





**LUMAX**  
www.Lumax.Com

**An Extensive Range  
of High Quality Pumps  
for every Application**







Lever Pumps

Lumax®.....Efficiency by Design

Lumax manual and powered pumps are available in a wide range of types and capacities to meet your specific lubrication and maintenance requirements. Lumax manual pumps provide economical and convenient dispensing when powered units are not practical. Lumax pumps are precision engineered to ensure that they are stronger and more durable for heavy-duty service and years of trouble-free performance.

Lumax pumps are manufactured from the highest-grade materials and to rigid quality standards. Designed for Durability, Reliability and Safety. Lumax pumps are ideal for Automotive, Farm, Construction, Heavy-duty Commercial and Industrial use.

LX-1316 Heavy-duty, Lever-action Barrel Pump

Ideal for fast transfer of Non-Corrosive Fluids of Light to Medium Viscosity, such as, Motor Oils, Transmission Fluid, Lubricating Oils, Fuel Oils, Kerosene or Diesel Fuel, Jet Fuel, Brake Fluid, Brake Cleaner etc.

- Fits 15-55 Gallon (57-210L) Drums with Standard 2" (50 mm) and 1-1/2" (38mm) Bung Opening
- Delivers 13 oz. (390ml) per Stroke. Appx. 10 Strokes/Gallon (3.8L)
- 1-1/4" (32mm) Inlet Port and 3/4" (19mm) Outlet Port
- Precision Seal eliminates by-pass and Floating Steel Check Valve drains Liquid back from Pump when not in use
- Self-Priming
- Unique Toggle Mechanism Design uses Compound Leverage for Pumping with little effort - Delivers Fast transfer of Fluids
- Equipped with 1-1/2" (38mm) and 2" (50mm) Bung and 34" (86cm) Self-adjusting Telescopic Suction Tube for pumping contents from 15 to 55 Gallon (57-210L) Drums
- Heavy-duty, LuCast™ Cast-Alloy Head with Heavier and Reinforced Wall Thickness for added Strength
- Heavy Gauge Steel Pump Body with Durable Electrostatic, Corrosion resistant finish
- Heavy-duty Piston for Durability and Longer Life
- Longer Lever Handle assures firm Grip and increased Leverage - Develops more pressure with less effort
- Cushioned, Oil Resistant Grip with Non-slip finger Contours for Comfort and Safer Operation
- Removable Metal Spout is threaded to fit all Garden Hoses
- Pump Height: 4.3 ft. (1.3m) • Net Weight: 5.5 lbs. (2.5kg)

**Wetted Components:** Steel, Aluminum, Viton® (Fluoropolymer Elastomer); Teflon® (PTFE)

Not Recommended for use with: Acids, Anti-Freeze, Detergent and Soap Solutions, Gasoline, Juices, Lacquer Solvents, Corrosive Chemicals or Water based media.

Typical Applications for all High Quality Lumax Lever-action Barrel Pumps:

- |                          |                     |                                    |
|--------------------------|---------------------|------------------------------------|
| • Agricultural Service   | • Fleet Maintenance | • Construction Vehicle Maintenance |
| • Industrial Maintenance | • Dealerships       | • Heavy Equipment Service Trucks   |
| • Public Works Garages   | • Marine Industry   |                                    |



LX-1316

- LX-1326** Lever Action Chemical Pump General Purpose
- LX-1327** Lever Action Chemical Pump Premium
- LX-1328** Lever Action Chemical Pump Corrosion Resistant
- LX-1329** Lever Action Chemical Pump Premium

- Designed for fast transfer of Acidic Solutions, Chemicals, Fuels, Fuel Oils and Water based media. Ideal for DEF/Urea/AdBlue®
- Delivers 16 oz. (500ml) per Stroke. Appx. 8 Strokes/Gallon (3.8L)
- LX-1326, LX-1327 and LX-1328 are equipped with Two-tier Threaded Bung 1-1/2" (40mm) and 2" (50mm) - Fits 15-55 Gallon (57-210L) Drums with Standard 1-1/2" (38mm) and 2" (50mm) Bung Opening
- LX-1329 Fits 15-55 Gallon (57-210L) Drums with Standard 2" (50 mm) Bung Opening
- 39" (1m) Suction Tube for 15-55 Gallon (57-210L) Drums
- Ergonomically Designed Lever Handle assures firm Grip for Comfort and Safer Operation and increased Leverage - develops more pressure with less effort
- Unique Toggle Mechanism Design uses Compound Leverage for Pumping with little effort - Delivers Fast transfer of Fluids
- Heavy Duty Stainless Steel Piston for Durability and Longer life
- Precision Seal eliminates by-pass and Floating Steel Check Valve drains Liquid when not in use
- Self-Priming. Includes Non-drip Spout. Removable Spout is threaded to fit all Garden Hoses

**Wetted Components:**

- LX-1326:** Polypropylene; Viton® Stainless Steel, SS201,
- LX-1327:** Reinforced Polypropylene (PPR); Stainless Steel, SS304; Viton®
- LX-1328:** Ryton® Polyphenylene Sulfide (PPS); Teflon® (PTFE); Viton® (Fluoropolymer Elastomer); Stainless Steel (SS 316)
- LX-1329:** Polypropylene (PP); Acetal (POM); Viton®

Not Recommended for use with:

**LX-1326, LX-1327 and LX-1329:**

Acetone, Ammonia, Benzene, Benzoic Acid, Bleach Solutions, Chlorine, Jet Fuels, Hydraulic Oil, Kerosene, Lacquers and Lacquer Solvents, Methanol, Methyl Ethyl Ketone, Naphtha, Toluene, Toluol, Turpentine and Vegetable Oils

**LX-1328:**

Acetone, Ammonia, Bleach Solutions, Brake Fluid (Hexylene Glycol) Chlorine, Hydraulic Oil, Lacquers & Lacquer Solvents and Methanol

LX-1326



Multiple Settings allows user to regulate Low, Normal, or High Outflow



LX-1327



Non-Drip Valve included as Standard Equipment



LX-1328



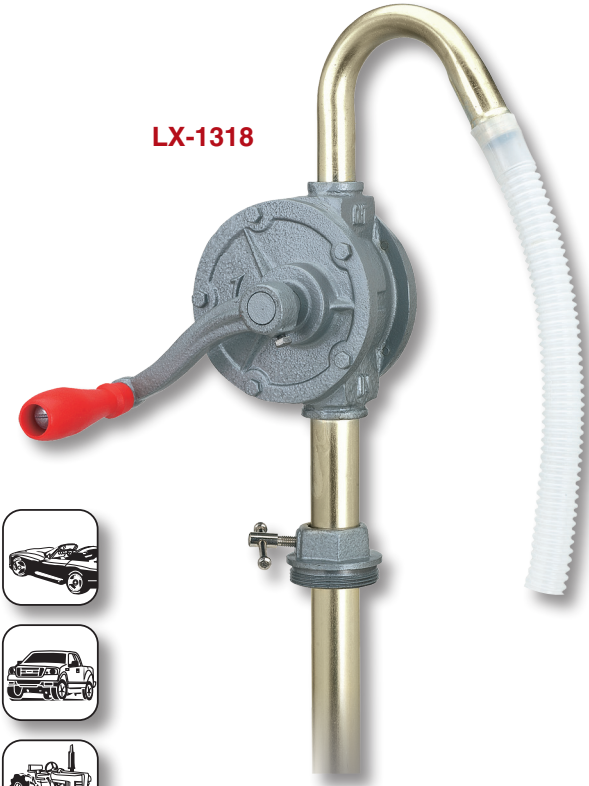
Adjustable Locking Ring Rotates 360° to suit Dispensing and User Comfort

LX-1329





# Rotary Pumps



## LX-1318 Rotary Barrel Pump, Cast-Iron

Heavy Duty Cast-iron Die-Cast Body Pump for transferring Non-Corrosive, Petroleum based Fluids of Light-to-Medium Viscosity, such as, Fuel Oils, Motor Oils, Transmission Fluid, Lubricating Oils, Kerosene, Gasoline and Diesel Fuel

- Discharge Capacity: One Gallon (3.8L) per 14 Revolutions
- Fits 15 to 55 (57L to 210L) Gallon Drums with Standard 2" (50mm) Bung Opening
- Precise Vanes allow better draw and smoother delivery of Fluids
- Self Priming
- 1-1/4" (32mm) Inlet Port and 3/4" (19mm) Outlet Port
- Maximum Discharge Height: 16.5 ft. (5m)
- Comes with Adjustable 2" (50mm) Bung and 39" (1m) Flexible, Oil-resistant Polyethylene Discharge Hose
- 40" (1m) Zinc Plated, Corrosion-resistant 3-pc. Suction Tube
- Non-slip, Oil Resistant Grip for Comfort and Safer Operation
- Cast Iron Draw Head with Stainless Steel Filter Screen
- Pump Height: 4.3 ft. (1.3m)
- Net Weight: 13 lb. (6kg.)

**Wetted Components:** Cast Iron, Steel, Polyethylene

**Not Recommended for use with:** Anti-Freeze, Acids, Solvents, Detergent and Soap Solutions, Fruit Juices, Corrosive Chemicals or Water based media.

**WARNING:** Although Gasoline is oil based, it is Explosive & Extremely Dangerous to pump. Ground Wires are essential and required for Gasoline and Flammables

## LX-1320 Deluxe, Rotary Barrel Pump, Aluminum Die-Cast

Precision Engineered, Aluminum Die-Cast Body Pump for transferring Non-Corrosive Mild-to-Medium Strength Chemicals and Petroleum based Fluids of Light to Medium Viscosity, such as, Lubricating Oils, Motor Oils, Transmission Fluid, Machine Oil, Kerosene, Gasoline or Diesel Fuel

- Discharge Capacity: One Gallon (3.8L) per 12 Revolutions
- Fits 15 to 55 (57L to 210L) Gallon Drums with Standard 2" (50mm) Bung Opening
- Precise Vanes allow better draw and smoother delivery of Fluids
- Self Priming
- 1-1/4" (32mm) Inlet Port and 3/4" (19mm) Outlet Port
- Maximum Discharge Height: 16.5 ft. (5m)
- Comes with Adjustable 2" (50mm) Bung and 39" (1m) Flexible, Oil-resistant Polyethylene Discharge Hose
- 40" (1m) Zinc Plated, Corrosion-resistant 3-pc. Suction Tube
- Non-slip, Oil Resistant Grip for Comfort and Safer Operation
- Cast Iron Draw Head with S.S. Filter Screen
- Pump Height: 4.3 ft. (1.3m)
- Net Weight: LX-1318 - 13 lbs. (6kg.) LX-1320 - 7.5 lbs. (3.4kg)

**Wetted Components:** Aluminum, Steel, Zinc, Polyethylene

**Not Recommended for use with:** Strong Acids, Aggressive Chemicals and Strong Solvents

**WARNING:** Although Gasoline is oil based, it is Explosive & Extremely Dangerous to pump. Ground Wires are essential and required for Gasoline and Flammables

## LX-1323 Stainless Steel Rotary Barrel Pump

A high quality Stainless Steel Rotary Drum pump designed for use in dispensing fuels, harsh chemicals and liquids including various Acids, Alcohols, Oils, Solvents, Ketones, DEF/Urea/AdBlue®, Water and Petroleum Based Fluids. Pumps up to 5000 SSU.

- Fits 15 to 55 (57L to 210L) Gallon Drums with Standard 2" (50mm) Bung Opening
- 1-1/4" (32mm) Inlet Port and 1" Stainless Steel (25mm) Discharge Spout
- Rotary action dispenses 5 GPM @70 RPM (12 oz./Revolution)
- Maximum Discharge Height: 16.5 ft. (5m)
- Precise Vanes allow better draw and smoother delivery of Fluids
- Self Priming
- 40" (1-1/4" NPT x 3-pc.) Stainless Steel Suction Tube Assembly
- Non-slip, Oil Resistant Grip for Comfort and Safer Operation
- Comes with Adjustable 2" (50 mm) Bung Bushing
- Maximum Liquid Temperature: 140° (60°C)
- Pump Height: 4.3 ft (1.3m) • Net Weight: 7.5 lbs. (3.4kg)

**Wetted Components:** Stainless Steel (SS 304); Viton® (Fluoropolymer Elastomer); Teflon® (PTFE)

**Not Recommended for use with:** Acetone, Ammonia Liquids, Brake Fluid, Formic Acid, Lacquers and Lacquer Solvents, Methanol and Methyl Ethyl Ketone

**WARNING:** Although Gasoline is oil based, it is Explosive & Extremely Dangerous to pump. Ground Wires are essential and required for Gasoline and Flammables

## LX-1322 Premium, Dual-direction Barrel Pump

A Precision, Heavy Duty Aluminum Body Gear-driven Pump designed for high-flow and to meet the demanding requirements of most Heavy-Duty Truck, Industrial, Automotive, Agricultural and Marine needs.

- Excellent for transferring Anti-Freeze, Diesel, Fuel Oils, Petroleum based fluids of Light to Medium Viscosity and Non-Corrosive, Mild Chemicals
- Discharge Capacity: 36 fl. oz. (1L) per Revolution Appx. 4 Strokes/Gallon (3.8L)
- Stronger and Durable Construction helps protect the Pump from wear and tear due to constant use
- Durable Draw Head with Nylon Filter Screen and Heavy Duty Vanes allow better Draw and Smoother Delivery of Fluids
- Clockwise and Counter-clockwise operation - works as a Delivery or Suction Pump. Perfect for transferring fluids in either direction
- Vertical Conveying Distance of 50 ft. (15m), Horizontal Conveying Distance of 150 ft. (50m)
- Pump Height: 4.3 ft (1.3m) • Net Weight: 13 lbs. (6kg)

**Wetted Components:** Aluminum, Steel, Polyethylene (PE), NBR/Buna-N (Fluoropolymer Elastomer)

**Not Recommended for use with:** Acids, Acetone, Isobutyl and Isopropyl Alcohol, Ammonia, Benzene, Benzoic Acid, Bleach Solutions, Brake Fluid, Chlorine, Formic Acid, Gasoline, Lacquers and Lacquer Solvents, Methyl Ethyl Ketone, Naphtha, Soap Solutions, Soda Ash (Sodium Carbonate), Turpentine, DEF/Urea/AdBlue®, Varnish and Vegetable Juices





# Chemical Rotary Pumps



LX-1324

Exclusive  
Patented Design  
Non-Drip Valve  
with Removable  
Spout



## LX-1324 Rotary Barrel Chemical Pump, General Purpose

- Cost-effective solution for dispensing Mild-to-Medium Strength Chemicals, Water Based Fluids, DEF/Urea/AdBlue® from 15 to 55 Gallon (57L to 210L) Drums
- Lightweight and Corrosion Resistant Polypropylene Materials
- Smooth Operation with High Flow Rate 5.5 Gallon (21L)/Min
- Discharge Capacity: 11 fl. oz. (0.33L) per Revolution. One Gallon (3.8L) per 13 Revolutions
- Horizontal Conveying Distance of 10 ft. (3m), Vertical Conveying Distance of 16 ft. (5m)
- Non-slip, Oil Resistant Grip for Comfort and Safer Operation
- Comes with Adjustable 2" (50mm) Bung Bushing and removable Non-Drip Spout
- 1" (27mm) Inlet Port and Outlet Port
- 3-pc., 40" (1m) long Suction Tube
- Pump Height: 4.4 ft (1.35m )

**Wetted Components:** Polypropylene (PP); Ryton® Polyphenylene Sulfide (PPS); Stainless Steel (SS 316); Acetal (POM); Viton® (Fluoropolymer Elastomer); Teflon® (PTFE)

Not Recommended for use with: Acetone, Ammonia, Benzene, Benzoic Acid, Bleach Solutions, Brake Fluid and Cleaner, Chlorine, Fuel Oils, Formic Acid, Hydraulic Oil, Jet Fuels, Kerosene, Lacquers and Lacquer Solvents, Methyl (Methanol), Methyl Ethyl Ketone, Naphtha, Turpentine and Vegetable Oils

**WARNING:** Although Gasoline is oil based, it is Explosive & Extremely Dangerous to pump. Ground Wires are essential and required for Gasoline and Flammables

## LX-1321 Rotary Barrel Chemical Pump, Corrosion Resistant

- Lightweight, reliable and cost-effective solution for dispensing Aggressive Chemicals, Acidic Solutions, Fuels, Fuel Oils and DEF/Urea/AdBlue® from 15-55 Gallon (57L-210L) Drums
- Smooth Operation with High Flow Rate 5.5 Gallon (21L)/Min
- Discharge Capacity: 11 fl. oz. (0.33L) per Revolution. One Gallon (3.8L) per 13 Revolutions
- Horizontal Conveying Distance of 10 ft. (3m), Vertical Conveying Distance of 16 ft. (5m)
- Quick drum installation and change-out with 2" (50 mm) adapter
- Non-slip, Oil Resistant Grip for Comfort and Safer Operation
- Comes with Adjustable 2" (50mm) Bung Bushing and removable Non-Drip Spout
- 1" (27mm) Inlet Port and Outlet Port
- 3-pc., 40" (1m) long Suction Tube
- Pump Height: 4.4 ft (1.35m )

**Wetted Components:** Ryton® Polyphenylene Sulfide (PPS); Stainless Steel (SS 316); Viton® (Fluoropolymer Elastomer); Teflon® (PTFE)

Not Recommended for use with: Acetone, Ammonia, Bleach Solutions, Brake Fluid (Hexylene Glycol) Chlorine, Hydraulic Oil, Lacquers & Lacquer Solvents and Methanol

**WARNING:** Although Gasoline is oil based, it is Explosive & Extremely Dangerous to pump. Ground Wires are essential and required for Gasoline and Flammables



LX-1321

# Diaphragm Pumps

## LX-1342 Heavy Duty, Double-Acting Diaphragm Fuel Transfer Pump

Durable Double Acting Diaphragm Pump. Heavy-duty Aluminum Die-Cast Construction with Telescoping Tube Assembly. Excellent for dispensing Anti-Freeze, Diesel, Fuel Oil, Hydraulic Oil, Jet Fuels, Kerosene, Motor Oil, Naphtha, Transformer Oil, Transmission Fluid, Turpentine and similar Petroleum based Products of Light-to-Medium viscosity.

Ideal for use where Compressed Air and/or Power is not easily available. For use in Service Garages, Fleet Operations, Road Construction and Marine.

- Fits 15-55 Gallon (57L-210L) Drums or Tanks with 2" Bung Opening
- Dispenses 1 Gallon (3.8L) in 5 Strokes
- Extra Heavy-Duty Steel Handle with Security Locking Latch
- Stainless Steel Piston and Fuel Resistant Hi-Nitrile Rubber Diaphragm
- Easy Dispensing through 8 ft. (2.5m) Anti-Static Neoprene Rubber Hose with Aluminum Die-Cast Dispensing Nozzle
- Includes 2" (50mm) Die-Cast Bung Adapter
- Pump Inlet fitted with Easy-Clean Wire Mesh Screen

**Wetted Components:** Aluminum; Steel; Stainless Steel NBR/Buna-N (Fluoropolymer Elastomer);

Not Recommended for use with: Acids, Acetone, Alkalis, Benzene, Bleach Solutions, Brake Fluid (Hexylene Glycol), Chlorine, Corrosive Fluids, DEF/Urea/AdBlue®, Gasoline, Isobutyl & Isopropyl Alcohol, Lacquers and Lacquer Solvents, Methyl Ethyl Ketone, Oils: Animal, Mineral and Vegetable, Trichlorethylene, Wines and Vinegar

## LX-1339 Diaphragm Chemical Pump, Corrosion Resistant

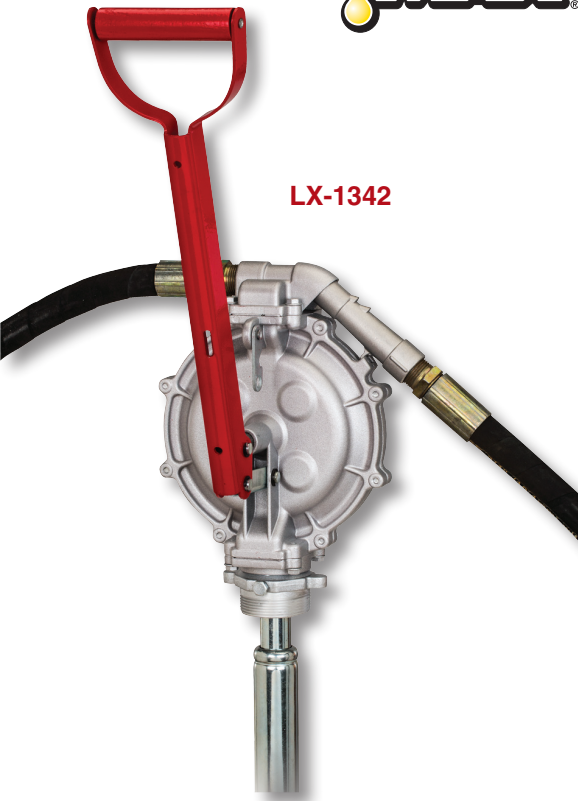
Heavy-Duty Double-acting, Polypropylene Diaphragm Pump with Telescoping Tube Assembly.

Designed for Fast Transfer of Mild Chemicals, Mild Acidic Solutions and Water based media. Ideal for Dispensing DEF/Urea/AdBlue®, Mild Acids, Alcohols, Anti-Freeze, Diesel, Chemicals, Fuels, Fuel Oils, Motor Oil, Transmission Oil, Water and Water based media. Ideal for DEF/Urea/AdBlue®

- Fits 15-55 Gallon (57L-210L) Drums or Tanks with 2" Bung Opening
- Dispenses 1 Gallon (3.8L) per 10 Strokes
- Lockable Handle
- Comes with: 2" (50mm) PE Bung Adapter, 3 Pc. Telescopic Suction Tube Discharge Nozzle and 15 ft. (1.5m) PE Flex-Hose

**Wetted Components:** Polypropylene (PP); PVDF (Fluoropolymer Elastomer); Stainless Steel (SS304); PE (Polyethylene)

Not Recommended for use with: Acetone, Benzene, Benzoic Acid, Bleach Solutions, Brake Fluid (Hexylene Glycol), Chlorine, Crude Oil, Ethyl Acetate, Formic Acid, Fuel Oils, Gasoline, Hydraulic Oil, Hydrochloric Acid, Jet Fuels, Kerosene, Lacquer Solvents, Lubricating Oils, Methyl Ethyl Ketone, Naphtha, Nitric Acid, Stoddard Solvent, Sulfuric Acid, Toluene, Toluol, Trichlorethane, Trichlorethylene, Turpentine and Vegetable Oils



LX-1342



LX-1339



Lift-Action, Piston Pumps



LX-1330

LX-1331

**WARNING!**  
Although Gasoline is oil based, it is Explosive and Extremely Dangerous to pump. Ground Wires are essential and required for Gasoline and Flammables



LX-1352

Lift-action, Barrel Pumps

- Fits 55 Gallon Drums (210L) with Standard 2" (50 mm) Bung Opening
- Discharge Capacity: 22 Fluid Ounces (650mL) per Stroke
- 1-1/2" (38mm) Inlet Port and 3/4" (19mm) Outlet Port
- Self Priming • Leak-proof Fittings
- Precision Seals eliminates by-pass and Floating Steel Check Valve drains Liquid when not in use
- Comes with Adjustable 2" (50 mm) Bung Bushing
- Removable Spout threaded for 3/4" (19 mm) Garden Hose Fitting
- Pump Height: 42" (1.1m) • Net Weight: 4.5 lb. (2kg.)

LX-1330 Steel Barrel Pump

- Zinc-Plated Steel Barrel Pump for transferring Non-corrosive Fluids of Light-to-Medium Viscosity, such as, Brake Cleaner, Motor Oils, Diesel, Fuel Oils, Jet Fuels, Kerosene, Lubricating Oils, Transmission Fluid
- Aluminum Die-cast Head with Removable Spout
- Steel Piston for Durability • Zinc Plated, Corrosion-resistant Suction Tube

**Wetted Components:** Steel, Aluminum

Not Recommended for use with: Anti-Freeze, Acids, Alcohols, Benzene, Bleach, Brake Fluid (Hexylene Glycol), Chlorine, Detergent and Soap Solutions, Edible Oils and Fluids, Fruit Juices, Gasoline, Lacquers & Lacquer Solvents, Naphtha, Corrosive Chemicals, Solvents or Water based media.

LX-1331 Stainless Steel Barrel Pump

Ideal for transferring, Corrosive, Volatile and Aggressive Chemicals such as Esters, Alcohols, Alkali, Strong Acids, Hydrocarbons, Edible Liquids, Minerals, Water Based Chemicals, Detergents & Soap Solutions, etc.

Also suitable for transferring Petroleum based fluids of Light to Medium Viscosity, such as, Automotive Additives, Benzene, Diesel, Fuel Oils, Gasoline, Kerosene, Lacquer and Lacquer Thinner, Lube Oils, Machine Oils, Motor Oil, Solvents, Thinners, Transmission Fluid, etc.

- Heavy Duty, Stainless Steel Suction Tube (# 304) and Piston, for Durability and Maximum Protection against Corrosion
- Stainless Steel Head with Removable Spout
- Maximum Recommended Viscosity: 2000 SSU
- Maximum Recommended Temperature: 140° (60°C)

**Wetted Components:** Stainless Steel (SS 304)

Not Recommended for use with: Aluminum Sulfate, Copper Chloride, Formic Acid, Hydrochloric Acid, Sodium Chloride, Sodium Chromate, Sodium Hypochlorite (Bleach) and Sulfuric Acid

LX-1352 Stainless Steel Pail Pump

Lightweight, Portable Design yet offers long lasting use. Includes an adaptor to accommodate 2" Bungs. Ideal for transferring a variety of liquids including, most Acids, Solvents, Aggressive & Corrosive Chemicals. Teflon® (PTFE) Piston and Teflon® (PTFE) Extension tube are resistant to most fluids. Even viscous liquids can be transferred efficiently because of its simple, rugged design.

- Flow Rate: 8 Fluid Ounces (240mL) per Stroke
- Inlet Port: 5/8" • Outlet Port: 1/2"
- 1" Bung Size
- Weight: 3.0 lbs.

**Wetted Materials:** Stainless Steel (SS 304); Polypropylene; Teflon®; Viton®

Not Recommended for use with: Acetone, Brake Fluid (Hexylene Glycol), Formic Acid, Hydrochloric and Sulfuric Acid, Lacquers & Lacquer Solvents, Methyl (Methanol), Methyl Ethyl Ketone

LX-1332 Polypropylene Drum Pump

- Lightweight Portable Pump designed for 15 to 55 Gal. (57 to 210L) Drums
- Nickel Plated Steel Piston for Maximum Protection against Corrosion
- Ideal for pumping Anti-Freeze, Boric Acid, Detergent Solutions, Diesel, Formaldehyde, Formic Acid, Fruit Juices, Fuel Oils, Gasoline, Glycerine, Brake Fluid & Brake Cleaner, Isobutyl & Isopropyl Alcohol, Edible Oils, Juices, Lubricating Oils, Mineral Oil, Motor Oil, Soda Ash and other Mild Chemicals
- Recommended Viscosity not to exceed that of SAE 30 Weight Oil
- Pumps 8 Fluid Ounces (240mL) per Stroke
- 2" (50mm) Bung Bushing for Standard Drum and Tank Opening
- Removable Discharge Spout
- 3/4" (19 mm) Outlet Port
- Pump Height: 43" (109cm)
- Net Weight: 2 lbs. (90g)

**Wetted Components:** Polypropylene (PP); Steel

Not Recommended for use with: Strong Acids, Benzene, Bleach Solutions, Chlorine, Gasoline, Hydraulic Oil, Jet Fuels, Kerosene, Lacquers & Lacquer Solvents, Methyl Ethyl Ketone, Naphtha, Vegetable Oils and Corrosive Chemicals

LX-1334 Nylon Drum Pump

- Same features as LX-1332, but, made of Nylon materials
- Stainless Steel Piston for Maximum Chemical Resistance
- Ideal for pumping Stronger Chemicals and Solvents, such as, Acetates, Ammonia, Benzene, Ketones, Lacquers and Lacquer Solvents, MEK, Methanol Toluene, Toluol and Thinners. Also suitable for edible fluids.

**Wetted Components:** Nylon (NYL); Stainless Steel

Not Recommended for use with: Acetic Acid, Acetic Anhydride, Aluminum Sulfate, Benzoic Acid, Bleach Solutions, Chlorine, Formic Acid, Hydrochloric, Nitric and Phosphoric Acid, Isopropyl Alcohol

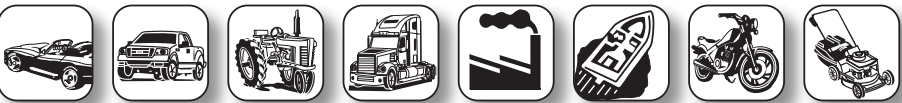
LX-1337 Plastic Pail Pump with Flex Hose

Ideal for transferring most Water-based Solutions, Mild Chemicals, Motor Oil, Hydraulic, Transmission Fluid and Lightweight Oils. No more heavy lifting or messy pouring. Cleanup is a snap.

- Durable Piston-action Pump Delivers 8 Fluid Ounces (240mL) per Stroke
- Heavy duty 18" (45cm) PVC Barrel with 2" (50mm) Drum Adapter
- Flexible 2 ft. (60cm) Clear Discharge Hose
- 18" (45cm) Dip-tube to fit various Small Containers
- Suction Inlet includes a 1/2" (12mm) Hose Barb and 3/4" NPT threads
- Chemical Resistant Viton® Seals
- Recommended for Chemicals, Water-based Solutions & Lightweight Oils

**Wetted Materials:** Polypropylene (PP); PVC; Viton®; Stainless Steel

Not Recommended for use with: Corrosive Chemicals, Strong Solvents, or any Fluids with a Viscosity greater than 2000 SSU (similar to SAE 30 Motor Oil).



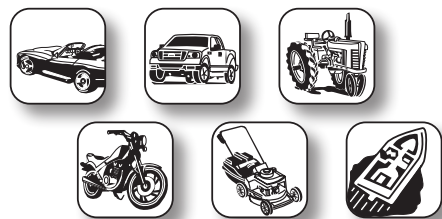
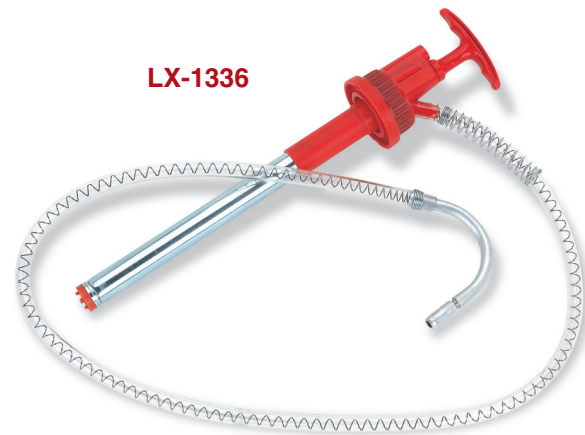
LX-1332

LX-1334



LX-1337

LX-1336



### LX-1336 Plastic Bucket Pump with Flex Hose and Non-drip Nozzle

Ideal for transferring Non-Corrosive Fluids of Light to Medium Viscosity like, Anti-Freeze, Detergents, Engine Oil, Fuel Oils, Gear Oils, Motor Oils, Lubricating Oils, Transmission Fluid, Synthetic Oils, Diesel Fuel, Jet Fuel, Kerosene, Brake Cleaner etc.

- Self Priming, Push-down Action Pump
- 5 Gallon (20L) Capacity
- Discharge Capacity: 3 Fluid Ounces (90mL) per Stroke
- Drain-back Nozzle prevents Spills and Accidents
- Precision Nitrile (NBR/Buna-N) Seal eliminates by-pass
- Zinc Plated, Corrosion-resistant Suction Tube
- Includes: Extra Bung Adaptor (2-1/4" x 1/8 Pitch) 50" (1.3m) Oil-resistant Flex Hose with Non-drip Nozzle
- 1" (25mm) Inlet Port and 1/4" (6mm) Outlet Port
- Pump Height: 20" (50cm) • Net Weight: 1.8 lb. (820g)

**Wetted Components:** Steel, NBR/Buna-N (Fluoropolymer Elastomer); Aluminum, Nylon, Polypropylene (PP), PVC

Not Recommended for use with: Acids, Brake Fluid, Solvents, Gasoline, Soap Solutions, Corrosive Chemicals or any Fluids with Viscosity greater than 2000 SSU (SAE 30 Motor Oil).

### LX-1344 Hand Transfer Pump

Easy Pumping Action allows Smooth Transfer of Non-corrosive Fluids, such as, Motor Oils, Transmission Fluid, Lubricating Oils, Fuel Oils, Kerosene or Diesel Fuel, Jet Fuel, Brake Fluid, Brake Cleaner etc.

- Ideal for Transferring Fluids from one Container to the other and for Draining Oils and other Fluids
- Discharge Capacity: One Gallon (3.8L) per 8 Strokes
- Self Priming
- Heavy Gauge Steel Pump Body (18 G/1.3mm) wall thickness with Durable, Corrosion-resistant Finish
- Double Check Valve
- Includes: 8 ft. (2.45m) Flexible Vinyl Hose for Suction and Discharge of Fluids

**Wetted Components:** Steel, NBR/Buna-N (Fluoropolymer Elastomer); Polypropylene (PP), PVC

Not Recommended for use with: Acids, Anti-Freeze, Detergent and Soap Solutions, Gasoline, Juices, Solvents, Corrosive Chemicals or Water based media.

### LX-1346 Brake Fluid Pump

Designed to pump most Non-corrosive fluids from one Gallon (3.8L) cans such as Brake Fluid, Power Steering Fluid, etc.

- Fastens directly onto Can
- Comes with a 40" (1m) Hose with Check Valve for an Air-tight Seal
- Furnished with four Cap sizes to fit most standard one Gallon, Plastic and Metal Containers
- 3" (75mm) Extension for Taller, Deeper Cans
- Discharge Capacity: 1 Fluid Ounce (30mL) per Stroke

**Wetted Components:** Steel, NBR/Buna-N (Fluoropolymer Elastomer), PVC

LX-1346



### LX-1300 Lever-action Bucket Pump for 5-6.5 Gallon (20-25L) Pails

### LX-1301 Lever-action Bucket Pump for 16 Gallon (60L) Drum

- Smooth, easy pumping action dispenses all types of Lubricants, even in the coldest weather. Ideal for transferring Motor Oil, Transmission Fluid, Differential Fluid, Engine Coolant and other Automotive Additives
- Portable • Self Priming
- All Steel Pump. 1-1/2" (40mm) Inlet and 1/2" (12mm) Outlet Port
- Heavy-duty, LuCast™, Cast-Alloy Head for Extra Strength and Durability
- Ribbed Cover Assembly with adjusting screws to accommodate variations in Drum diameter
- Zinc Plated, Corrosion-resistant Suction Tube
- Oil-resistant, Contoured Grip for Comfort and Firm Grip
- **LX-1300** - Delivers 1 Quart / 32 Fluid Ounces (0.95L) per 12 Strokes Includes: 18" (45cm) long by 1-1/2" (40mm) diameter Suction Tube. Rust Resistant 12" (30cm) Cover Assembly and 5 ft. (1.5m) Oil Resistant Flex Hose with Nozzle
- **LX-1301** - Delivers 1 Quart / 32 fl. oz. (0.95L) per 8 Strokes Includes: 30" (76cm) long by 1-1/2" (40mm) diameter Suction Tube. Rust Resistant 16" (40cm) Cover Assembly and 5 ft. (1.5m) Oil Resistant Flex Hose with Nozzle

Not Recommended for use with: Acids, Solvents, Gasoline, Corrosive Chemicals or any Fluids with Viscosity greater than 2000 SSU (SAE 30 Motor Oil).

### LX-1302 Grease Gun Filler Pump for 25-50 lb. (11.5-23kg.) Pails

### LX-1304 Grease Gun Filler Pump for 100-120 lb. (45-55kg.) Drum

- For Bulk Loading Grease Guns equipped with LX-1420, Lumax® Filler Nipple
- Fast, Easy and Positive Grease Refilling with simple Pumping Action
- Filler Socket helps eliminate Waste, Mess and Air Pockets while refilling Grease in Grease Guns
- All Steel Construction. 1-1/2" (40mm) Inlet Port
- Heavy-duty, LuCast™, Cast-Alloy Head for Extra Strength and Durability
- Ribbed Cover Assembly with adjusting screws to accommodate variations in drum diameter
- Flexible Rubber Edge Follower Plate
- Oil-resistant, Contoured Grip for Comfort and Firm Grip
- Zinc Plated, Corrosion-resistant Suction Tube
- **LX-1302** - Delivers 1 lb. (450g) per 16 strokes Includes: 18" (45cm) long by 1-1/2" (40mm) diameter Suction Tube with Rust Resistant 12" (30cm) Cover Assembly, Flexible Rubber Edge Follower Plate (LX-1306) and Grease Gun Filler Socket (LX-1305)
- Optional Larger Filler Socket (LX-1305P) Available
- **LX-1304** - Delivers 1 lb. (450g) per 8 strokes Includes: 30" (76cm) long by 1-1/2" (40mm) diameter Suction Tube with Rust Resistant 16" (40cm) Cover Assembly, Flexible Rubber Edge Follower Plate (LX-1307) and Grease Gun Filler Socket (LX-1305)
- Optional Larger Filler Socket (LX-1305P) Available

### LX-1310 Universal Bearing Packer, Plastic

- Universal - for use on all Grease Guns. Lightweight yet, rugged construction
- Threaded Center Post for Positive Locking. Easily Lubricates most Bearings
- Primes easily and pumps efficiently when using Heavy Greases at low temperatures
- Can be used with either Hand-operated or Power Lube Equipment
- Ideal for use on Car, Light Truck, Farm Vehicle, Boat, Trailer and RV Bearings having a minimum ID of 1/2" (13mm) to a maximum OD of 4.5" (113mm)



LX-1300



LX-1302



LX-1310





LX-1345



### LX-1345 Multi-purpose Fluid Transfer and Siphon Pump Kit

Easy to use, Highly Versatile Multi-use Pump - works for Fluid Transfer, Siphon and Air-inflation. Comes with extra-long hoses for easier access and fluid transfer. Ideal for Handyman, Automotive, Marine, and Farm Use

- Fast and Easy Transfer of Gas, Oil, Air and Other Fluids when needed. Drains up to 3 Gallons (12L) per minute for fast transfers that are Mess-free.
- Great for Oil Changes and Siphoning Gasoline
- Use on a Variety of Small Engines: ATV's, Boats, Jet Skis / PWC, Chainsaws, Generators, Lawn Tractors, Snowmobiles, Edger's, Trimmers, Leaf Blowers, Snow Throwers, Farm Equipment and Light Commercial Equipment.
- Works as an Air Pump for inflation of Toys, Sporting Balls, Bike Tires, Air Mattresses, Pool or Beach Toys and more.
- Included Accessories:
  - 2 pcs., 1/2 in. (12mm) Dia. x 50" (127cm) long Intake and Output Hoses
  - 16 in. (40cm) Air Pressure Hose
  - Inflater Nozzle
  - Air Chuck
  - Inflating Needle

**Wetted Components:** Polypropylene (PP); Nitrile (Buna-N/NBR); Steel; PVC

**Not Recommended for use with:** Corrosive Chemicals, Strong Solvents, or any Fluids with a Viscosity greater than 2000 SSU (similar to SAE 30 Motor Oil).

### LX-1341 Multi-purpose Oil Pump

Suitable for precise dispensing of Fluids in tough-to-reach places in Tools, Equipment, Machinery and Vehicles.

Ideal for transferring Oils, Transmission Fluid, Brake Fluid, Non-flammable & Non-Corrosive Fluids from Light to Medium Viscosity. Featuring Down-stroke mechanism and with a nozzle holder to drain back redundant Oils back into the container.

- 1 Qt. (1L) Capacity Bottle
- Inlet Size 1" (25mm)
- Discharge Tube Length: 21" (53cm)
- Overall Length: 12-1/2" (32cm)
- Ounces per Stroke 0.14 oz. (4cc)
- Outlet Size 1/4" (6mm)
- Suction Tube Length: 7-3/4" (20cm)
- Max. Fluid Temperature: 140° (60°C)

**Wetted Materials:** PE, Aluminum, Nitrile Rubber (Buna-N), Steel, PVC

**Not Recommended for use with:** Corrosive Chemicals, Strong Solvents, or any Fluids with a Viscosity greater than 2000 SSU (similar to SAE 30 Motor Oil).

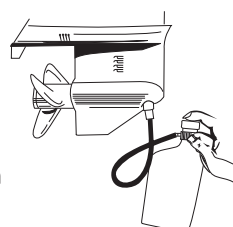
### LX-1338 Gallon Fluid Pump

Simple, Durable Plastic Pump makes transferring Fluids easy. Ideal for adding Fluids to Fluid Reservoirs and Small Engines. Flexible Hose for hard-to-reach places. Universal Design is perfect for Garage, Home, Auto and Marine Use

- Designed to fit Standard Gallon Containers
- Dispenses 1 Fluid Ounce (30mL) of product with each depression
- For Oil-Based Fluid Reservoirs including Differentials, Gear and Transmissions Cases
- Convenient and Versatile for hard-to-reach places
- Eliminates Mess and Waste

### LX-1348 Small Engine & Marine Lower Unit Filler Pump

- For adding Fluids to Marine Lower Units
- Fits Standard Quart Bottles
- Comes with Standard 3/8"-16 Adapter
- Includes Flexible Hose for Hard-to-reach Plugs
- Remove adapter on Hose end to fill hard-to-reach places like - to add bar Oil on Chainsaw, Fill Oil - on Moped, Lawn Mowers, Generator, etc.



LX-1341



LX-1338



LX-1348



### Diaphragm Pumps and Diaphragm Pump Kit

Lumax Diaphragm Pumps are Industrial-Grade Pumps that are ideal for pumping DEF/Urea/AdBlue®, Low Viscosity Non-Oil and Non-Petroleum based Fluids, Anti-Freeze, Soap Solutions and Water. Lumax Diaphragm Pumps are packed with components that are designed to reduce wear and keep working. Innovative design provides faster primes. Ideal for transferring: Anti Freeze; Detergent; Fruit Juices; Salt Water; Sea Water; Soap Solutions; DEF/Urea/AdBlue®; Vegetable Juices; Fresh and Distilled Water and Wines.

- Innovative design provides faster priming, better performance and longer life
- Nylon pump head for superior durability and resistance to chemicals
- Features a Bypass Valve for Motor Protection
- Inlet & Outlet Connection Type: Barb. Includes 2 pcs., 3/4" (19mm) Connectors and 2 pcs., 1" (25mm) Connectors
- **Not suitable for use with Oil or Petroleum-based products such as Kerosene, Diesel, Gasoline, etc.**

**Wetted Components:** Nylon/Polyamide (NYL); Polypropylene (PP); Thermoplastic Polyurethane (TPU); Nitrile Rubber (Buna-N/NBR); Stainless Steel (SS 304)

### LX-1360 Diaphragm Pump, 12V

### LX-1361 Diaphragm Pump, 110~120V

- Voltage: 12VDC (LX-1360) / 110V-120VAC (LX-1361)
- Power: 300W (LX-1360) / 330W (LX-1361)
- Motor Amps: 16A (LX-1360) / 3A (LX-1361)
- On/Off Switch
- Flow Rate: 11 GPM (40L/Min)
- Continuous Duty Cycle: 30 Minute
- Max. Suction Lift: LX-1360, 10 ft. (3m) / LX-1361, 32 ft. (10m)
- Max. Total Head: LX-1360, 23 ft. (7m) / LX-1361, 32 ft. (10m)
- Speed: 2850 RPM
- Self-Priming: Up to 10 ft. (3m) above liquid level
- Pressure: 40 PSI (3bar)
- Inlet Diameter: 3/4" (19mm), Pipe Thread
- Viscosity: Up to 4600 SSU/1000 cPs max.
- Outlet Diameter: 1" (25mm), Pipe Thread
- PH (High): 8PH
- Maximum Liquid Temperature: 140°F (60°C)
- Cord Length: LX-1360: 6.4 Ft. (2m) / LX-1361: 5 Ft. (1.5m)
- Mounting Base: LX-1360: 3" x 2" (76 x 50mm)  
LX-1361: 4" x 3" (100 x 80mm)
- Dimensions: LX-1360: 10" x 9.75" x 5.75" (270 x 245 x 142mm)  
LX-1361: 11.5" x 9.75" x 7" (290 x 245 x 180mm)
- Net Weight: LX-1360: 9 lbs. (4kg.)  
LX-1361: 13 lbs. (6kg.)

**Perfect Solution for Bulk Fluid Inventory Management such as DEF, Antifreeze and other Compatible Fluids**

### LX-1362 Diaphragm Pump Kit

Diaphragm Pump Kit includes:

- Diaphragm Pump, 110~120V (LX-1361)
- Manual Nozzle (LX-1364)
- PVC Steel Braided Hose, 6 ft. (2m) for Inlet (LX-1367)
- Rubber Delivery Hose, 12 ft. (4m) for Outlet (LX-1374)
- Electronic Flow Meter (LX-1371)
- Steel Frame (LX-1375)
- **Not suitable for use with Oil or Petroleum-based products such as Kerosene, Diesel, Gasoline, etc.**

LX-1360



LX-1361



LX-1362





**LX-1363 12V, DC, Diesel Transfer Pump**

High-strength Cast Iron construction for exceptional Durability in all types of weather. Lightweight and Portable. Ideal for transferring Diesel, Light Oils and Kerosene. Self-priming Pump with Direct Transmission and Inner Recirculation to extend pump life while preventing over pressurization. Designed with a continuous 30 minute Duty Cycle and Self priming mechanism to prevent premature motor and pump damage due to dry operation.

Smooth Operating, High Performance 1/4 HP, 3600 RPM, 12V DC Motor efficiently transfers 12 GPM (45L/Min). Features a Bypass Valve for Motor Protection and Strong Seals for Leak Protection. Includes 3/4" (19mm) Strainer to keep particles out of Fluids. Includes 6.4 Ft. (2m) Battery Cable with Clamps for user Convenience.

**Wetted Components:** Nylon (NYL); Thermoplastic Polyurethane (TPU); Polypropylene; Nitrile Rubber (Buna-N/NBR); Stainless Steel (SS 304)

Not to be used for Dispensing Gasoline, Alcohol, Waste Vegetable Oil or Biodiesel Fuels.

- Voltage: 12V
- Amps: 14.5A
- Speed: 3600 RPM
- Flow Rate: 12 GPM (45L/Min)
- Pressure: 15 PSI (1 Bar)
- Max. Suction Lift: 10 ft. (3m)
- Max. Total Head: 23 ft. (7m)
- Self-Priming up to 23 ft. (7m) above liquid level
- Inlet and Outlet Diameter: 3/4" (19mm), Pipe Thread
- Maximum Liquid Temperature: 140° (60°C)
- Dimensions: 8" x 7.7" x 6" (203 x 185 x 151mm)
- Mounting Base: 2.75" x 2" (69 x 53mm)
- Weight: 5 lbs. (2.1kg.)
- Power: 175W
- On/Off Switch
- Continuous Duty Cycle: 30 minutes
- Not suitable for use with Gasoline, Alcohol, Waste Vegetable Oil or Biodiesel Fuels

**LX-1371 Electronic Flow Meter**

Simple, Reliable, Versatile and Economical. The Lumax Digital meter provides accurate readings while dispensing fluids. Easy-to-read large, four digit, 1" (25mm) LCD display that can be calibrated in Gallons, Quarts, Pints and Liters.

Easy installation in-line or at end of delivery hose. Display can be rotated in 4 different positions. Suitable for DEF/Urea/AdBlue®, Water, Petroleum based fluids, Water-based Chemicals and Chlorinated Solvents. Uses two AAA 1.5V Batteries

- Construction: Ryton® Polyphenylene Sulfide (PPS)
- Accuracy: ±0.5%
- LCD Display: Up to 5 digits. Accuracy: ±1%
- Connections Size: 1" NPT
- Flow Range: 3-30 GPM (10L-100L/min)
- Max. Pressure: 300 PSI (20 Bar)
- Working Voltage: 2.3-3.3V
- Standby Time: 2 years
- Single Count: 0.00-999.99
- Accumulative Count: 0.00-99999.99
- Maximum Liquid Temperature: 140° (60°C)

**Wetted Components:** Ryton® Polyphenylene Sulfide (PPS); Stainless Steel (SS 304)

Not suitable for use with: Acetone, Ammonia, Bleach Solutions, Brake Fluid (Hexylene Glycol) Chlorine, Hydraulic Oil, Lacquers & Lacquer Solvents and Methanol

LX-1363



LX-1371



**Fuel Control Nozzles - Suitable for use with all Fuels, including, DEF/Urea/AdBlue®**



- Adjustable Trigger
- Flow Rate: Up to 15 GPM (60L/min)
- Outlet Tube Size: 3/4" (19mm)

**LX-1364 Manual Nozzle**

- Manual, Adjustable Trigger
- Inlet tube Material: Stainless Steel (SS 304)
- Body Material: Polypropylene (PP)

LX-1364



**LX-1365 Automatic Nozzle**

- Automatic Locking Trigger for Hands-free Operation
- Inlet tube Material: Stainless Steel (SS 304)
- Body Material: Polypropylene (PP)

LX-1365



**LX-1366 Heavy-duty, Auto Nozzle**

- Automatic Locking Trigger for Hands-free Operation
- Inlet tube Material: Stainless Steel (SS 304)
- Body Material: Stainless Steel (SS 304)

LX-1366

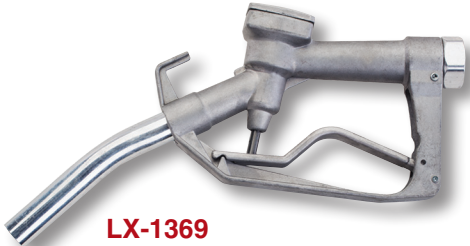


**Fuel Control Nozzles - Suitable for use with Oil, Diesel, Gasoline and Kerosene Only**

**LX-1369 Manual Nozzle**

- Construction: Aluminum
- Inlet: 3/4" NPT
- Spout Diameter: 13/16" (21mm)
- Not Suitable for DEF/Urea/AdBlue®

LX-1369



**LX-1370 Heavy-duty, Automatic Nozzle**

- Construction: Aluminum
- Inlet: 3/4" NPT
- Spout Diameter: 15/16" (24mm)
- Not Suitable for DEF/Urea/AdBlue®

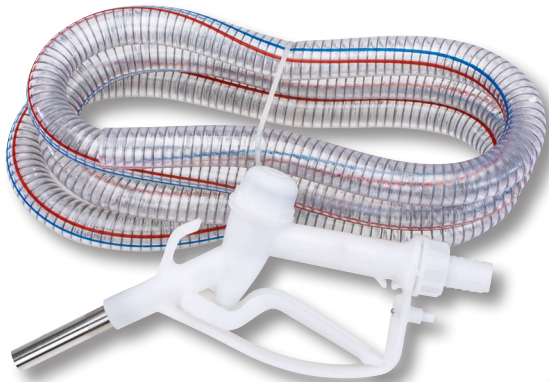
LX-1370



**LX-1367 Nozzle Kit**

- Suitable for DEF/Urea/AdBlue®
- Manual, Adjustable Trigger
- Construction: Polypropylene (PP) and Stainless Steel (SS 304)
- PVC Wire Braided Hose, 10 ft. (3m)

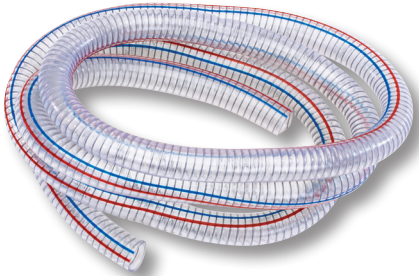
LX-1367



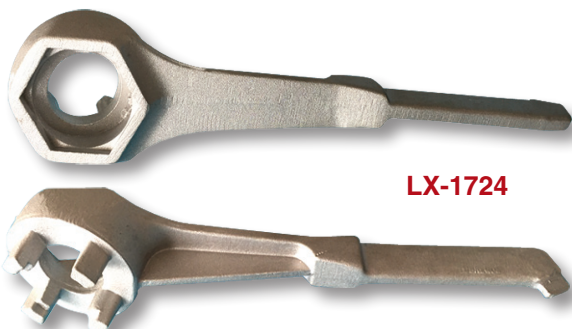
**LX-1368 Wire Braided Hose 10 ft. (3m)**

- Uses: Suitable for DEF/Urea/AdBlue®
- Construction: Stainless Steel (SS 304) and PVC

LX-1368







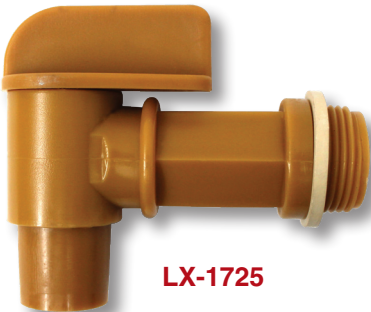
LX-1724

Drum Accessories

LX-1724 Aluminum Drum Wrench  
3/4" Slotted Bung and 2" Bar Bung

Ideal for use with Plastic or Metal Drum Bungs. Opens and tightens most 2" (50mm) and 3/4" (19mm) Drum Plugs. Aluminum Construction Permits use with Hazardous Materials.

- Non-Sparking Cast Aluminum
- Hardened and Tempered for Increased Strength
- Offset Handle for increased Leverage
- Lightweight and Compact Design for easy storage
- Overall Length: 10-1/2" (275mm) • Weight: 8 oz. (225g)



LX-1725

LX-1725 Plastic Drum Faucet, 3/4" NPT

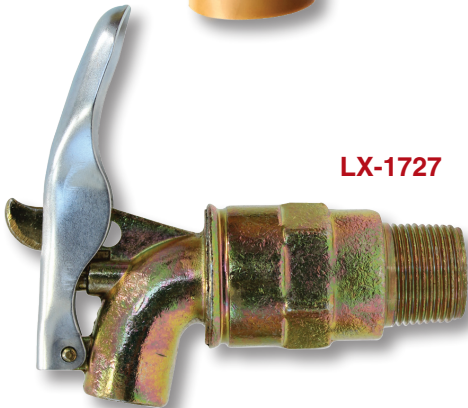
- For use with 15, 30 & 55 Gallon (57L, 114L & 210L) Plastic or Steel Drums
- Fits 3/4" Neck
- Recommended for dispensing Non-Corrosive Fluids, Lightweight Oils, Mild Chemicals, most Water-based Fluids and Cleaning Solutions
- Tough & Durable Polyethylene material for good resistance to Chemicals
- Comes with leak-proof EPDM Gasket
- Can be adjusted to dispensing position without thread damage or leakage
- Liquid Temperature Range: 40°-140°F (4°-60°C)
- For Non-Flammable liquids only



LX-1726

LX-1726 Plastic Drum Faucet, 2" NPT

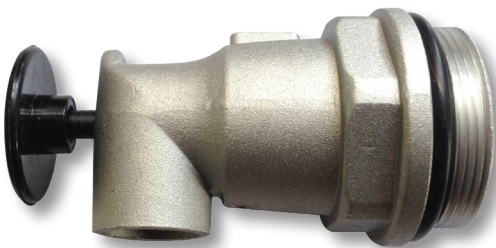
- For use with 15, 30 & 55 Gallon (57L, 114L & 210L) Plastic or Steel Drums
- Large Bore for emptying Drum quickly. Empty a 55 Gallon (210L) drum in less than 3 minutes
- Recommended for dispensing Non-Corrosive Fluids, Lightweight Oils, Mild Chemicals, most Water-based Fluids and Cleaning Solutions
- Tough & Durable Polyethylene material for good resistance to Chemicals
- Comes with leak-proof EPDM Gasket
- Can be adjusted to dispensing position without thread damage or leakage
- Liquid Temperature Range: 40°-140°F (4°-60°C)
- For Non-Flammable liquids only



LX-1727

LX-1727 Self-Closing, Alloy Body Drum Faucet, 3/4" NPT

- Self-closing Safety Design
- Lever can be locked with a Padlock
- Zinc Alloy Die-Cast Body with Zinc Plated Steel Lever
- Comes with leakproof Nylon Valve
- 50 PSI (3.5bar) Pressure Rating
- For Non-Flammable liquids only. Not for use with Corrosive Fluids, Acids, Highly Alkaline Liquids or Chlorinated Solvents



LX-1728

LX-1728 Self-Closing, Aluminum Drum Faucet, 2" NPT

- Convenience and Safety in one with the Die-cast Aluminum Self-closing "Push-button" Faucet. Ideal for working with fluids that are chemically compatible with aluminum
- For use with 15, 30 & 55 Gallon (57L, 114L & 210L) Plastic or Steel Drums with 2" (50mm) openings
- Capacity: 5 GPM (19LPM)
- Includes Nitrile Rubber Gasket and Seal
- Used for Detergents, Oils, Water, Soaps, Mild Acids and Alcohols, Dyes or Lubricants compatible with faucet materials.

Lumax Pumps - Chemical Compatibility Chart



Caution: The Materials List below is to be referred for Guidance only in selecting Equipment for Appropriate Chemical Compatibility. ALWAYS Test your Equipment under the Specific Conditions of your Application before Permanent Installation. Ratings of Chemical Behavior listed in this Manual apply at a 48 Hour Exposure Period. Lumax has No Knowledge of Possible Effects beyond this Period. All Recommendations are Based on Room Temperature (72°F/22°C) Exposure. Compatibility Results may deviate from these Recommendations at Elevated Temperatures. Recommendations are based on Presence of Listed Chemical Only. Mixtures containing more than one Chemical can greatly affect Chemical Compatibility. Polypropylene Products and Components should not be used with Low Flash Point Chemicals, regardless of Chemical Compatibility Results. Failure, Improper Selection, or Improper Use of the Products referred to and described herein or related items can cause Severe Personal Injury or Property Damage. This Document provides Product Options for further Investigation by Users having Technical expertise. It is Important that you Analyze all Aspects of your Application and Review the information concerning the Product or System.

Ratings: Chemical Effect			Good		Lumax Pump Model									Not Recommended			
Chemical	LX-1300 LX-1301	LX-1302 LX-1304	LX-1316	LX-1318	LX-1320	LX-1321	LX-1322	LX-1323	LX-1324	LX-1326	LX-1327	LX-1328	LX-1329	LX-1330	LX-1331		
Acetaldehyde																	
Acetic Acid 20-50%																	
Acetic Anhydride																	
Acetone																	
Alcohol: Amyl																	
Alcohol: Benzyl																	
Alcohol: Butyl																	
Alcohol: Diacetone																	
Alcohol: Ethyl (Ethanol)																	
Alcohol: Hexyl (1•Hexanol)																	
Alcohol: Isobutyl																	
Alcohol: Isopropyl																	
Alcohol: Methyl (Methanol)																	
Alcohol: Propyl																	
Aluminum Sulfate																	
Ammonia, Anhydrous																	
Ammonia Liquids																	
Ammonium Hydroxide																	
Anti-Freeze (Alcohol Base)																	
Anti-Freeze (Glycol Base)																	
Benzene																	
Benzoic Acid																	
Bleach Solutions																	
Boric Acid - 30%																	
Brake Fluid (Hexylene Glycol)																	
Calcium Carbonate																	
Calcium Chloride																	
Calcium Hypochlorite - 20%																	
Calcium Sulfate																	
Chlorine, Wet																	
Chlorox																	
Citric Acid																	
Copper Chloride																	
Copper Sulfate																	
Detergent Solutions																	

Tip: To maintain Pump Performance Lumax recommends that the User empty and flush the Pump prior to any Inactivity of two Weeks or more. For best Results, empty the Pump Contents and then Pump Demineralized Water or other Suitable Cleaner compatible with your Pump's Components.

Lumax Pumps - Chemical Compatibility Chart

Ratings: Chemical Effect	Good		Lumax Pump Model											Not Recommended			
Chemical	LX-1300 LX-1301	LX-1302 LX-1304	LX-1316	LX-1318	LX-1320	LX-1321	LX-1322	LX-1323	LX-1324	LX-1326	LX-1327	LX-1328	LX-1329	LX-1330	LX-1331		
Diesel Oil (Fuel ASTM #2)																	
Ethyl Acetate																	
Ethylene Glycol																	
Formaldehyde																	
Formic Acid																	
Fruit Juices																	
Fuel Oils (ASTM #1 thru #9)																	
Gasoline (Unleaded)																	
Gasoline (Petrol)																	
Glycerol (Glycerine)																	
Grease																	
Heptane (Brake Cleaner)																	
Hexane																	
Hexyl Alcohol (Hexanol)																	
Hexylene Glycol (Brake Fluid)																	
Hydraulic Oil																	
Hydrochloric Acid - 20%																	
Hydrochloric Acid - 30%																	
Hydrogen Peroxide - 30%																	
Isobutyl Alcohol																	
Isopropyl Alcohol																	
Jet Fuels (JP1 to JP6)																	
Kerosene																	
Lacquers																	
Lacquer Solvents																	
Lactic Acid																	
Lubricating Oils (Petroleum)																	
Methyl Ethyl Ketone																	
Mineral Oil (Petroleum)																	
Motor Oil																	
Naphtha																	
Nitric Acid - 50%																	
Oils, Animal																	
Oils, Mineral																	
Oils, Vegetable																	
Oxalic Acid																	
Petroleum (Crude Oil)																	
Phosphoric Acid - 50%																	
Photographic Developer																	
Potassium Chloride																	
Potassium Hydroxide (Caustic Potash)																	
Propylene Glycol																	

Tip: To maintain Pump Performance Lumax recommends that the User empty and flush the Pump prior to any Inactivity of two Weeks or more. For best Results, empty the Pump Contents and then Pump Demineralized Water or other Suitable Cleaner compatible with your Pump's Components.

Lumax Pumps - Chemical Compatibility Chart

Ratings: Chemical Effect	Good		Lumax Pump Model											Not Recommended			
Chemical	LX-1300 LX-1301	LX-1302 LX-1304	LX-1316	LX-1318	LX-1320	LX-1321	LX-1322	LX-1323	LX-1324	LX-1326	LX-1327	LX-1328	LX-1329	LX-1330	LX-1331		
Salt Water (Brine)																	
Sea Water (Brine)																	
Silicone Oils																	
Soap Solutions																	
Soda Ash (Sodium Carbonate)																	
Sodium Bicarbonate																	
Sodium Chlorate																	
Sodium Chloride																	
Sodium Chromate																	
Sodium Hydroxide - 50%																	
Sodium Hypochlorite (Bleach)																	
Sodium Nitrate																	
Sodium Nitrite																	
Sodium Peroxide																	
Sodium Phosphate																	
Sodium Silicates																	
Sodium Sulfate																	
Sodium Sulfide																	
Sodium Sulfite																	
Stearic Acid																	
Stoddard Solvent																	
Sulfuric Acid - 75%																	
Tallow																	
Toluene, Toluol																	
Transformer Oil																	
Transmission Fluid (Type A)																	
Trichlorethane																	
Trichlorethylene																	
Turpentine																	
Urea/DEF/Ad Blue																	
Varnish																	
Vegetable Juices																	
Vegetable Oils																	
Vinegar																	
Water, Distilled (Deionized)																	
Water, Fresh																	
Wines																	
Xylene																	
Zinc Chloride																	
Zinc Sulfate																	

**WARNING:** Although Gasoline is Oil Based, it is Explosive & Extremely Dangerous to Pump. Ground Wires are Essential and Required for Gasoline and Flammables



Lumax Pumps Chemical Compatibility Chart

Ratings: Chemical Effect	Good												Not Recommended			
	LX-1332	LX-1334	LX-1336	LX-1337	LX-1338	LX-1339	LX-1341	LX-1342	LX-1344	LX-1345	LX-1348	LX-1352	LX-1360	LX-1361	LX-1362	LX-1363
Acetaldehyde																
Acetic Acid 20-50%																
Acetic Anhydride																
Acetone																
Alcohol: Amyl																
Alcohol: Benzyl																
Alcohol: Butyl																
Alcohol: Diacetone																
Alcohol: Ethyl (Ethanol)																
Alcohol: Hexyl (1•Hexanol)																
Alcohol: Isobutyl																
Alcohol: Isopropyl																
Alcohol: Methyl (Methanol)																
Alcohol: Propyl																
Aluminum Sulfate																
Ammonia, Anhydrous																
Ammonia Liquids																
Ammonium Hydroxide																
Anti-Freeze (Alcohol Base)																
Anti-Freeze (Glycol Base)																
Benzene																
Benzoic Acid																
Bleach Solutions																
Boric Acid - 30%																
Brake Fluid (Hexylene Glycol)																
Calcium Carbonate																
Calcium Chloride																
Calcium Hypochlorite - 20%																
Calcium Sulfate																
Chlorine, Wet																
Chlorox																
Citric Acid																
Copper Chloride																
Copper Sulfate																
Detergent Solutions																
Diesel Oil (Fuel ASTM #2)																
Ethyl Acetate																
Ethylene Glycol																
Formaldehyde																
Formic Acid																
Fruit Juices																
Fuel Oils (ASTM #1 thru #9)																

Tip: To maintain Pump Performance Lumax recommends that the User empty and flush the Pump prior to any Inactivity of two Weeks or more. For best Results, empty the Pump Contents and then Pump Demineralized Water or other Suitable Cleaner compatible with your Pump's Components.

Lumax Pumps Chemical Compatibility Chart



Ratings: Chemical Effect	Good												Not Recommended			
	LX-1332	LX-1334	LX-1336	LX-1337	LX-1338	LX-1339	LX-1341	LX-1342	LX-1344	LX-1345	LX-1348	LX-1352	LX-1360	LX-1361	LX-1362	LX-1363
Gasoline (Unleaded)																
Gasoline (Petrol)																
Glycerol (Glycerine)																
Grease																
Heptane (Brake Cleaner)																
Hexane																
Hexyl Alcohol (Hexanol)																
Hexylene Glycol (Brake Fluid)																
Hydraulic Oil																
Hydrochloric Acid - 20%																
Hydrochloric Acid - 30%																
Hydrogen Peroxide - 30%																
Isobutyl Alcohol																
Isopropyl Alcohol																
Jet Fuels (JP1 to JP6)																
Kerosene																
Lacquers																
Lacquer Solvents																
Lactic Acid																
Lubricating Oils (Petroleum)																
Methyl Ethyl Ketone																
Mineral Oil (Petroleum)																
Motor Oil																
Naphtha																
Nitric Acid - 50%																
Oils, Animal																
Oils, Mineral																
Oils, Vegetable																
Oxalic Acid																
Petroleum (Crude Oil)																
Phosphoric Acid - 50%																
Photographic Developer																
Potassium Chloride																
Potassium Hydroxide (Caustic Potash)																
Propylene Glycol																
Salt Water (Brine)																
Sea Water (Brine)																
Silicone Oils																
Soap Solutions																
Soda Ash (Sodium Carbonate)																
Sodium Bicarbonate																
Sodium Chlorate																

Lumax Pumps Chemical Compatibility Chart

Ratings: Chemical Effect	Good											Lumax Pump Model				Not Recommended			
Chemical	LX-1332	LX-1334	LX-1336	LX-1337	LX-1338	LX-1339	LX-1341	LX-1342	LX-1344	LX-1345	LX-1348	LX-1352	LX-1360	LX-1361	LX-1362	LX-1363			
Sodium Chloride																			
Sodium Chromate																			
Sodium Hydroxide - 50%																			
Sodium Hypochlorite (Bleach)																			
Sodium Nitrate																			
Sodium Nitrite																			
Sodium Peroxide																			
Sodium Phosphate																			
Sodium Silicates																			
Sodium Sulfate																			
Sodium Sulfide																			
Sodium Sulfite																			
Stearic Acid																			
Stoddard Solvent																			
Sulfuric Acid - 75%																			
Tallow																			
Toluene, Toluol																			
Transformer Oil																			
Transmission Fluid (Type A)																			
Trichlorethane																			
Trichlorethylene																			
Turpentine																			
Urea/DEF/Ad Blue																			
Varnish																			
Vegetable Juices																			
Vegetable Oils																			
Vinegar																			
Water, Distilled (Deionized)																			
Water, Fresh																			
Wines																			
Xylene																			
Zinc Chloride																			
Zinc Sulfate																			

Approximate Viscosities of Common Materials (at Room Temp. 70°F/ 20°C)

Material	Viscosity in Centipoise (cPs)	Viscosity in Saybolt Universal (SSU)
Water	1 cPs	31 SSU
Milk	3 cPs	36 SSU
SAE 10 Motor Oil	85-140 cPs	455-690 SSU
SAE 20 Motor Oil	140-420 cPs	690-2,050 SSU
SAE 30 Motor Oil	420-650 cPs	2,050-3,140 SSU
SAE 40 Motor Oil	650-900 cPs	3,140-4,300 SSU

Material	Viscosity in Centipoise (cPs)	Viscosity in Saybolt Universal (SSU)
Castrol Oil	1,000 cPs	4,600 SSU
Karo Syrup	5,000 cPs	23500 SSU
Honey	10,000 cPs	46500 SSU
Chocolate	25,000 cPs	115000 SSU
Ketchup	50,000 cPs	231000 SSU
Mustard	70,000 cPs	323500 SSU
Sour Cream	100,000 cPs	462000 SSU

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Lumax® eye-appealing packaging, puts many of our products within easy reach of your customers. That means when you hang up a colorful Lumax® product display, you're sure to ring up more Sales!





