



C-Series Claw

## C-VLR 301 ZEPHYR



### Low Noise and Efficient: Our New Claw Vacuum Pump

In modern manufacturing environments vacuum pump requirements are easy to define:

- Low noise levels
- High energy efficiency
- Compact design

- Perfect logistics
- On-time delivery
- Short response times
- Developed and manufactured in Germany

With our new VLR 301, we can fully meet these specifications.

#### Low noise level of 74 dB(A)

Our newly designed VLR 301 claw vacuum pumps have overcome the one drawback typically associated with this technology - a rather high noise level. This now no longer holds true. With its 74 dB(A) at 400 mbar (abs.), the VLR 301 is clearly better than other machines.

#### 150 mbar (abs.) end vacuum with a 5.5 kW motor

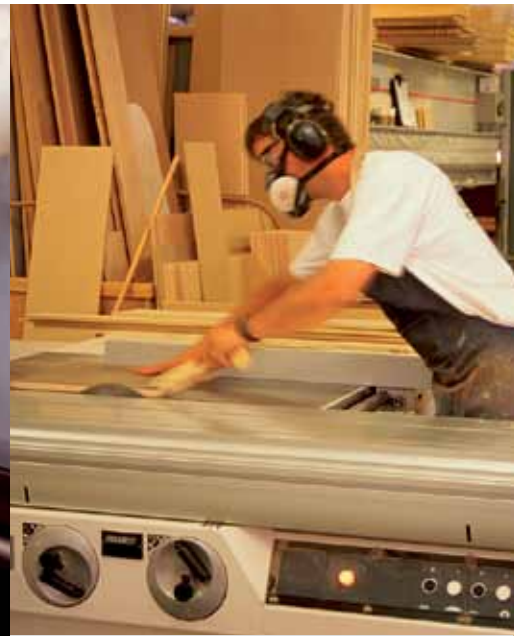
The VLR 301 is rated standard for a 150\* mbar (abs.) end vacuum. The installed motor output is 5.5 kW (50 Hz), or 6.5 kW for 60 Hz, which results in clearly lower energy costs than competitive products. Its new design yields an excellent efficiency rate of 60.3 %.

#### Small footprint

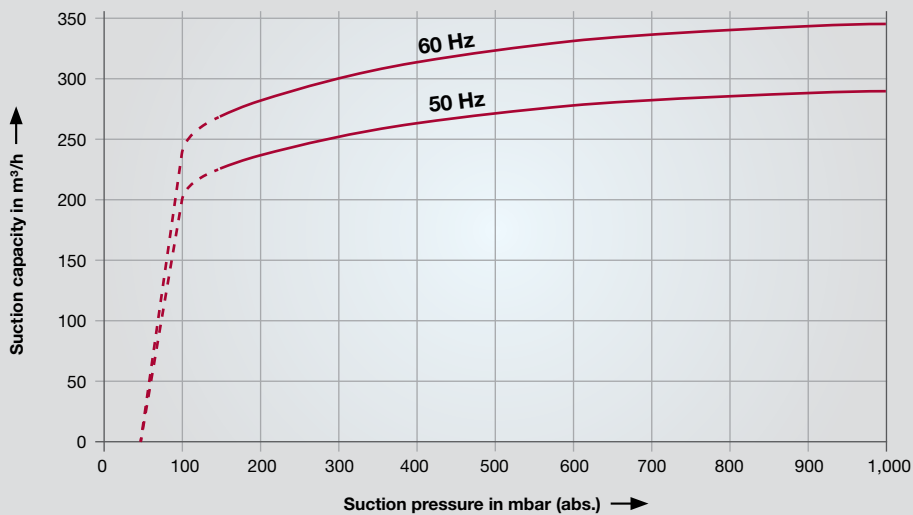
With a length of 1,093 mm and a width of 491 mm, the new VLR 301 has the smallest footprint in its class. In addition to making this pump as compact as possible our engineers paid special attention to ensure that all parts are easy to access from outside.



Vacuum & Pressure



## Ratings



- **End vacuum** 150 mbar (abs.) for continuous operation – \*100 mbar (abs.) upon request
- **Suction capacity** 290 m³/h at 50 Hz

## Suitable for a variety of applications

- Woodworking
- Leather
- Medical
- Pulp and paper
- Pick and place
- Pneumatic conveying
- Environmental
- Central vacuum systems

## Advantages at a glance

- Vacuum chamber free from oil and friction
- High efficiency of > 60 %
- Low maintenance – nothing to change except the oil in the gearbox
- Low noise – 74 dB(A) at 50 Hz
- Compact design
- Easy to install
- Vacuum relief valve integrated
- Check valve integrated
- Variable speed drive optional

Elmo Rietschle is a brand of Gardner Denver

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Your Ultimate Source for Vacuum and Pressure

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