

# Pneumatic Piston Pump- Serie **ARGON**

## **ARGON 48**



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## Features

ARGON 48 pneumatic airless piston pumps use an avant-garde technology. The instant volumetric reversal of pneumatic motor allows to use the equipments with a small air lubrication and has no freezing troubles. The pistons are hard chrome treated for a longer life. Tungsten carbide valves.

## Pump's operation

The principle of operation of a pneumatic airless pump is based on the pneumatic movement. The devices are connected to a compressed air network, which through an air regulator, leads into the pump the compressed air. The compressed air drives the movement of the piston, so that, once the air enters in the pump's motor the reversal body pushes the piston down, once finished its stroke, thanks to the inversion system, the piston performs the opposite movement. The slow cycle of the double-acting piston generates the suction of the liquid along the suction hose and contemporary its compression. The high pressure pushes the product suctioned along the high pressure hose up to the spray gun.

It's an airless pneumatic piston pump with ratio 48:1. This unit can handle all types of materials: thick and thixotropic products (normally used in the shipyards), fireproofing products, water and corrosion proofing products. ARGON 48 is ideal in the big industry, in the big carpentry, in the mechanical industry, shipyards, where a high productivity and the possibility of working continuously are required.

## TECHNICAL DATA:



Pneumatic Motor instant volumetric reversal

Ratio	48:1
Pump Capacity per Double Stroke	cm <sup>3</sup> 110
Stroke	mm 100
Max. Delivery	ltr/min 25,0
	1 Gun 0,051
Max. Spray Tip	2 Guns 0,025
	3 Guns ---
Max. Working Pressure Bar (PSI)	385 (5584)
Max. Air Inlet Pressure Bar (PSI)	8 (116)
Weight	kg. 54
Air Consumption	ltr/min 600 -2650
Max. Viscosity suggested (Centipoise)	1.500
Packing type:	Fix

## Applications

Alcohol, Anti roar, Adhesives, Detergents, Release agents, Epoxy, Greases, Vegetable greases, Water-based paints, Inks, Lubricants, Mastics, Oils, Sealants, Solvents, Spot, Sealers, Paints, Oil-based paints, Acrylic paints

## Application's fields:

Craftsmen • Carpentry • Wood industry • Railways industry • Automotive industry • Construction industry • Mechanical Engineering • Shipyard