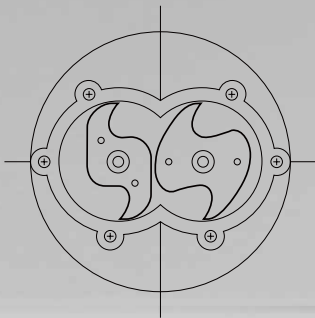
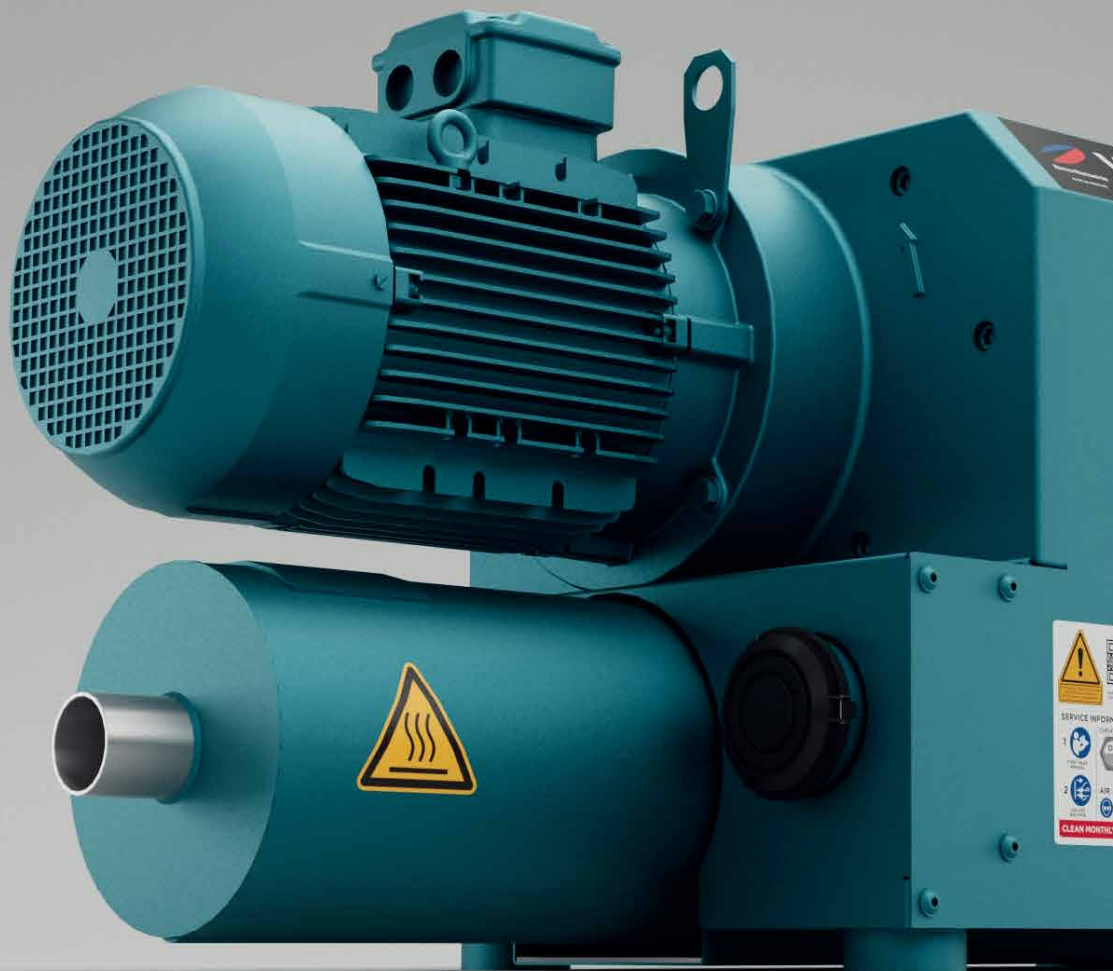


# THE FUTURE OF SUSTAINABLE VACUUM. VLU

 **Elmo  
Rietschle**<sup>®</sup>  
An Ingersoll Rand Business



V A K U U M   E X P E R T E N



VACUUM

# THE SMART CHOICE.

The VLU combines low energy usage and virtually no maintenance to provide an optimised total cost of ownership. In addition, an affordable selling price and a higher ultimate vacuum make the VLU the smart choice for many applications.



## **Lowest CAPEX**

Compared to equivalent dry technology.

## **WHERE INNOVATION MEETS SUSTAINABLE TECHNOLOGY.**

The masterpiece of claw vacuum technology, with higher 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 (abs.) vacuum level.



## **Higher Ultimate Vacuum**

Compared to traditional and currently available claw technology.



**Oil free  
technology**



**Virtually  
maintenance  
free**



**Optimum  
TCO**



**Affordable  
sustainability**





OIL FREE



VACUUM



### Up to 49% less energy consumption

Compared to an equivalent liquid ring technology with an average cost of electricity.



### 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.



### Up to 96% lower annual maintenance costs

Based on 4000 hours of operation per year at an average maintenance rate.

# 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 ensuring longevity and consistent performance over time. The VLU offers an impressive ultimate vacuum previously only achievable with expensive technologies.

## APPLICATIONS

The perfect fit for applications as low as 30 mbar (abs.) vacuum.

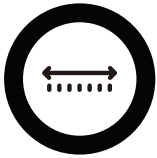
- + **FOOD PACKAGING**
- + **BEVERAGE PROCESSING**
- + **GENERAL F&B PROCESSING**
- + **AUTOMATION**
- + **PHARMA & MEDICAL**
- + **PLASTICS & RECYCLING**







**Contactless,  
zero wear**



**Excellent  
performance**



**Environmentally  
friendly**



**OIL FREE**



**VACUUM**



# TECHNICAL EXCELLENCE.

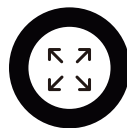
Take a peek at innovation.

Experience the future of dry vacuum technology with the VLU Claw Vacuum Pump from Elmo Rietschle. Whether in the food packaging or medical 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 does not fit all. Therefore, we offer the VLU in 7 different sizes, catering to a wide range of applications.



### VLU 62 & 122

Perfect for applications requiring high vacuum efficiency.



### VLU 301

Reliable and versatile for various industrial needs.



### VLU 401, 501 & 651

Delivering exceptional performance in the most demanding environments.



### VLU 1000

For those who demand the low vacuum levels while ensuring maximum suction capacity.

VLU 62

**50**  
mbar

VLU 122

**35**  
mbar

VLU 301

**30**  
mbar

401 & 501

**60**  
mbar

VLU 651

**80**  
mbar

VLU 1000

**<100**  
mbar





OIL FREE



VACUUM

# BEST AVAILABLE CLAW TECHNOLOGY.

VLU versus Traditional Claw Technology.

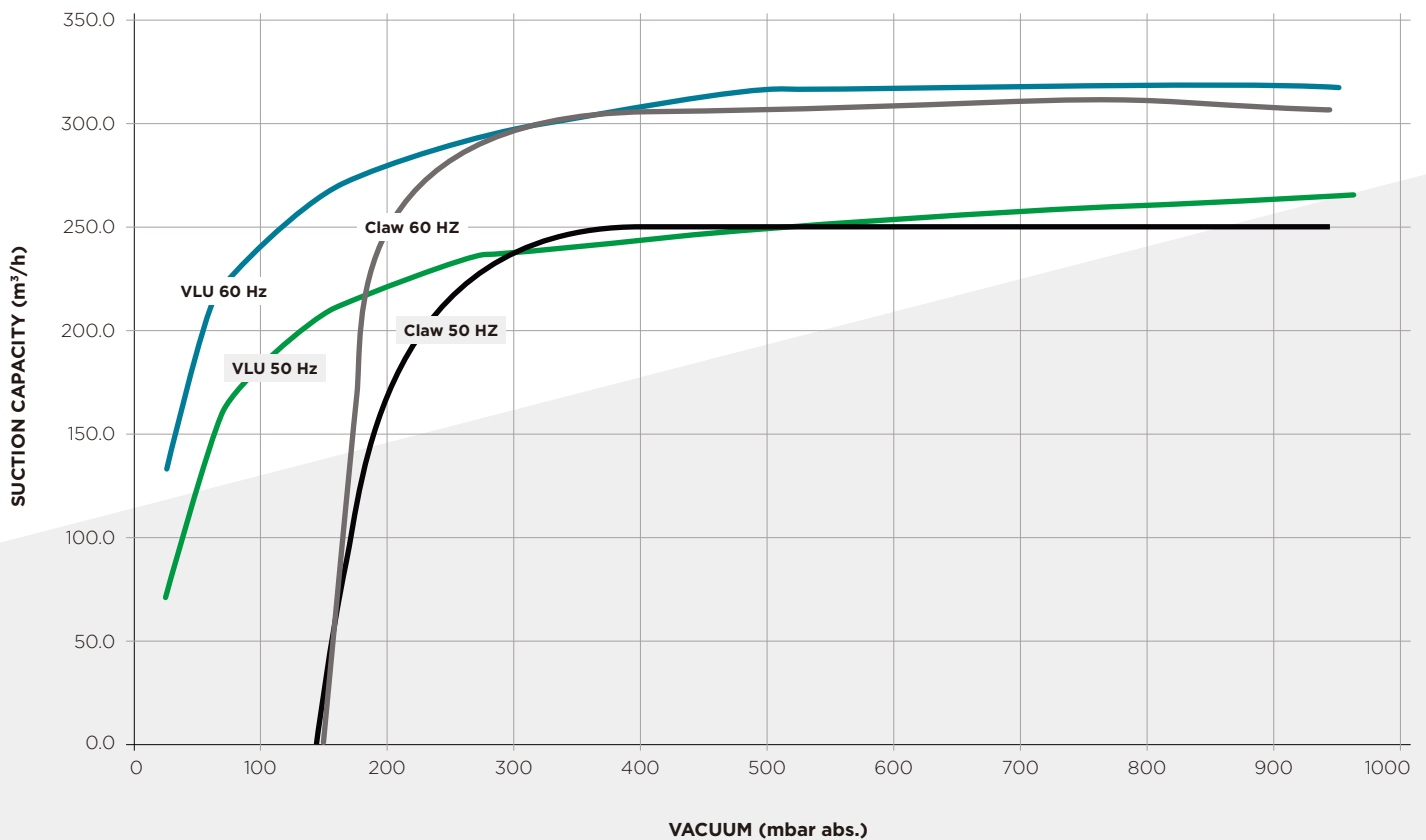
The VLU provides an impressive ultimate vacuum range previously unachievable with traditional claw technology.

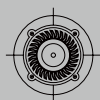
## New VLU Technology

- VLU 50 Hz
- VLU 60 Hz

## Traditional Claw Technology

- 50 Hz
- 60 Hz





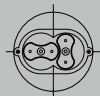
G-Series Side Channel



L-Series Liquid Ring



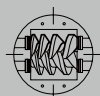
V-Series Rotary Vane



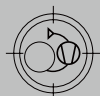
R-Series Roots



C-Series Claw



S-Series Screw



X-Series Syetems

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