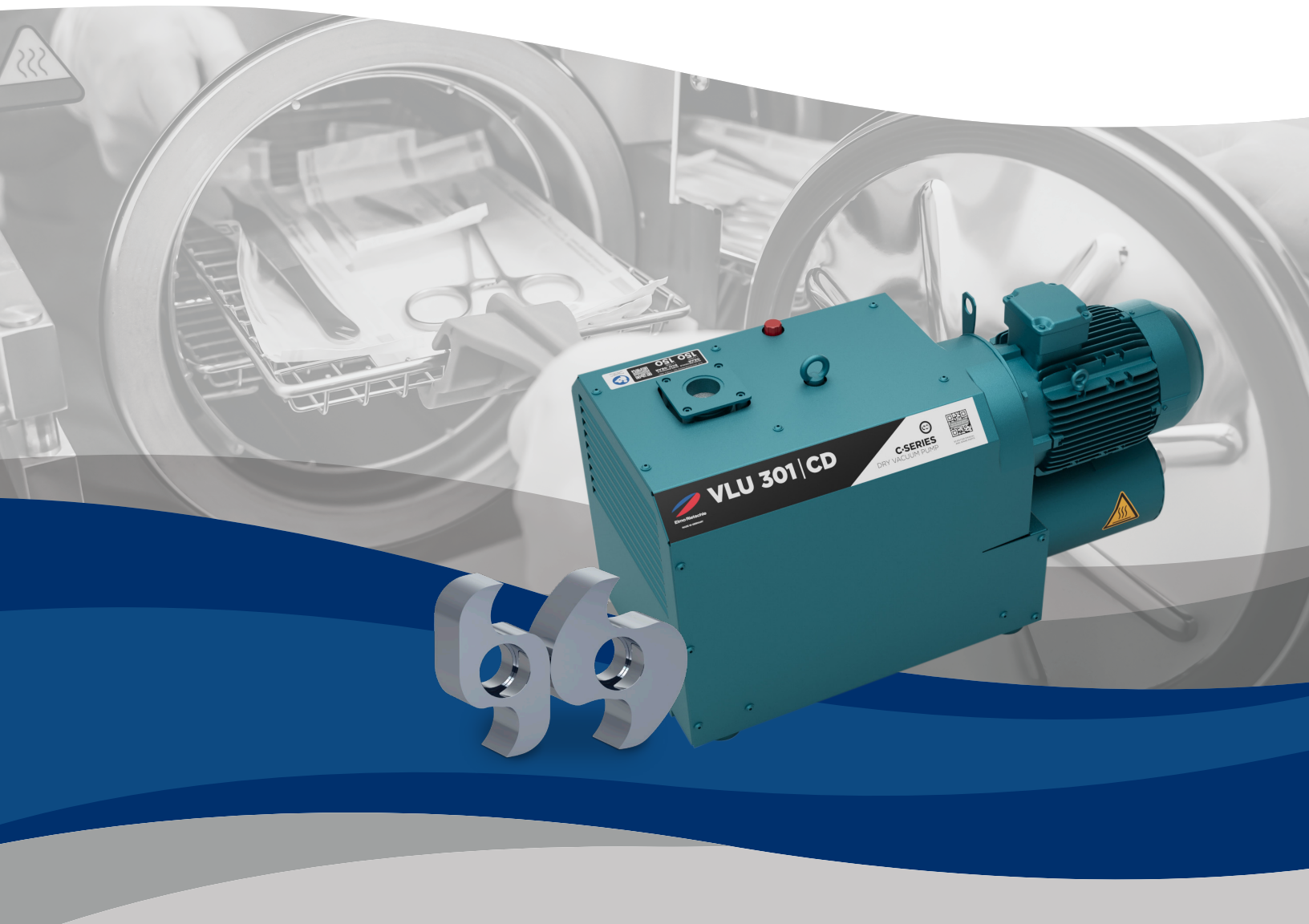


VLU CLAW VACUUM PUMPS

# The Future of Sustainable Vacuum



It's all about...

# Low Ultimate Vacuum

## Where Innovation Meets Sustainable Technology

The pinnacle of claw vacuum technology, with deeper ultimate vacuum levels previously only achievable by oil lubricated pumps. The VLU has a low total cost of ownership, with no oil or filters to replace frequently. This sustainable solution is the perfect fit for applications as low as 30 mbar / 29.03 inHg.



**Oil free  
technology**



**Virtually  
maintenance  
free**



**Optimum  
TCO**



**Affordable  
sustainability**





## Key Benefits

- 1. Lowest CAPEX**  
Compared to equivalent dry technology.
- 2. Up to 49% less energy consumption**  
Compared to an equivalent liquid ring technology and an average cost of electricity.
- 3. Lowest available suction pressure**  
Compared to traditional and currently available claw technology.
- 4. Up to 96% lower annual maintenance costs**  
Based on 4,000 hours of operation per year at an average maintenance rate.
- 5. Up to 25% reduction in total cost of ownership**  
Compared to a traditional oil lubricated rotary vane vacuum pump and based on 4,000 hours per year.

# No Oil, No Contamination No Waste

The sustainable solution with no air contamination, no need to frequently replace parts, or dispose of used oil and filters. Cutting-edge oil free technology ensures longevity and consistent performance over time. The VLU offers an impressive ultimate vacuum previously only achievable with expensive technologies.



**Contactless,  
zero wear**



**Environmentally  
friendly**

## working for your APPLICATION

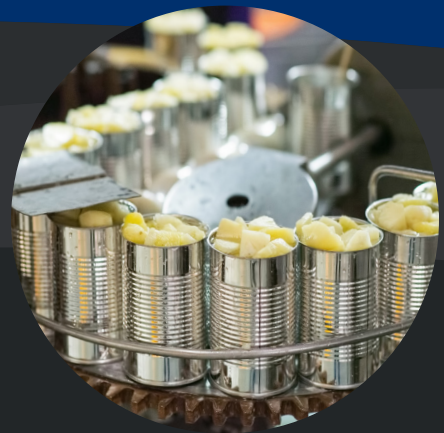
Sustainable Performance for a Wide Range of Applications



Food Packaging



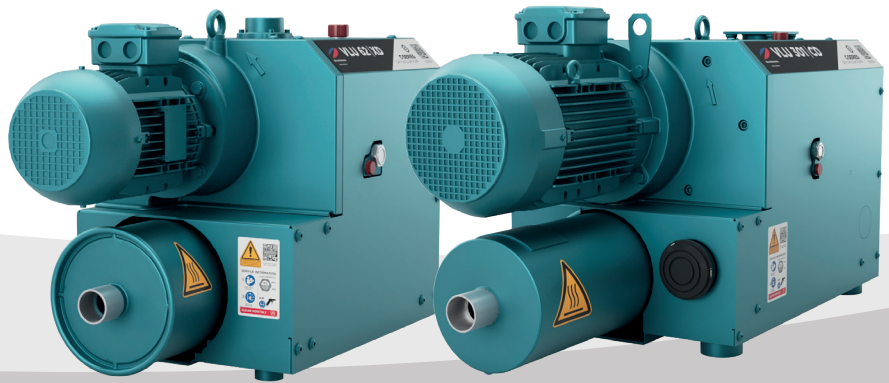
Beverage Processing



General F&B Processing

# Technical Features

- Quiet operation
- XD version for heavy duty applications
- Suitable for humid and wet processes
- Heavy Duty options available with ProCoat™ finish
- Integrated air cooling without additional cooling medium
- IE3 NEMA premium motor
- 60 & 50 Hz motor options
- Revolutionary patented air end design ensures optimal performance, reliability, and efficiency



Automation



Pharma & Medical



Plastics & Recycling

# Take a Peek at Innovation

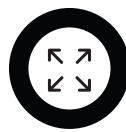
## Technical Excellence

Experience the future of dry vacuum technology with the VLU Claw Vacuum Pump from Elmo Rietschle. Whether you're in the food packaging or healthcare industry, our innovative solution is here to enhance your operations.



### Patented Air End Design

At the heart of the VLU lies a revolutionary patented air end design. This innovation ensures optimal performance, reliability, and efficiency.



### Multiple Sizes, One Solution

We understand that one size doesn't fit all. That's why we offer the VLU in 6 different sizes, catering to a wide range of applications.



### VLU 62 & 122

Perfect for applications requiring high vacuum efficiency.

VLU 62    VLU 122

**28**  
inHg    **28**  
inHg



### VLU 301

Reliable and versatile for various industrial needs.

VLU 301

**29**  
inHg



### VLU 401 & 501

Exceptional performance in the most demanding environments.

401 & 501

**28**  
inHg



### VLU 1000

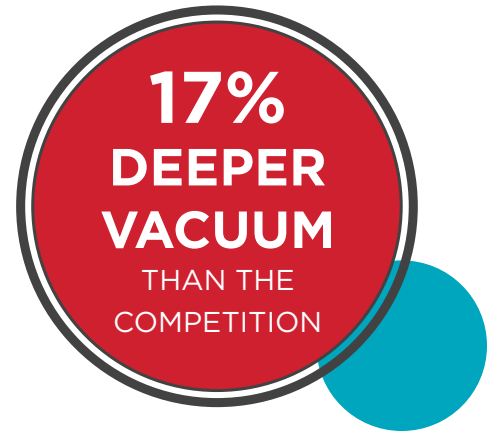
For the lowest vacuum levels and maximum suction capacity.

VLU 1000

**< 26**  
inHg

Best Available Claw Technology

# VLU Versus Traditional Claw Technology



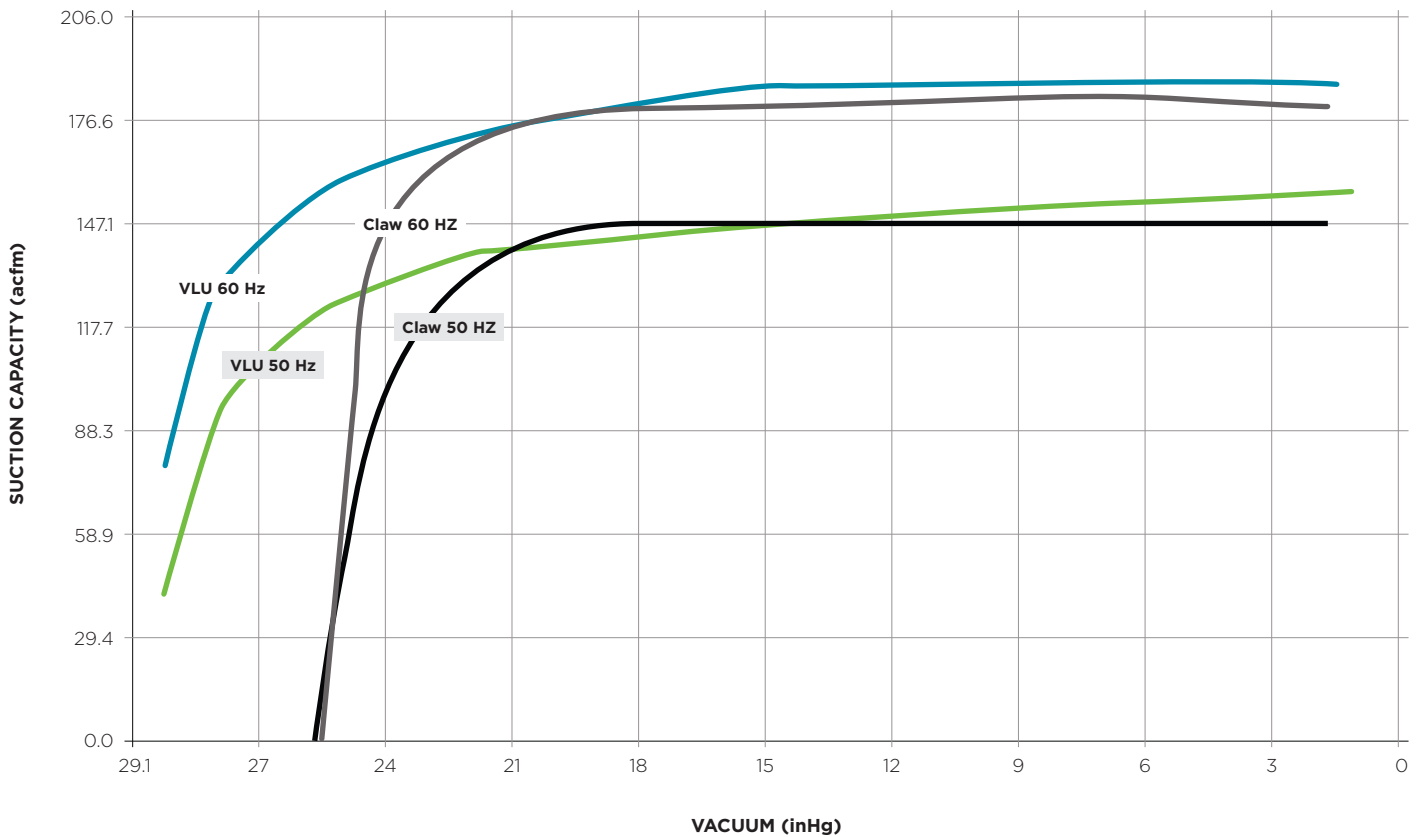
The VLU provides an impressive ultimate vacuum range previously unachievable with traditional claw technology.

## New VLU Technology

- VLU 50 Hz
- VLU 60 Hz

## Traditional Claw Technology

- 50 Hz
- 60 Hz




The leader in every market we serve  
by continuously improving all business processes  
with a focus on innovation and velocity



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