

Hydraulic Piston Pump - Serie **IRON**

IRON 21000



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Features

The electric motor is H class, that means: maximum quality and safety. It can work in very bad conditions and with very high temperature. An automatic system stops the pump when exceeding the electric safety limits. All parts in contact with the product are in stainless steel in order to grant the highest performance.

Pump's operation

The operation of MASTER hydraulic airless piston pumps is based on a hydraulic movement. The devices are equipped with a hydraulic pump which pumps continuously hydraulic oil from the control unit to the reversal body. The hydraulic oil drives the movement of the piston, for which, once the hydraulic oil enters the reversal body, pushes the piston down, vice versa, when the piston is located in the bottom of the stroke, the hydraulic shuttle reverses the flow and pushes the piston upwards. The hydraulic pressure is regulated by a control valve adjusted by a knob.

It is an hydraulic airless piston pump. It has been designed for spraying all kind of tixotropic products in Building, Water-proofing application, industrial carpentry, plastering, etc..

TECHNICAL DATA



Motor Volt		230 V
		50 Hz
Variant		380 V
		50 Hz
Power		3 HP
Pump Capacity per Double Stroke	cm ³	73
Max. Delivery	ltr/min	6,5
Max. Delivery w/tip	ltr/min	5,5
Stroke	mm	80
Max. Spray tip	1 Gun	0,041
	2 Guns	0,021
	3 Guns	---
Max. Working Pressure	Bar (PSI)	210 (3046)
Max. hose length	mt.	100
Max. hose length (elevation)	mt.	100
Weight	kg.	96
Max. suggested Viscosity (Centipoise)		1.500

Applications

Acrylic, Rustproofing, Bituminous Coatings, Elastomers, Emulsions, Fixatives, Funds, Plasters, Water-based paints, Fireproof Coatings, Waterproofing Coatings, Impregnating Coatings, Encapsulants Coatings, Self-leveling plaster, Premixed plaster, Intumescent, Insulators, Lacquers, Primer, Plasters, Epoxy resins, Fillers, Enamels, Ready-mix Plasters, Paints



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