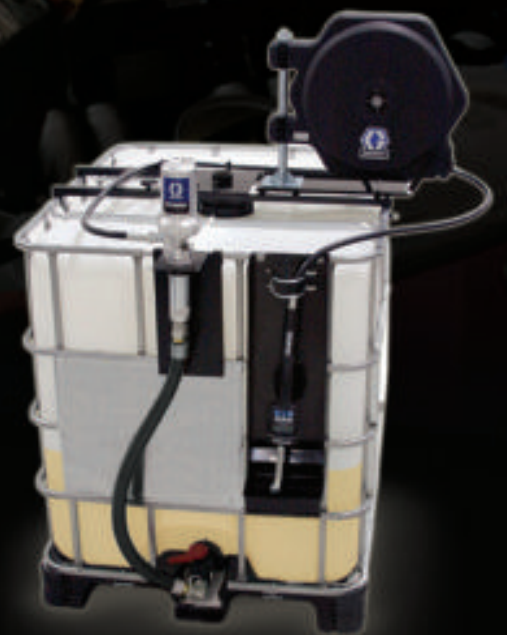




A Complete Family of Reliable Lubrication Equipment

Discover the Value of Graco LD™ Series

The LD family offers a hard working solution designed for lower volume applications. Proven technologies are engineered into each product and packaged together for an affordable, flexible and still incredibly durable solution.



Real Solutions for Real People
Field-Proven Performance Designed to Save You Money



Performance Runs in the Family

State-of-the-Art Design

Each product in the LD family has innovative features built-in, plus advanced technologies designed to save you money and provide reliable performance and long life at a competitive price.

More Configurations

Choose drum, tote or wall mount applications with multiple meter, pump and reel choices.

Industry Leading Warranty

Graco offers one of the best warranties in the business—5 years on all our LD Series family products.*

* Two years on LD Meter electronics



Everything you need right out of the box

Choose from a variety of dispensing solutions. From the economical drum package to the high-performance tote packages, every solution is designed with the highest quality components for trouble free operation.

LD Series Pumps



Durable and Hardworking

Stay ahead of the competition with LD Series Pumps. These affordable and full featured pumps are designed for lower volume applications and are available in 3:1 and 5:1 for oil and 50:1 for grease. These pumps are fine-tuned for a compact, flexible and still incredibly durable solution.

LD Series Pumps



Durable and Hardworking

Stay ahead of the competition with LD Series Pumps. These affordable and full featured pumps are designed for lower volume applications and are available in 3:1 and 5:1 for oil and 50:1 for grease. These pumps are fine-tuned for a compact, flexible and still incredibly durable solution.

LD Series Meters

Big Performance for Small Shops

LD Series meters are designed for professionals that require reliable performance on every dispense. Flow rates up to 5 gpm (19 lpm) and working pressure up to 1000 psi (69 bar) gives you the performance and power you need everyday. Choose from two models—the LD manual or LD preset, each equipped to dispense in quarts, pints, liters or gallons.



www.graco.com

Technical Specifications

LD Series 3:1, 5:1 and 50:1 Air-Powered Pumps



LD Series 3:1 Oil Pump



LD Series 5:1 Oil Pump



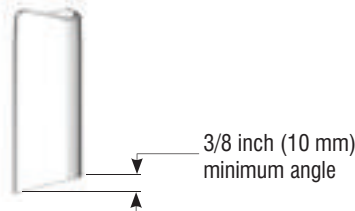
LD Series 50:1 Grease Pump

	3:1 LD Oil Pump	5:1 LD Oil Pump	50:1 LD Grease Pump
Maximum Fluid Working Pressure	750 psi (51.7 bar, 5.17MPa)	750 psi (51.7 bar, 5.17MPa)	7500 psi (517 bar, 51.7 MPa)
Fluid Pressure Ratio	3:1	5:1	50:1
Suction Lift (feet of oil)	10	10	—
Air Operation Range	20 to 150 psi (1.37 to 10.3 bar)	20 to 150 psi (1.37 to 10.3 bar)	20 to 150 psi (1.37 to 10.3 bar)
Recommended Air Pressure (for optimum life)	<125 psi (8.6 bar, 0.86 Mpa)	<125 psi (8.6 bar, 0.86 Mpa)	<125 psi (8.6 bar, 0.86 MPa)
Max Recommended Pump Speed	120 cycles per minute	180 cycle per minute	120 cycle per minute
Cycles Per Gallon/pound (l/kg)	29 gallons (7 liters)	37 gallons (10 kg)	47 pounds (21 kg)
Recommended Pump Speed (for maximum life)	75 cycle per minute or lower	75 cycle per minute or lower	60 cycle per minute or lower
Wetted Parts	Zinc plated carbon, steel, aluminum, nitrile, polyurethane, nickel plated aluminum		
Sound Pressure Level	72.9 dB(a)	72.9 dB(a)	72.9 dB(a)
Sound Power Level	82 dB(a)	82 dB(a)	82 dB(a)
Approximate Weight	7 pounds (3.2 kg)	7.7 pounds (3.5 kg)	35 pound drum—11.2 pounds (5.1 kg), 120 pound drum—15.0 pounds (6.8 kg), 400 pound drum— 170.0 pounds (7.7 kg)
Flow Rate	32 Lpm	30 Lpm	1.5 Kg/min
Performance Curve with Air Consumption at 100 psi			

Dimensions

Model	L Length	O Overall Length
Universal Pump Only	6.9 in (175 mm)	16 in (406 mm)
Multi*	42.4 in (1076 mm)	51.5 in (1307 mm)
Drum	35.7 in (907 mm)	44.8 in (1138 mm)
Tote	42.8 in (1087 mm)	51.9 in (1318 mm)

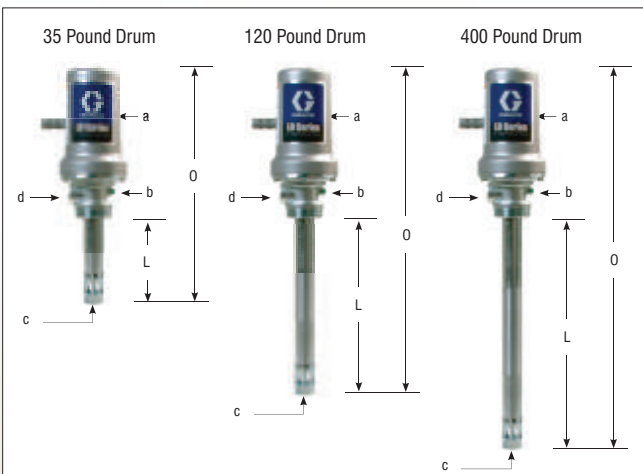
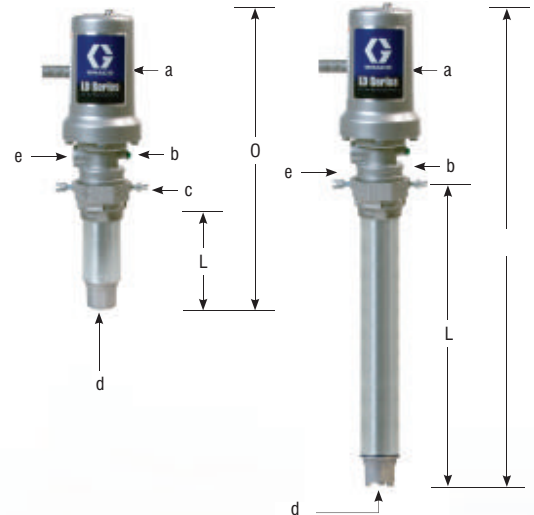
- a = 1/4 inch air inlet
- b = ground screw
- c = 2 inch npt bung adapter
- d = 1 inch fluid inlet
- e = 1/2 inch fluid outlet



* Multi down tube is angle cut to the desired length as required

3:1/5:1 Oil

3:1/5:1 Oil Multi/Drum/Tote



Model	L Length	O Overall Length
35 Pound Drum	5.2 in 134 mm	14.5 in 370 mm
120 Pound Drum	18.8 in. 479 mm	28.1 in 715 mm
400 Pound Drum	26.7 in.679 mm	36 in 915 mm

- a = 1/4 inch air inlet
- b = ground screw
- c = priming piston
- d = 1/4 inch fluid outlet

It's Genetics

Loaded with high performance technologies

Only Graco can give you the field-proven performance found in the famous FireBall® pump for a solution that works as hard as you. Fast repairs, flexible configuration, industry leading warranty, and so many other field proven features are built-in-all at a competitive price.

LD Air-Powered Pumps

LD 3:1 Pump

Medium pressure, high flow applications

LD 5:1 Pump

High pressure, medium flow for cold temperature or long run applications

LD 50:1 Pump

High pressure grease to 7500 psi



Three Inch Air Motor

Provides more power to create better flow.

NXT Air Valve

Designed to reduce icing in continuous use applications and uses less air than competitive pumps for better efficiency. Easy to repair or replace without tearing down internal pump components for less downtime.

Engineered for Durability

Patent-pending cup and plate design eliminates the need for O-rings that wear out faster for a more durable, longer-lasting solution.

Modular Air Valve

Air inlet and exhaust locations are easy to configure with just four bolts for simple, hassle free installations.

Pilot Valve

Patent-pending self cleaning design increases reliability in dirty air environments and minimizes pressure drop with rapid changeovers for reduced stalling and smoother flow.

Adjustable Bung Adapter Included

Built-in slide adjustment with easy-set hand screws is easier to fit into more applications.

Built-In Thermal Relief and Inlet Strainer

Built-in thermal relief (oil only) protects your equipment from thermal expansion without the need to buy and install an additional kit. Inlet strainer (oil only) is built-in to protect pump from contaminants that can damage your pump.

©2011 Graco Inc. 340822 Rev. A 04/11 All other brand names or marks are used for identification purposes and are trademarks of their respective owners. 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.

Contact us today!

INDIA

Graco Hong Kong Ltd.

India Liaison Office, Room 432, Augusta Point, Regus Business Centre 53
Golf Course Road, Gurgaon, Haryana, India 122001
Tel: 91 124 435 4208, Fax: 91 124 435 4001

