

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 to increase production, improve quality, and material & costs savings.

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

Airspray: manufacturer since 1925, bringing you the very best of the Finishing.

Airmix®: creator since 1975, bringing the perfect mix between quality and productivity.

Airless: premium for Finishers in heavy applications

High Viscosity: pumping beyond possible, dispensing precisely.

Electrostatic Liquid: expertise for high finishing quality & efficiency.

Powder: Coating solutions for highest Productivity since 1960

FIND YOUR
LOCAL CONTACT
BY FLASHCODE:



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

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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**.

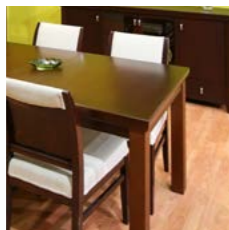
This pump range is the ideal partner of your **AIRMIX® and/or AIRLESS spray guns**, .

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

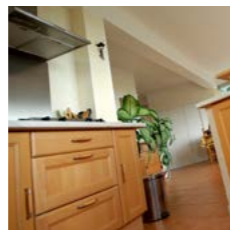
MATERIAL HANDLED

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

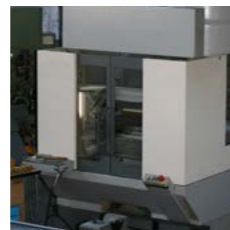
RECOMMENDED MARKETS



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

