**Petrochemical**

Vacuum pumps and compressors are used in many applications in the chemical industries. Technologies used are dry running and oil lubricated rotary vanes, liquid ring and rotary screw pumps as well as ejectors. Engineered systems designed and built for our demanding customers assure safe and reliable operation.

Compressed air can also be found in numerous uses in this industry. Both oil lubricated and oil free compressors deliver a safe and reliable form of energy that can be used on both sensitive products and in hazardous environments. Another product range is available for the safe transfer of chemical and petrochemical liquids in bulk at both standard and high pressure.

### Air curtains

Compressed air is used as a curtain to create a safe and clean area.

### Control valves and cylinders

Compressed air is used for operating printing pumps and equipment. As air is non explosive, it is safe and reliable.

### Gas Compression

Gases must be compressed before they can be pumped through pipelines for further use. In many cases this compression is also necessary in order to reduce the volume of storage space required.

### Material handling

Compressed air operated fluid pumping systems are used in volatile environments without the risk of explosion.

### Nitrogen generation

Compressed air is filtered via a membrane to produce nitrogen used in a variety of chemical applications.

### Pneumatic Conveying

Chemicals can be conveyed safely and economically with stand-alone compressors or vacuum pumps and central systems. Dust free and therefore loss-free conveying, simple design of the piping and no deformation of the conveyed material are assured.