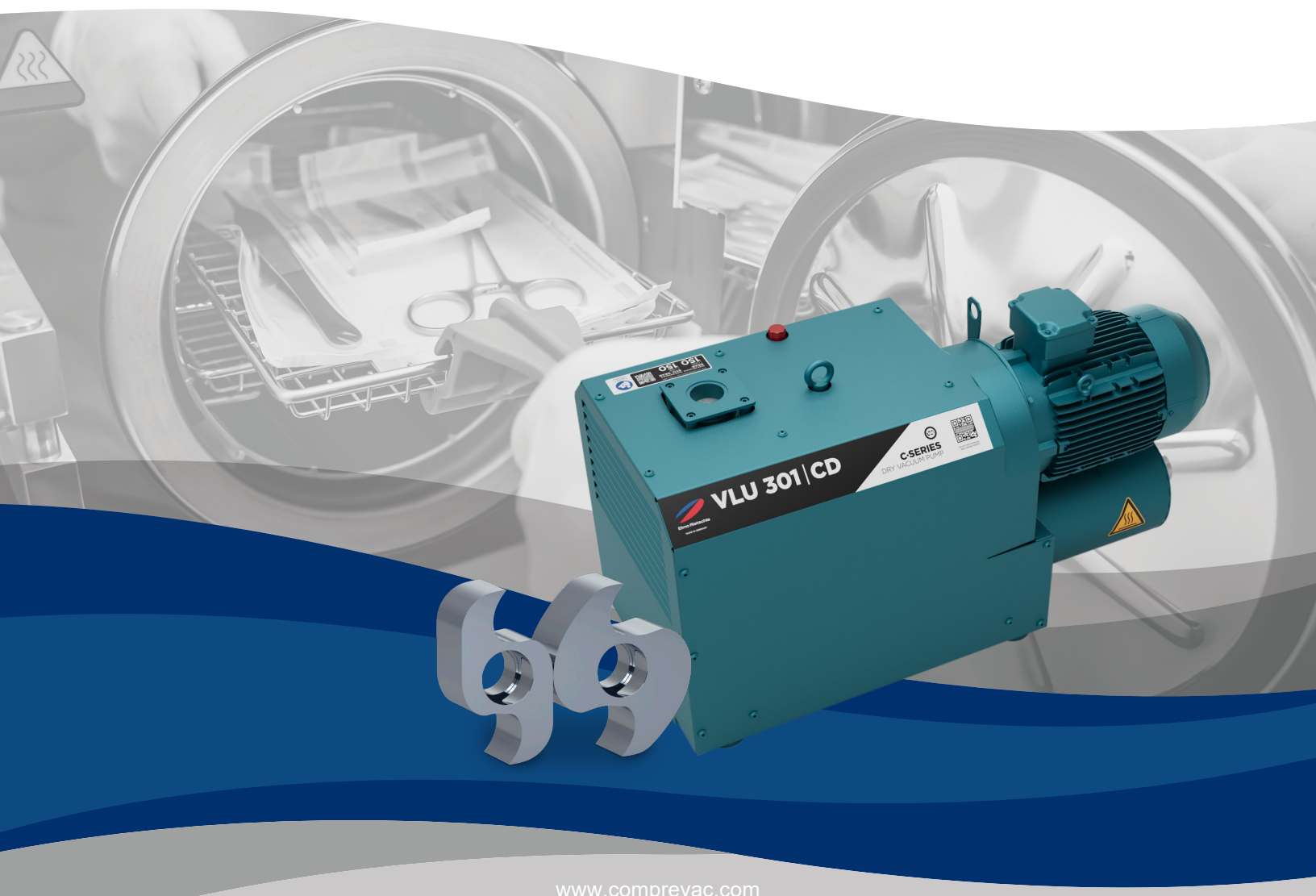


VLU CLAW VACUUM PUMPS

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**

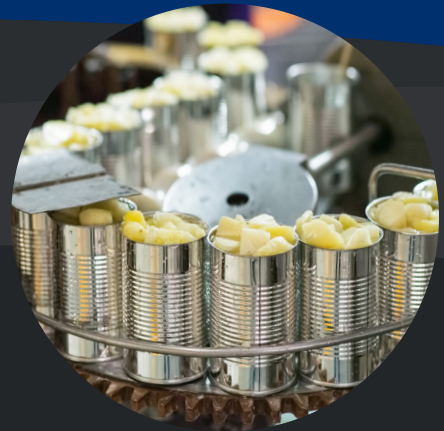
Sustainable Performance for a Wide Range of Applications



Food Packaging



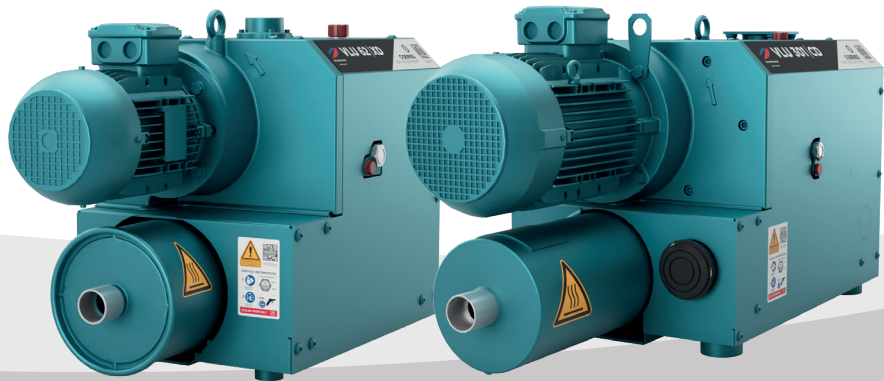
Beverage Processing



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

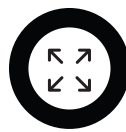
Technical Excellence

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 28
inHg 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.

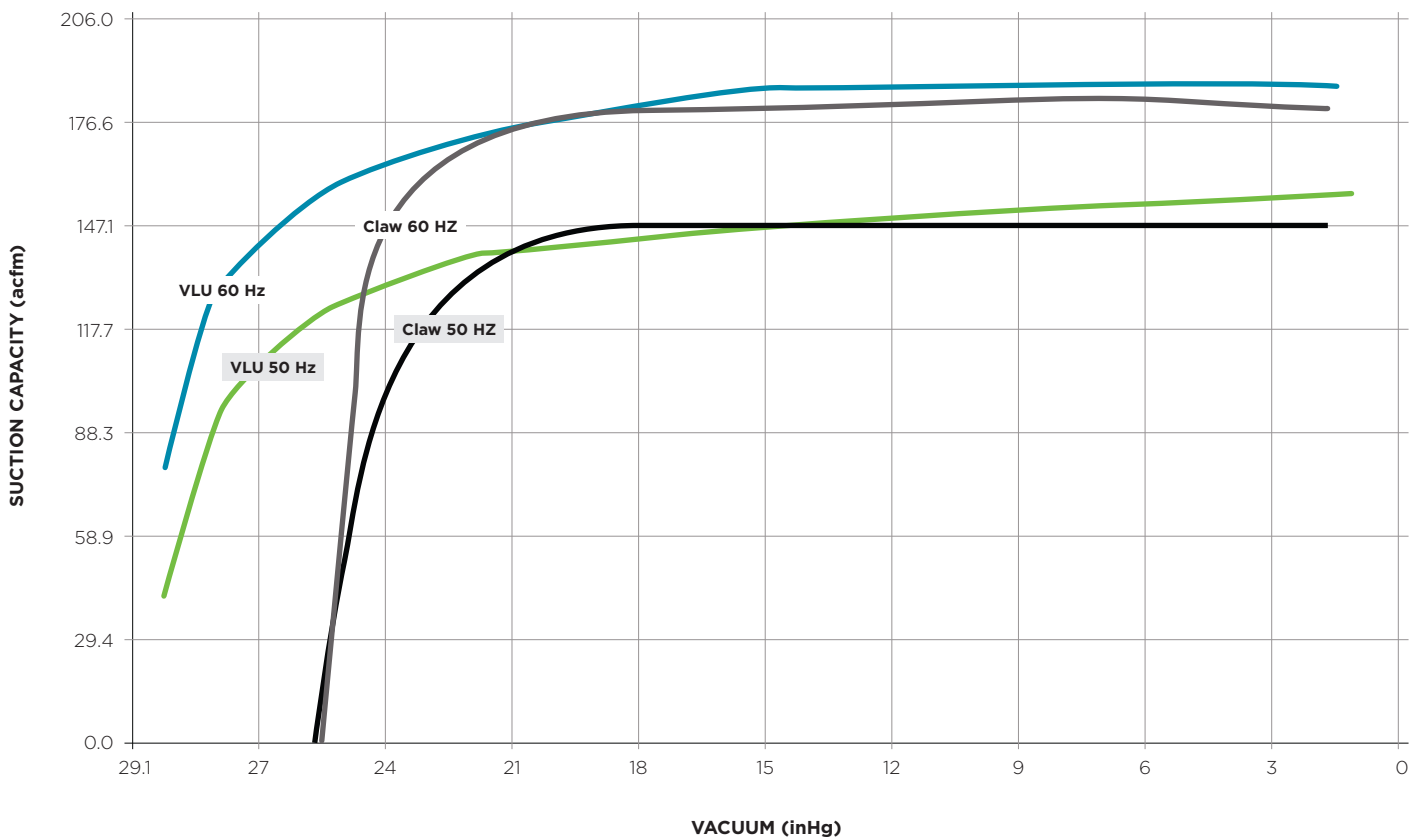


New VLU Technology

- 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



www.ElmoRietschle.com

©2024 Industrial Technologies and Services, LLC.
Printed in U.S.A.
ER-VLU 1st Ed. 10/24



Please recycle after use.