

# 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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Apply your Skills



## AIRLESS 40C50 WB AIRLESS 40C100 WB



- Ideal for AIRLESS or AIRMIX® spraying
- Robustness and sustainability
- Optimized construction: simple and quick maintenance

### Related Technologies



Chevron Sealing



GT Sealing



Cup Lub



2 Ball



Triple chrome layer

Apply your Skills

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# PISTON PUMPS

## AIRLESS 40C50 WB & 40C100 WB



### TECHNICAL DATA

	40C50 WB	40C100 WB
Pressure ratio	40/1	40/1
Fluid volume per cycle (cm3)	50	100
Number of cycles per litre of products	20	10
Fluid Output at 30 cycles/mn (L/mn)	1.5	3
Air consumption (m3/h) at 30 cycles/mn at 4 bar	21.6	43.2
Free flow rate (L/mn)	3	6
Maximum air inlet pressure (bar)	6	
Maximum fluid pressure (bar)	240	240
Maximum Fluid Temperature (°C)	60	
Balanced acoustic pressure (dBA)	77	80
Sealing Packings	Upper sealing	polyfluid + PTFE G
	Lower sealing	GT
Weight (kg) (w/o support or rods)	22	22
Wetted parts	Hard chrome stainless steel, stainless steel, carbide	

## ADVANCED TECHNOLOGY FOR HIGH PERFORMANCES

**40C50 WB and 40C100 WB 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 high viscosity materials while **minimizing maintenance and production costs**.

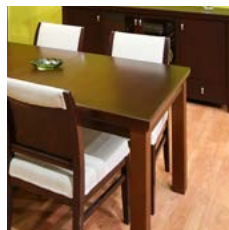
This pump range is the ideal partner of your **AIRLESS and AIRMIX®** spray guns.

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, shades, epoxy, single or two-component adhesives.

## RECOMMENDED MARKETS



FURNITURE



KITCHEN AND BATHROOM



EARTH MOVING EQUIPMENT



ROLLING EQUIPMENT

## CUSTOMER BENEFITS

- Priming at very low air pressure
- Constant delivery and pulse free for superior finish thanks to Pulse Absorber concept
- Fluid section designed to handle high viscosity materials
- Reduced flushing wastage, no dead areas
- Optimized air consumption

### RELIABILITY

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

### SUSTAINABILITY

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

### PERFORMANCE

Pulse Absorber between the fluid section and the filter for a smooth and pulsation-free flow.

### 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.

### PERFORMANCE

Large diameter suction valve (Ø 27 mm) for optimum priming and to prevent any risk of cavitation.

### PERFORMANCE

Quiet air motor to preserve working environment.

### RELIABILITY

Polyfluid and PTFE graphite seal for improved wear resistance

### SUSTAINABILITY

Simple design with few parts for extended life time.

### SIMPLICITY

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

