steel	MaxLife	253744
L580CS	Carbon Steel	Severe duty	222875
L580SS	Stainless Steel	Severe duty	222875
L580SM	Stainless Steel	MaxLife	253745



ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

GRACO LOCATIONS

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All written and visual data contained in this document are based on the latest product information available at the time of publication Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.

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