



A measured step forward™

Product Range - Distribution



Total Fluid Management | Metering Transfer Chem Feed

Metering Pumps

Solenoid pumps



MAGDOS LB

The **MAGDOS LB** solenoid-diaphragm dosing pump offers the best value for simple and continuous dosing tasks. It is especially suitable for water treatment and the process industry. The MAGDOS LB is available in seven capacity ranges. Double-ball valves ensure accurate dosing. The dosing capacity can be continuously adjusted from 0 – 100% through the stroke frequency.

- Dosing head ventilation (plastic version)
- Manual control 0 – 100%
- Release Input (external start/stop)
- Level input with early warning and main alarm
- Multi-color Status LED
- Pump can be wall or floor mounted



MAGDOS LD

The **MAGDOS LD** plays an important role in the reliable and accurate dosing of liquids in the water treatment and process industry. Double-ball valves of this robust pump ensure accurate dosing. The stroke frequency can be adjusted manually or via an external control contact. The robust Magdos LD can be wall or floor mounted.

- Dosing head ventilation (plastic version)
- Manual control 0 – 100%
- Release Input (external start/stop)
- Graphic display (with multi-language menu)
- Password Protection
- External control with pulse input
- Level input with early warning and main alarm



MAGDOS LA

The **MAGDOS LA** features stroke frequency adjustment manually or by analog input signal (0/4 – 20 mA). Due to its very small footprint, the robust Magdos LA can be easily integrated in every dosing system. The pump can be wall or floor mounted.

The MAGDOS LA is available in seven sizes.

- Dosing head ventilation (plastic version)
- Manual control 0 – 100%
- Release Input (external start/stop)
- Graphic display (with multi-language menu)
- Password Protection
- Level input with early warning and main alarm
- External control via standard signal 0/4 - 20mA

MAGDOS LB / LD / LA*	05	1	2	4	6	10	15
Max Pressure (psig)**	260	260	260	260	145	100	50
Capacity (gph)	0.14	0.29	0.60	1.0	1.79	2.64	3.96

MAGDOS	LB	LD	LA
Dosing head ventilation (plastic version)	●	●	●
Manual control 0 – 100%	●	●	●
Release input (external start/stop)	●	●	●
Level input with early warning and main alarm	●	●	●
CSA / UL / NSF61 certified	●	●	●
Wide-range power supply unit 110 - 240 V, 50/60 Hz, IP65	●	●	●
Graphic display (with multi-language menu)	-	●	●
Password protection	-	●	●
External control with pulse input	-	●	-
External control via standard signal 0/4 – 20 mA	-	-	●



* All solenoid driven metering pumps complete with injection nozzle, foot valve, and PVC/PE tubing.

** Materials of construction: PVDF and PP standard. Please inquire for lead-times on Stainless Steel and PVC.

** Maximum pressure 260 PSI for PVDF, PP, Stainless Steel. Maximum pressure for PVC 232 PSI.

Metering Pumps

Motor driven mechanically actuated metering pumps

MEMDOS LB

The **MEMDOS LB** reliably and precisely conveys media such as acids, lyes, coagulants and flocculants thanks to the sturdy tappet drive with manual or automatic capacity adjustment.

MEMDOS LB pumps can also be supplied with a double diaphragm system and are used when the integration of the pump into controls or control circuits is required.

- Capacity range 1 to 344 gph, up to 232 psig
- Infinitely variable stroke frequency from 0 to 100%
- Tappet drive with manual and automatic capacity adjustment
- Materials available: PVC, PP, PVDF and stainless steel
- Compact design, low space requirement
- Non-leaking
- A variety of 3-phase & 1-phase motors are available
- Double-diaphragm system (optional)
- ATEX versions for Zones 1 and 2 are available
- CSA / UL / NSF61 certified



Certified to
NSF / ANSI 61

MEMDOS LB	4	4HP	10	10HP	20	20HP	35	60	80	110
Max Pressure (psig)	174	232	174	232	174	232	145	145	72	145
Capacity (gph)	1.0	2.2	2.9	6.0	5.0	9.6	9.8	16.4	21.9	29.3
MEMDOS LB	150	160	210	260	310	400	510	760	1010	
Max Pressure (psig)	72	145	116	116	87	87	72	72	58	
Capacity (gph)	36.7	40.7	57.9	72.4	84.3	105.1	143.7	204.2	287.5	

Lutz Pumps Sets

Lutz B2 Vario Drum and Laboratory Pump

Safety First

Personal safety and the environment are of vital importance when it comes to handling chemicals or other dangerous liquids, particularly when transferring small amounts of liquid.

The Lutz B2 Vario provides a complete solution. The infinitely variable speed controller with an integrated SAFETY on/off switch allows controlled and comfortable filling of smaller and larger amounts of liquid.

Simple and safe to operate by integrated ergonomically designed handles and nozzle

Different lengths available

19", 27" and 39" for the use in small vessels up to 55 gal. drums

Wide range of applications due to the **sealless construction**

Available in **110 V/230 V motor**

Available in **polypropylene, polyvinylidene fluoride** and **stainless steel 316**

Complete Set

Pump, 5' PVC-hose, PP nozzle, 2 hose clamps, wall bracket



Set:

Lutz B2 Vario with 110 V motor and PP pump tube

- 5' PVC-hose
- PP Nozzle
- 2 Hose Clamps
- Wall Bracket



Set:

Lutz B2 Vario with 110 V motor and Stainless Steel (316 Ti) pump tube

- 5' PVC-hose
- PP Nozzle
- 2 Hose Clamps
- Wall Bracket

Model	Lutz B2 Vario PP-SL 32	Lutz B2 Vario SS-SL 28
Housing	PP	Stainless Steel (316 Ti)
Seals	None	None
Bearings	ETFE/PTFE	ETFE/PTFE
Drive shaft	Hastelloy C	Stainless Steel (316 Ti)
Examples of Media	Ammonia solution, glycols, phosphoric acid, hydrochloric acid, hydrogen peroxide, etc.	Oil based lubricants, non-flammable, solvents, plasticizer, etc.
Type of Impeller	Axial-flow rotor (R)	Axial-flow rotor (R)
Max. Viscosity	Max. 300 CPS	Max. 300 CPS
Max. Capacity	10 GPM	10 GPM
Impeller	PP	ETFE

Lutz Pumps Sets

Drum Pump Sets for Acids and Base solutions



Set:

Motor B36 with 16 ft cord or MD2 air motor, pump tube PP 39" sealless, high head impeller, Hastelloy C shaft, PP Barrel Adaptor, 3/4" PP Nozzle, 8' PVC Hose, Hose Clamps, Wall Hanger



Type of Motor	B36	MD2 AIR MOTOR
Max. Viscosity	760 CPS	1100 CPS*
Max Capacity	13.2 GPM	13.2 GPM
Max. Temp.	122 °F	122 °F
Max. S.G.	1.4	1.6
Immersion Depth	39"	39"

*Max. 760 CPS is with hand nozzle



Set:

Motor B55T-5 with 16 ft cord or MD2 air motor, pump tube PVDF 39" sealless, high head impeller, Hastelloy C shaft, PP Barrel Adaptor, 1" PVDF Nozzle with swivel, 8' Chemical Hose, Hose Clamps, Wall Hanger



Type of Motor	B55T-5	MD2 AIR MOTOR
Max. Viscosity	760 CPS	1100 CPS*
Max Capacity	13.2 GPM	13.2 GPM
Max. Temp.	176 °F	176 °F
Max. S.G.	1.6	1.6
Immersion Depth	39"	39"

*Max. 760 CPS is with hand nozzle

AODD Pumps

Products you can rely on

Advantages of Lutz-JESCO AODD Pumps

- Absolutely lube free valve
- Corrosion free materials of construction
- Non-stalling function at low pressures
- Conductive materials available
- No close fitted or rotating parts
- Can safely run dry
- Variable pressure and speed
- No generated heat due to the absence of an electric motor
- Minimal product shear
- Self-priming, dry or wet
- No dynamic seals
- Portable
- Continuous running
- Can handle abrasive solids
- High dependability through modern valve technology
- Hermetically sealed system
- Easy assembly and disassembly
- No leakage and contamination in the compressed air system due to an improved air valve
- Gentle pumping of liquids and pastes



LJ 1/4"- Durable, low initial cost, and easy to maintain

For the laboratory sector, small plants, requirements with small delivery volume at relatively high pressure.

Delivery rate	5.7 GPM
Delivery head	120 PSI
Materials	PP, PVDF



LJ 1/2" - Popular, versatile, and quiet

55 gal. drum pumping, ink recirculation and feed, chemicals, solvents, acids, soap dispensing.

Delivery rate	17 GPM
Delivery head	120 PSI
Materials	PP, PVDF, Nylon



Delivery rate	15 GPM
Delivery head	120 PSI
Materials	Aluminum, Stainless Steel

AODD Pumps

For a variety of applications



LJ 1" - Handles sludges, slurries, and viscous liquids

Drum and small tank transfer, pickling solutions, chemical feed.

Delivery rate	41 GPM
Delivery head	120 PSI
Materials	PP, PVDF



Delivery rate	48 GPM
Delivery head	120 PSI
Materials	Aluminum, Stainless Steel



LJ 1 1/2" - For large transfer applications

Filter press, tank cleaning systems, pigments and resins. Heavy duty air section ensures stall-free and freeze-free operation.

Delivery rate	130 GPM
Delivery head	120 PSI
Materials	PP, PVDF



Delivery rate	115 GPM
Delivery head	120 PSI
Materials	Aluminum, Stainless Steel



Total Fluid Management

Lutz-JESCO America is your reliable partner for all of your chemical metering and transfer applications. Our Distribution Program includes our state-of-the-art Metering Pumps, the Lutz industry-standard Drum and Container Pumps, and our time-proven AODD Pumps.

Please contact us for more information!

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