

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



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
	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**.

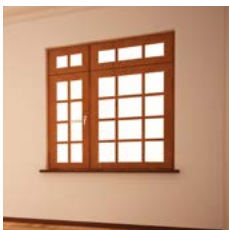
This pump range is the ideal partner of your **AIRMIX® and/or AIRLESS spray guns**.

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.

