

## Bond | Protect | Beautify

With our manual guns, automatic and robotic applicators, supplied by our wide range of pumps & machines for fluid handling, dosing, mixing & dispensing.

**SAMES KREMLIN** provides industrial solutions for production increase, quality improvement, material & cost savings.

We are designers and manufacturers of process equipment that is divided into 6 ranges:

**Airspray:** Since 1925, we have been an Airspray manufacturer bringing you the very best in finishing.

**Airmix®:** Creator of Airmix® Technology since 1975, we provide the perfect mix between quality and productivity.

**Airless:** We provide premium Airless Products for finishers with demanding applications.

**REXSON Dispense:** Pumping beyond possible, dispensing precisely.

**Electrostatic liquid:** expertise for high finishing quality & efficiency.

**Powder:** Powder coating solutions for the highest Productivity since 1960.

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[www.sames-kremlin.com](http://www.sames-kremlin.com)



Apply your Skills



## AIRMIX® 20C100 AIRLESS 40C100



- Ideal for AIRMIX® or AIRLESS spraying upon versions
- High efficiency pump for maximum energy savings
- Optimized construction: simple and quick maintenance

### Related Technologies



Chevron Sealing



Cup Lub



2 Ball



Triple chrome layer

# 20C100 & 40C100

## PISTON PUMP



### TECHNICAL DATA

	AIRMIX® 20C100	AIRLESS 40C100	
Pressure ratio	20/1	40/1	
Fluid volume per cycle (cm3)		100	
Number of cycles per litre of products		10	
Fluid Output at 30 cycles/mn (L/mn)		3	
Air consumption (m3/h) at 30 cycles/mn at 4 bar	21,6	43,2	
Free flow rate (L/mn)		6	
Maximum air inlet pressure (bar)		6	
Maximum fluid pressure (bar)	120	240	
Maximum fluid Temperature (°C)		60	
Balanced acoustic pressure (dBA)	78	82	
Sealing Packings	Upper sealing	polyfluid + PTFE G or GT seal	polyfluid + PTFE G
	Lower sealing		Join
Weight (kg) (w/o supports or nods)	22	22	
Wetted parts	Hard chrome stainless steel, stainless steel, carbide, polycetate		

## ADVANCED TECHNOLOGY FOR HIGH PERFORMANCES

**20C100 and 40C100 pumps** are based on 90 years of **SAMES KREMLIN innovation and technical expertise**. Developed to reach customers most stringent demands, this pump range is designed to apply a large range of materials while **minimizing maintenance and production costs**.

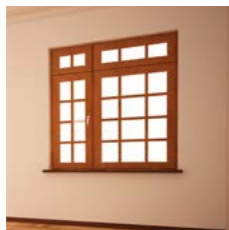
This pump range is the ideal partner of your **AIRMIX® and/or AIRLESS spray guns**.

A large choice of accessories allows to create various AIRMIX® & AIRLESS configurations to meet all customer requirements.

## MATERIAL HANDLED

One component or two component or water-based materials, high solids, varnishes, lacquers, polyurethanes, stains, epoxy, single or two-component adhesives.

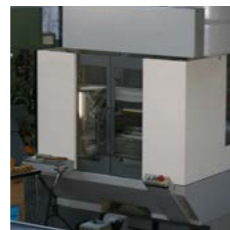
## RECOMMENDED MARKETS



FURNITURE



KITCHEN AND BATHROOM



MACHINES TOOLS



ROLLING EQUIPMENT

## CUSTOMER BENEFITS

- Priming at very low air pressure
- Constant delivery and pulse free for superior finish
- Fluid section designed to handle a large range of viscosity material
- Reduced flushing wastage & fast color changes
- Low air consumption

### RELIABILITY

Sleek design: few parts. The inversion system provides a fast changeover for a constant material delivery

### PERFORMANCE

Quiet air motor to preserve working environment.

### DURABILITY

Full stainless steel construction: the piston receives a triple layer of chrome.

### PRODUCTIVITY

- Quick flushing and product changes thanks to the construction.
- The mobile seal located on the piston ensures the mechanical cleaning of the fluid section internal wall during the pump run.

### PERFORMANCE

A choice of 3 air motor sizes to deliver the product at the right pressure for a high quality finish while optimizing air consumptions.

### RELIABILITY

Polyfluid and PTFE graphite seal for improved wear resistance or GT for milled friction and quicker flushing.

### DURABILITY

Simple design with few parts for extended life time.

### SIMPLICITY

Lower mobile single-lip packing (GT) for reduced friction and improved efficiency.

