

# IMMCO LLC dba UNIFLOW Launches Revolutionary AcuPump™ System for Liquid Polyurethane Adhesives

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/EINPresswire.com/ -- IMMCO LLC, operating as

UNIFLOW, proudly announces the release of the AcuPump™ System, a cutting-edge solution engineered for the precise and efficient application of single-component liquid polyurethane (LPU) adhesives. Designed specifically for the engineered wood market, the AcuPump™ sets a new standard in adhesive dispensing technology.

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*Robert Payne*

Unlike traditional air-driven systems, the AcuPump™ utilizes innovative gear pump technology to deliver a smooth, non-pulsating flow, ensuring consistent adhesive coverage and eliminating the noise and inefficiencies of air-operated pumps. With a closed, airless system and positive displacement gear pump, the AcuPump™ offers unmatched reliability and performance.

## Key Benefits:

- Consistent, Pulsation-Free Dispensing – Positive displacement, rotary gear pump technology ensures smooth, accurate adhesive flow.
- Minimal Maintenance – Designed for longevity with wear-resistant components and no need for oils, lubricants, or pump packings.
- Quick Pump Swaps – Replace pumps in just 5–10 minutes with a simple, tool-free process.
- User-Friendly Control – A remote or handheld pendant allows for easy pressure adjustments and precise control via a digital rotary dial.
- Quiet Operation – Say goodbye to loud, disruptive pump noise.
- Environmentally Friendly – No air consumption and reduced adhesive waste.

## Technical Specifications:

- Pump Rate: Up to 25 L/min
- Electrical: 240VAC, single or three-phase
- Air Requirement: None
- Fluid Connections: JIC, NPT, or Barbed (½" to 2" ID)
- Dimensions (with stand): 19.5" W x 21.1" D x 46.4" H (496mm x 536mm x 1179mm)

"We've used the AcuPump™ extensively for applying liquid urethane adhesives in structural wood bonding. Its simple, reliable design delivers accurate, linear flow response across a wide range of rates and board sizes, making coating weights easy to dial-in for precision applications, said Robert Payne, Senior Application Engineering Manager for the [Engineered Wood Business Unit](#) at [Henkel Corporation](#). "Maintenance is straightforward, and with US manufacturing and service, product support has been excellent. It's a smart, dependable solution for demanding adhesive applications."

For more information or to request a demo, contact Uniflow at [sales@uniflow.works](mailto:sales@uniflow.works) or call +1 804-271-6979.

#### About IMMCO LLC dba UNIFLOW

Headquartered in Richmond, Virginia, UNIFLOW (Industrial Machine Manufacturing Company, LLC) is a premier manufacturer of advanced hot melt and liquid adhesive application systems. Since its founding in 1956, UNIFLOW has evolved from a local machine shop into a global leader known for engineering durable, high-performance equipment that meets the rigorous demands of bonding, sealing, laminating, and coating applications across diverse industries.

UNIFLOW began producing hot melt drum unloaders and related machinery in the mid-1970s, quickly earning a reputation for innovation, reliability, and quality. Today, all UNIFLOW products are proudly designed, manufactured, and assembled in the USA, reflecting the company's commitment to excellence and American craftsmanship.

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