

# 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.

FIND YOUR  
LOCAL CONTACT  
BY FLASHCODE:



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



Apply your Skills



## AIRMIX® 10C50 & 20C50 AIRLESS 40C50 PISTON PUMPS



- 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



GT Sealing



Cup Lub



2 Ball



Triple chrome layer

Apply your Skills

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

# AIRMIX® 10C50 & 20C50 AIRLESS 40C50 PISTON PUMPS



## TECHNICAL DATA

	10C50	20C50	40C50
Pressure ratio	10/1	20/1	40/1
Fluid volume per cycle (cm3)	50 (2 x 25)		
Number of cycles per litre of products	20		
Fluid Output at 30 cycles/mn (L/mn)	1,5		
Air consumption (m3/h) at 30 cycles/mn at 4 bar	5,4	10,8	21,6
Free flow rate (L/mn)	3		
Maximum air inlet pressure (bar)	6		
Maximum fluid pressure (bar)	60	120	240
Maximum Fluid Temperature (°C)	60		
Balanced acoustic pressure (dBA)	78	78	77
Sealing Packings	Upper sealing	joint GT	polyfluid + PTFE G or GT seal
	Lower sealing	Joint GT	
Weight (kg) (w/o support or rods)	17	17	22
Wetted parts	Hard chrome stainless steel, stainless steel, carbide, polyacetate		

## ADVANCED TECHNOLOGY FOR HIGH PERFORMANCES

**10C50, 20C50 and 40C50 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**.

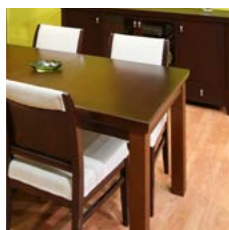
This pump range is the ideal partner of your **AIRMIX® and/or AIRLESS spray guns**, .

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

## MATERIAL HANDLED

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

## RECOMMENDED MARKETS



FURNITURE



KITCHEN AND BATHROOM



MACHINE 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

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

### PERFORMANCE

Quiet air motor to preserve working environment

### RELIABILITY

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

### DURABILITY

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

### DURABILITY

Simple design with few parts for extended life time

### PRODUCTIVITY

- Quick flushing and product changes thanks to the construction without dead zones.
- The mobile seal located on the piston ensures the mechanical cleaning of the fluid section internal wall during the pump run.

### SIMPLICITY

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

