

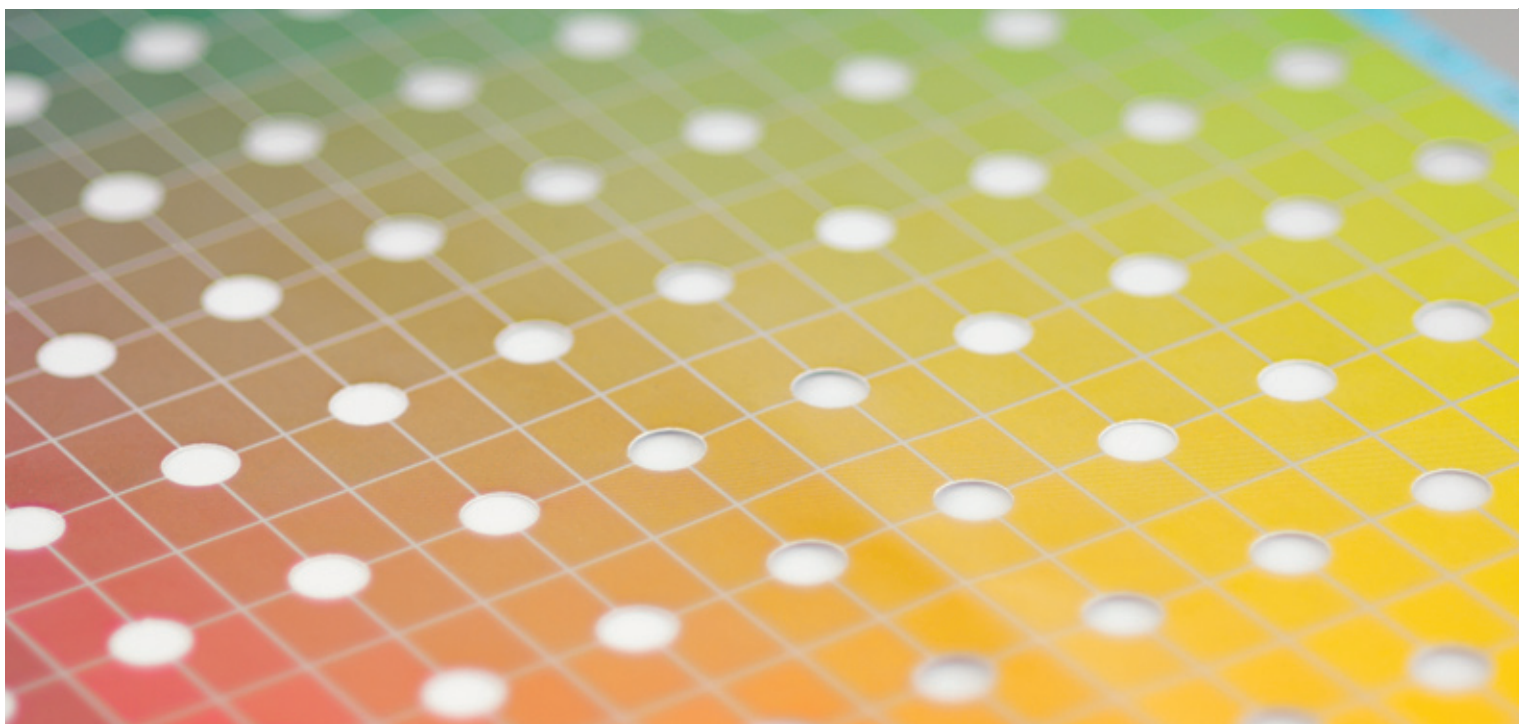


**Air Supply for the
Printing and Paper Industry**





Elmo Rietschle. Leading the Field.



Why Elmo Rietschle?

From our point of view, of course, we see many reasons why you should work with our company for your vacuum and pressure application products:

- Our long history of product and application know-how
- Precise knowledge of processes in the printing and paper industry
- High quality products
- A global service network with on-site support
- Knowledgeable, personal consultation from our engineers
- Unmatched range of vacuum and pressure technologies

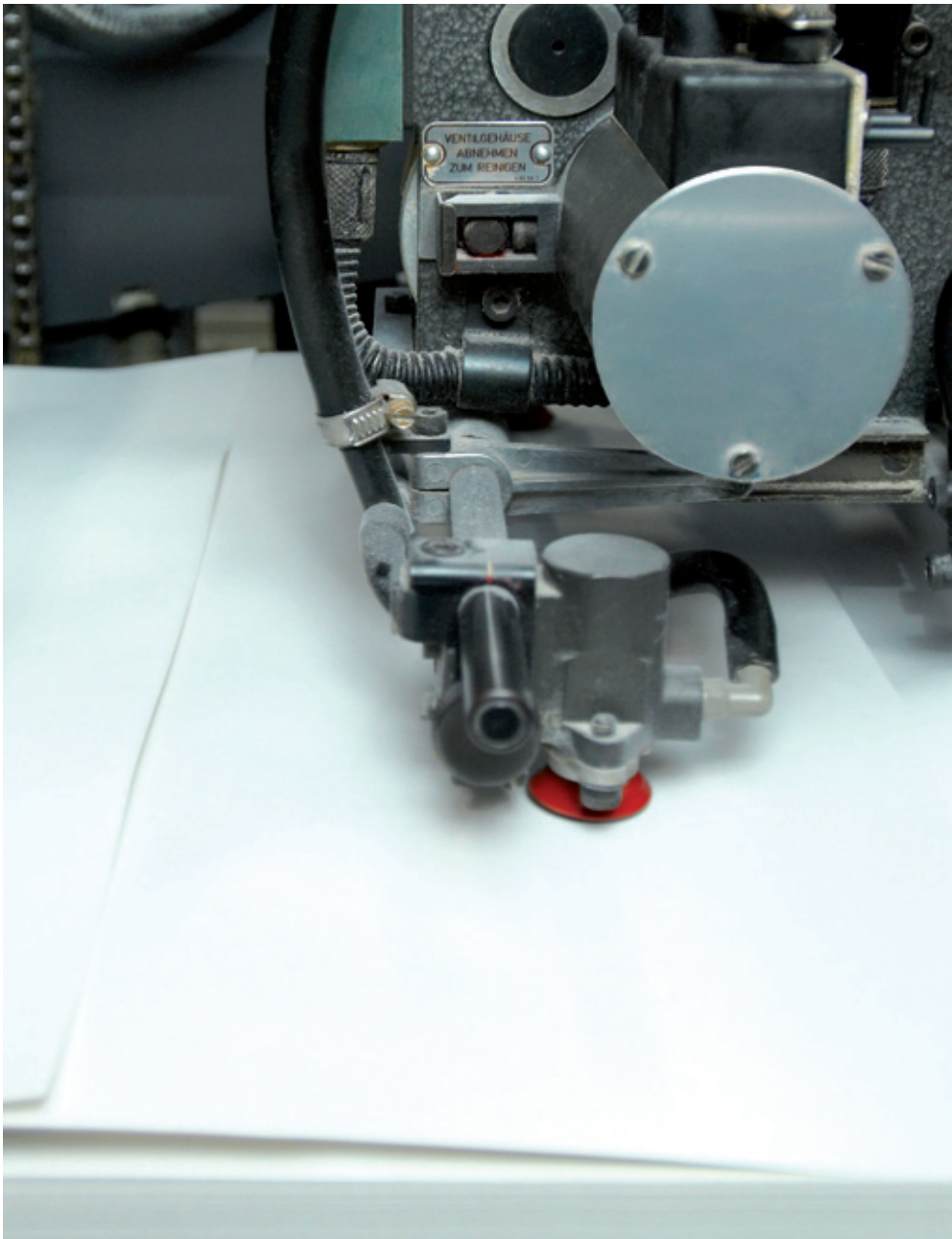
But that is not enough from your point of view – your expectations are higher. And rightly so. The decisions you make regarding partners with whom you want to work also depend on whether the following value-added parameters are fulfilled:

- Fair market pricing
- Competitive operating costs
- Environmental compatibility and durability
- On-time delivery
- Low maintenance costs
- Competent after-sales service

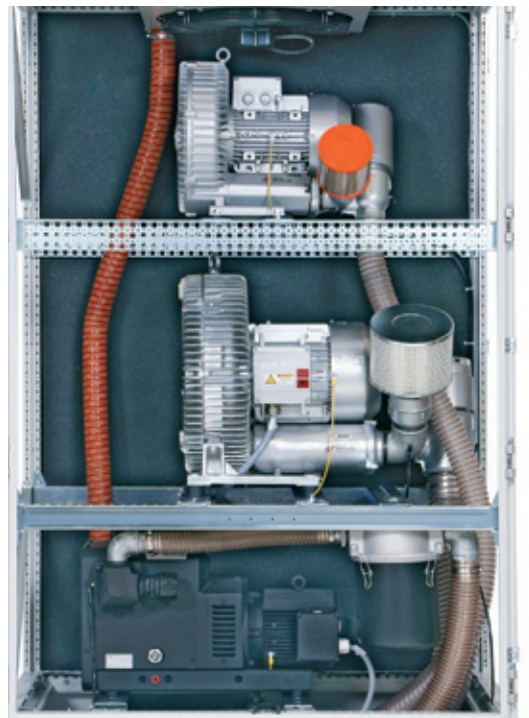
Only after all of these prerequisites and requirements have been met can you be sure that you have made the right decision.

With vacuum pumps and compressors from Elmo Rietschle, you acquire more than “just” a first class product that precisely fits your needs – you have a solution. Once that is done, you do not have to worry about our pumps and compressors for the time being – we keep our promises. Take our word.

Peace of Mind.



Air Supply for Applications in the Printing and Paper Industry



Pre-Press

Vacuum is required for a variety of applications in the pre-press area, such as preparing images and films for scanning or exposure and for copying printing plates. There are also many applications where over-pressure is needed as well, such as for guiding plates or film in automatic systems.

Pre-Press

- Film fixing
- Plate copy equipment
- Printing plate processing
- Scanner

Press

In classic sheet fed offset presses, vacuum and pressure are always needed for paper handling – at the feeder to separate the sheets, to feed the single sheets to the different color-aggregates or to guide the sheets through the machine.

Presses / Press Components

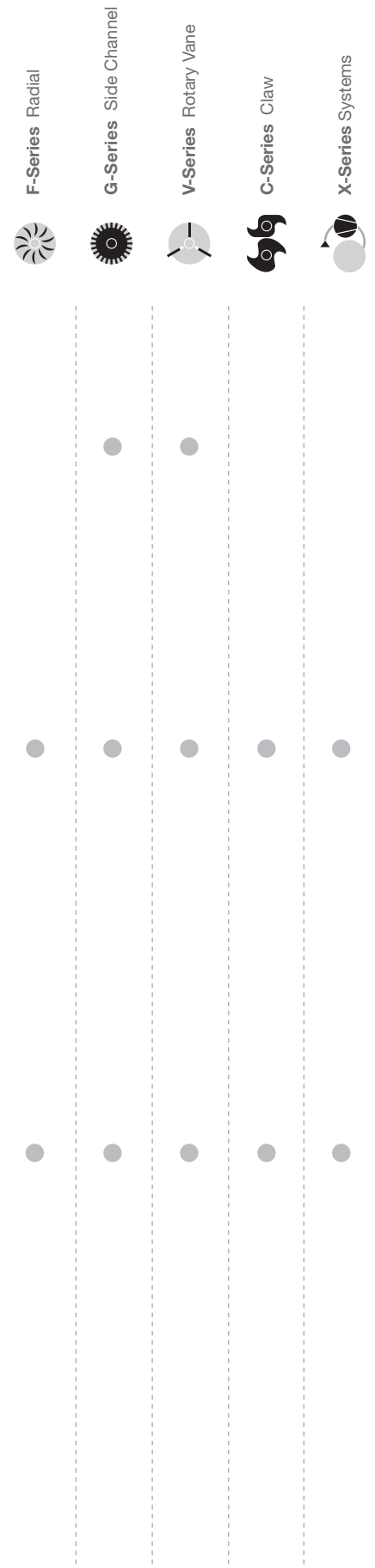
- Drying aggregates
- Ionization aggregates
- Powder aggregates
- Rotary offset machines
- Sheet fed offset machines

Post-Press

Paper processing covers a large number of activities and applications – most of which need vacuum or compressed air. The Elmo Rietschle product range is ideally suited here and our customers can take full advantage of the different technologies we supply. Typical examples are side channel blowers for folding and cutting machines, pressure-vacuum pumps and individual vacuum pumps and compressors for collating and book-binding machines or radial blowers for removing waste paper. Elmo Rietschle offers you the ideal solution for every application.

Post Press Machines / Post Press Components

- Air-tables
- Book binders
- Cutting machines
- Envelope sealing machines
- Folding machines
- Gripper systems
- Loaders and unloaders for cutting machines
- Mail sorting systems
- Pallet air lifts
- Paper stack lifts
- Paper joggers





Air Supply Systems for the Printing Industry

Centralized Systems

Many processes in the printing industry require vacuum or pressure: printing, folding, collating, binding, trimming, packaging and labelling are typical applications. Although these happen in different places there is no need to operate individual vacuum pumps for every single production machine. Centralized vacuum systems generate the vacuum required for multiple applications, thus saving space in the production area and reducing employees' exposure to noise and heat. Elmo Rietschle has been a trusted partner of all leading manufacturers of printing machines for many years.

AIR CENTER Air Supply Cabinets

The individual requirements in the printing and paper industry can be covered efficiently and economically by the Elmo Rietschle AIR CENTER – compact cabinets that house the individual components (such as radial, side channel, claw and rotary vane vacuum pumps and compressors). Low noise level and operating temperatures are major characteristics. Optimizing the interaction between the individual pumps is a complex process that requires decades of experience and profound know-how – we have it.



F-CEVF



F-CEV-S



F-RER/ F-REL

- Aluminum cast housing and impellers
- Cost efficient and robust
- Life-time lubricated bearings
- Process safe and resilient
- Quiet and low vibration operation



F-Series
Radial



G-BH1



G-BH2
VELOCIS



G-BH7



G-SAH/ G-SAP

- Maintenance friendly and wear free
- Very quiet as a result of sound engineering
- Dust resistant
- UL/CSA approved
- Up to 40,000 operating hours
- 50/60 Hz voltage range motors



G-Series
Side Channel



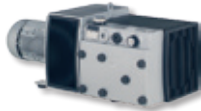
V-VTE
V-DTE



V-VLT
V-DLT
V-KLT



V-VTA
V-DTA
V-KTA



V-VTR
V-DTR
V-KTR

- Dry running
- Low noise level
- Maintenance friendly
- Long up-times
- Can also be used in pump set combinations



V-Series
Rotary Vane



C-VLR
ZEPHYR



C-DLR
ZEPHYR

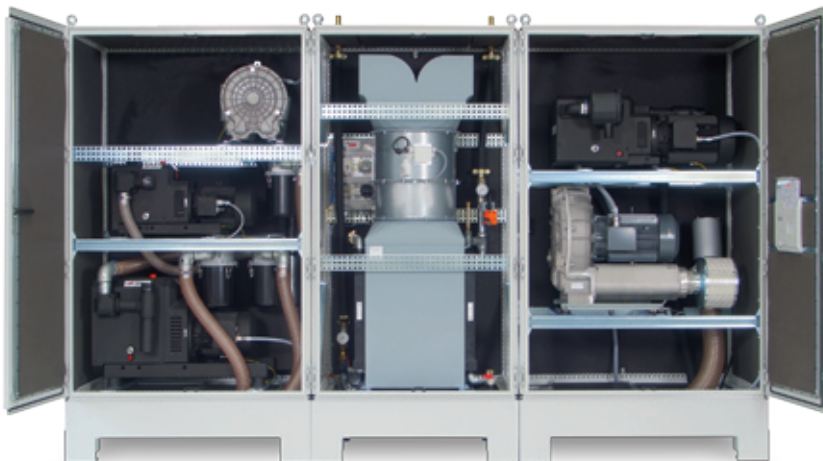


C-KLR
ZEPHYR

- Long up-times
- Maintenance friendly
- Dry running and contact free operation
- Targeted discharge of cooling air
- Process safe and resilient
- High efficiency



C-Series
Claw



AIR CENTER

- All components in one housing
- Low noise level
- Low operating temperatures
- Considerable reduction of installation and operating costs
- Simplified access
- Water cooling available
- Small footprint



X-Series
Systems



We are at home throughout the world – and near you. Our service personnel speak your language. Take our word.



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**Gardner
Denver**

Elmo Rietschle is a brand of the
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