

Pneumatic double diaphragm pumps

Low air consumption, Large capacity, Compact size, High performance



L4

*Main products handling

- Paints
- Primer
- Solvents
- Enamels
- Inks
- Resins
- Stickers
- Adhesives
- Dyes
- Glue
- Lacquers
- Lubricants
- Vegetable and mineral oils
- Release agents
- Insulators
- Acids
- Caustics
- Detergents
- Chemical products in general
- Corrosive fluids, abrasive, high-density

**Larius analyses the technical specifications sheet of the product to recommend the most suitable equipment for the required use.*

The L 2 and L 4 double diaphragm pumps are an efficient solution for the transfer and transport of low-medium and high-viscosity fluids.

The double diaphragm pumps are composed of two chambers that, in alternating phases, “suction” and “transport” the product.

Application areas

- Lubrication
- Ink transfer
- Transfer of paints and solvents
- Transfer and paint circulation
- Dosage of chemicals
- Protective coatings
- Fluid Transfer
- Filling-emptying barrels
- Supply of oils
- Graphic arts
- Print
- Tannery
- Flexography
- Woodworking and plywood
- Cosmetic Industry
- Mechanic industry
- Paper industry
- Automotive industry
- Carpentry
- Railways
- Supply ceramic pastes screen printing machines
- Water and liquid waste removal
- Evacuation of fluids

Double diaphragm pumps L2 - L4 Certified ATEX Ⓢ II 2G cIIB T4

	L2	L4
Pump material	Aluminum - SS	Aluminum - SS
Use	Transfer of low and medium viscosity fluids	Transfer of medium and high viscosity fluids
Diaphragm material	PTFE - Rubber	PTFE - Rubber
Pressure ratio	1:1	1:1
Max. flow rate	21 l / min	40 l / min
Max supply pressure	7 bar	8 bar
Max air consumption l/m	120 l/min	190 l/min
Air inlet	1/4" GAS	1/4" GAS
Material inlet	1/2 "GAS	1"GAS
Outlet material	1/2 "GAS	1"GAS
Max. head metres of suction	5 mt	5 mt
Dimensions	170x230x196	205x320x220
Weight	6 kg	9 kg
Maximum diameter of solid parts	2,4 mm	3 mm

On request are available versions of L2 and L4 transfer pumps in aluminum or SS for abrasive products

Advantages

- Starting point at minimal work pressure
- High transfer efficiency even with viscous fluids
- Low noise level
- Quick priming and immediate flow of product
- Any leakage of the product
- Reinforced Membranes for long life
- External corrosion and leak-resistant construction to ensure clean fluid parts
- Pump is never plunged inside the drum: only suction hose is plunged in the drum
- Speed fine tuning while maintaining pressure high
- The flow reduces the work cycles and wear
- Mounting on wall brackets or directly on the tank
- Minimum maintenance

