



ELMO RIETSCHLE

# Industrial & Medical Vacuum Pumps

## The Experts in Vacuum

When looking for solutions to support your vacuum and pressure applications you need expert partners you can trust to provide you with the benefit of their experience and expert knowledge.

- Over 100+ years of engineering experience.
- Unmatched Range of solutions available, all from one source.
- High Quality Products. Elmo Rietschle is known for quality and performance
- Center of Excellence at our Missouri locations.
- A global Service Network with on-site support.
- Knowledge in the form of system configurators, applications, design and manufacturing.



### V SERIES | VACUUM PUMPS & COMPRESSORS

- Low noise level
- Robust and economical
- Easy to operate and maintain
- VCS XD Version for improved corrosion resistance
- Oil Lubricated VC/VCS tolerates moderate levels of water vapor

#### OIL LUBRICATED ROTARY VANE

##### VCE/VC/VCS

- Volume flow 14.7 to 902.9 cfm
- Ultimate vacuum 0.1 mbar (abs) for VC
- Ultimate vacuum 0.5 mbar (abs) for VCS
- Ultimate vacuum 10 mbar (abs) for VCE

#### DRY VANE VACUUM

##### VTE/VTN/VTA/VTR

- Volume flow 2.1 to 91.2 cfm
- Ultimate vacuum 150 mbar (abs)

#### DRY VANE COMPRESSORS

##### DTE/DTA/DTR

- Volume flow 2.1 to 90 cfm
- Pressure up to 1.5 bar for continuous operation and 2.2 bar for intermittent operation

#### DRY VANE PRESSURE & VACUUM

##### KTA/KTR

- Volume flow 55 to 160 m<sup>3</sup>/hr
- Volume flow 32.3 to 94.1 cfm
- Vacuum up to -0.6 bar/pressure up to +0.7 bar



## C SERIES | CLAW VACUUM PUMPS & COMPRESSORS

- Highly efficient, dry running (oil free) and contact free
- Dry vane performance without consumables and more energy efficient
- Integrated air cooling and built-in compressed air after-cooler lead to low exhaust temperature

### KLR | PRESSURE & VACUUM - 2 SIZES

- Volume flow up to 82.1 cfm
- Vacuum for continuous operation up to -0.6 bar
- Pressure up to +1.0 bar

### DLR | COMPRESSORS - 6 SIZES

- Volume flow up to 353 cfm
- Overpressure at continuous operation goes up to max. 1.8 bar

### VLR | VACUUM PUMPS - 10 SIZES

- Volume flow up to 671 cfm
- The ultimate vacuum at continuous operation is 200 mbar (abs)/24 inHgV



## S SERIES | SCREW VACUUM PUMPS

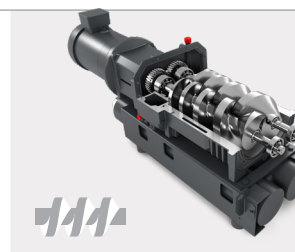
- Dry running, contact free and quiet operation
- High vacuum in one stage
- High water vapor tolerance

### VSB | VACUUM PUMPS

- Chemical Duty
- Volume flow 70 to 1600 cfm
- Suction pressure up to .02 mbar(abs.)

### VSI | VACUUM PUMPS

- Suction pressure up to 0.08 mbar(abs.)
- Volume flow 100 to 360 m<sup>3</sup>/hr
- Volume flow 58.8 to 211.8 cfm



## L SERIES | LIQUID RING PUMPS

- Maximum abrasion resistance
- Excellent corrosion resistance
- Available in various materials of construction
- Suction pressure up to 33 mbar
- Volume flow 15.9 to 705.9 cfm

### 2BL | VACUUM PUMPS

- Self contained
- Minimal water usage



## G SERIES | SIDE CHANNEL PUMPS

- Ideal for point of use applications
- Contact-less operation
- Tolerant to dust ingestion

- 20,000 hours no maintenance (2BH1); 40,000 hours maintenance free (2BH2)
- Volume flow 12.4 to 1,441.2 cfm
- Differential pressure of up to 1100 mbar



## F SERIES | RADIAL PUMPS

- Media/filter basket for waste material collection
- Cast housing and impellers

### CEVF | VACUUM PUMPS

- Volume flow up to 176.5 cfm
- Total pressure difference up to 90 mbar



## PLUG & PLAY | SOLUTIONS

### ICVS Vane & Claw Packages

- Fully Configurable
- Modular

- Expandable
- Optional Tank
- Optional Enclosure



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