

Bond | Protect | Beautify

With our manual guns, automatic and robotic applicators that are supplied with our wide range of pumps and machines for fluid handling, dosing, mixing and 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: 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.

High Viscosity: 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



AIRLESS 40C50 WB AIRLESS 40C100 WB



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

Related Technologies



Chevron Sealing



GT Sealing



Cup Lub



2 Ball



Triple chrome layer

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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 (cm ³)	50	100
Number of cycles per litre of products	20	10
Fluid Output at 30 cycles/mn (L/mn)	1.5	3
Air consumption (m ³ /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

40-25 WB and 40-50 WB pumps are based on 90 years of **KREMLIN REXSON 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**.

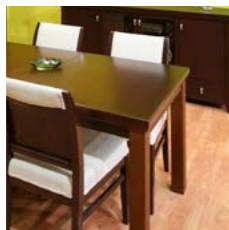
This pump range is the ideal partner of your **AIRMIX® and AIRLESS spray guns**.

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, 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.

