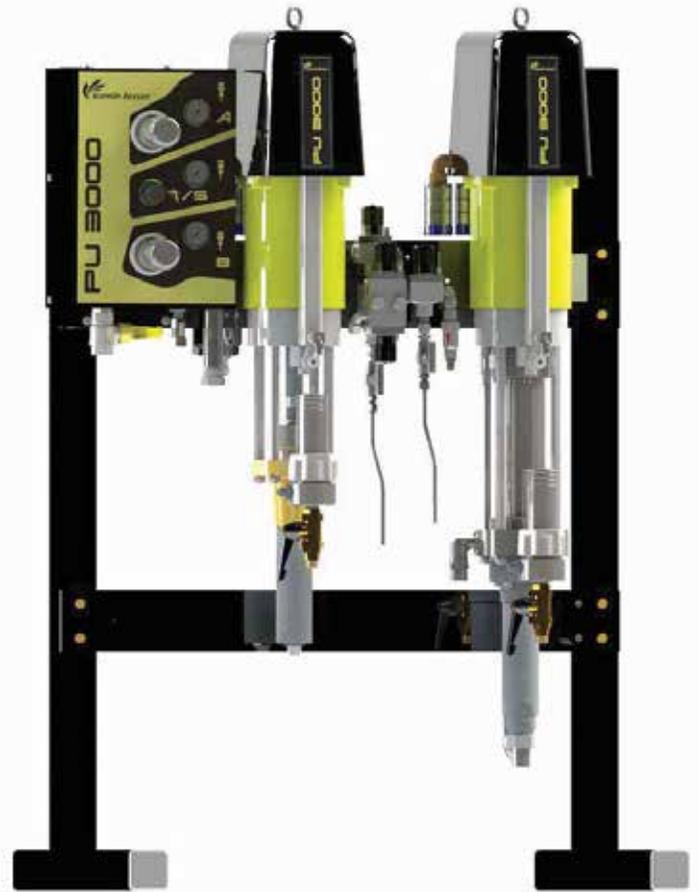


ELECTRO MECHANICAL

PU 3000



ELECTRONIC & MECHANICAL INJECTION TECHNOLOGY

- **Easy to Operate & Install**
- **Constant Fluid Flowrate**
- **Precise Mixing**



Experts in Finishing and Dispensing Solutions

www.kremlinrexson-sames.com/en/us

ELECTRO MECHANICAL PU 3000



TECHNICAL DATA

	PU 3000 HTI, HPA, HTV Low Pressure	PU 3000 Medium Pressure	PU 3000 High Pressure
Gun	Airspray	AIRMIX®	AIRMIX®/ Airless
Pressure ratio	1:1	30:1	53:1
Maximum fluid pressure	87 psi (6 bar)	2900 psi (200 bar)	5075 psi (350 bar)
Power supply	115/230V-75W		
Maximum air inlet pressure	87 psi (6 bar)		
Product viscosity	30 - 8,000 cps		20,000 cps
Mixing accuracy	± 1%		
Mixed fluid output	10 to 2,000 cc/mn (up to 4,000 on demand)		
Mixing ratio	1:1 - 20:1		
Fluid passages	Stainless steel, carbide and HDPE		
Weight	143 lbs (65 kg)		
Height	54 x 25 x 19 in (138 x 64 x 48 cm)		

Note: PU 3000PH unit specifically designed for acid catalyzed materials also available

ELECTRO MECHANICAL TECHNOLOGY

The PU 3000 is an innovative, economical solution that combines electronic and mechanical metering. The PU 3000 is easy to operate and install. The control box is easy to understand, allowing the user to quickly operate the machine.

Pulse Free Electronic (PFE) relates to the control of the pump stroke and the elimination of material pulsation during the pump change over. The PFE features a constant output and a ± 1% metering accuracy for an outstanding finish. Electronic injection constantly monitors and records the actual material consumption of products and calculates the VOCs. The machine can be installed in the spray zone, while the controller is mounted in a clean location, yet it is still monitored and controlled by the operator from within the booth.

MATERIAL APPLICATIONS

Primers, finish / high gloss, moisture-sensitive materials, anti-corrosion materials, abrasive materials, solvent or water-based materials. Single or Two-component materials.

RECOMMENDED MARKETS



ROLLING
EQUIPMENT



MACHINE TOOLS



RENEWABLE
ENERGIES



FURNITURE

- ➔ Traceability : Records fluid consumptions and VOC's
- ➔ Can be used with single or two-component materials and recommended for difficult materials (anti-corrosion, zinc ...)
- ➔ Lower cost of ownership for fast R.O.I. (return on investment)
 - ▶ Accurate and consistent mixing. Eliminates errors and variables in the mixing process and finish product.
 - ▶ Reduces material usage. Mixes only what you need, eliminating excess waste. Simplifies clean up, reducing solvent usage.
 - ▶ Eliminates mixing and cleaning labor, freeing it up for painting and production throughput.

USER FRIENDLY

- Quick start-up
- Automatic component management : base, catalyst and solvent
- Programmable flushing, priming and regeneration
- Intuitive and user-friendly machine/operator interface
- Preventive maintenance alarm



QUALITY OF MIXED MATERIAL

- Constant fluid flow rate
- Unsurpassed $\pm 1\%$ mixing accuracy because of the innovative pump change over technology
- Continuous flow with patented injection technology, allows for extreme accuracy and repeatability

APPLICATION SECURITY

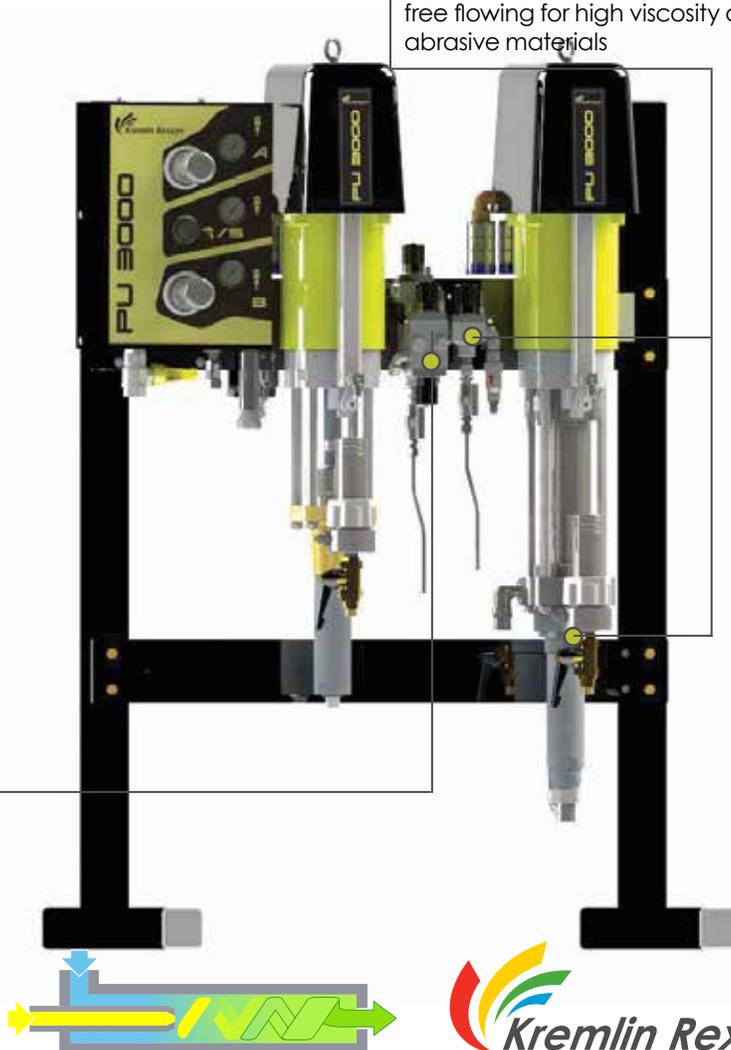
- For moisture sensitive materials: The Flowmax bellows design provides total protection from moisture by totally encapsulating the material within the pump, on the Airspray and Airmix units
- Stainless steel fluid passages for water-based materials
- High Injection reliability:
 - The injector on the airless version is the ASI40 gun (5800 psi) which uses a carbide seat
 - No flowmeters so passageways are free flowing for high viscosity or high abrasive materials

ALARM NOTIFICATION

- Alarm and shut down if mixing is not accurate to configurable tolerance
- Alarm and shut-down if product is missing
- Usage alarm monitors and sounds when material supply is low
- Alarm and regeneration if pot-life is exceeded

QUALITY OF MIXED MATERIALS

- Perfect Mixing: Single injector is self cleaning and helps prevent inaccurate mixing
- Unique high performance in-line static mixer design



EXPERTS IN FINISHING AND DISPENSING SOLUTIONS FOR ALL MARKETS WORLDWIDE

WHERE TO FIND US ?

WWW.KREMLIN-REXSON.COM/EN/USA



KREMLIN REXSON, creator of **AIRMIX®**, **FLOWMAX®** and **CYCLOMIX™** technologies, offers a wide range of pumps and equipment for the protection of materials and application of paints, sealants and adhesives.



www.kremlinrexson-sames.com/en/usa/

EXEL North America, Inc.

North American Headquarters
45001 5 Mile Road
Plymouth, MI 48170
Toll Free: (800) 573-5554
Phone: (734) 979-0100
Fax: (734) 927-0064

EXEL North America, Inc.

Canadian Branch
931 Progress Ave., Unit 7
Scarborough, Ontario M1G 3V5
Toll Free: (800) 450-0655
Phone: (416) 431-5017
Fax: (416) 431-9171

EXEL-NA, S.A. de C.V.

Acceso III N°16A Int 15A
Conjunto Quadrum
Parque Industrial Benito Juárez
Santiago de Querétaro, Qro.
México, C.P. 76120
+52 (442) 209-5027 /161-2595 Ext 170 Oficina