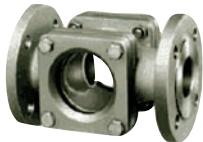




**We control everything -
reliably and economically**

**Industrial-
and Chemical Valves
Actuators
Controls
Measurement and
Control technology**



REVAC is an internationally experienced company with sales, trading and development of

Industrial- and Chemical Valves

Actuators

Controls

Measurement and Control technology

Besides a very extensive standard product range includes the development of products and the technical-economic development of customized solutions are part of our strengths in the international market.

The solid and reliable quality of our goods and services, flexibility and the excellent, fair value for money guarantee a strong and successful business relationship for both sides.

Challenge us!

Tell us about your job!





Feeling home in many industries ...

As a reliable and competent partner we advise and supply our innovative products to the following Industries:

- **Chemistry**
- **Refinery / Petrochemistry**
- **Pharmaceuticals / Biotechnology**
- **Power Plants**
- **Pulp and Paper**
- **Steel industry**
- **Shipbuilding**
- **Food**
- **Water supply and disposal**
- **Engineering / System solutions**

Chemistry

For example

Adhesives

Adhesives are process-based materials which are manufactured industrially in the vast majority of organic compounds.

A distinction adhesives according to the chemical base and after the solidification mechanism.

Applications of adhesives are today in all kind of situations and in various manufacturing processes of various industries such as automotive, construction and textiles.

REVAC is familiar with the specific and unique challenges of valves and their automation as reparability and explosion protection guidelines.



REVAC in chemistry (samples)



Refinery / Petrochemistry



For example

Gasoline

The production of fuel from crude oil is still one of the most fascinating and most prestigious industrial processes of humanity.

The stored oil is, after the first treatment on site into crude oil, separated into different fractions and analyzed in refineries. It remains that no substance of crude oil is unused.

Gasoline - in its different varieties - is still the primary fuel for our mobility.

REVAC supplies valves for the transport, treatment and the different methods of distillation and extraction. And this all according to EN and ASME standards.

REVAC in Refinery and Petrochemistry (samples)



Pharmaceuticals / Biotechnology



For example

Insulin

The pharmaceutical engineering is concerned with the manufacture of drugs in all stages of production, beginning with the starting materials, intermediate products and final products of pharmaceutical form. Also included is the quality assurance, analysis, packing, validation and qualification of drugs.

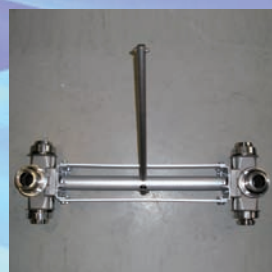
As a final product we get life-saving medicines in the form of tablets, coated tablets, ointments, lotions, tinctures and infusions.

Insulin is the door-opener in the blood and ensures that the body's cells are supplied with glucose. That drive us.

The stringent requirements and guidelines for the production are also placed on the valves and their suppliers: REVAC meets all requirements and approvals such as Hygienic design, CIP, sterile, FDA.



REVAC in Pharmaceuticals and Biotechnology (samples)



Power Plants



For example

Solar energy

Power plants are technical plants for electricity generation. Usually hereby mechanical energy is converted into electrical energy. This mechanical energy is depending on the orientation of kinetic energy (wind / water), thermal energy (turbines), solar radiation energy, chemical energy (burning of oil, gas, coal, garbage) or nuclear energy.

Decisive for the selection of power plants is always the efficiency.

The trend towards renewable energies allows us today the use of the sun as largest energy source in many solar power plants like photovoltaics.

REVAC support the power plant designers, constructors and operators with an accurate selection of the appropriate valves with absolute reliability.

REVAC in Power Plants (samples)



Pulp and Paper

For example

Cardboard

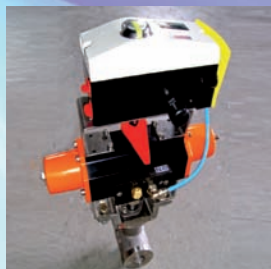
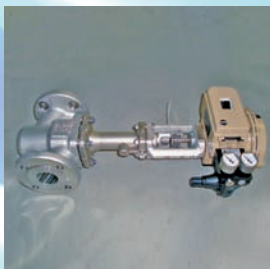
Paper is mainly composed of cellulose fibers which are first exposed widely. The pulp thus obtained is mixed with water and pulped. On a screen the thin slurry is moved so that the fibers lay as close as possible above the other and each other form a nonwoven. If the paper is dried, the surface can be closed by means of starch, modified cellulose or polyvinyl alcohol (called sizing).

Cardboards which are used in large quantities for example in the industrial packing are made of several layers of paper.

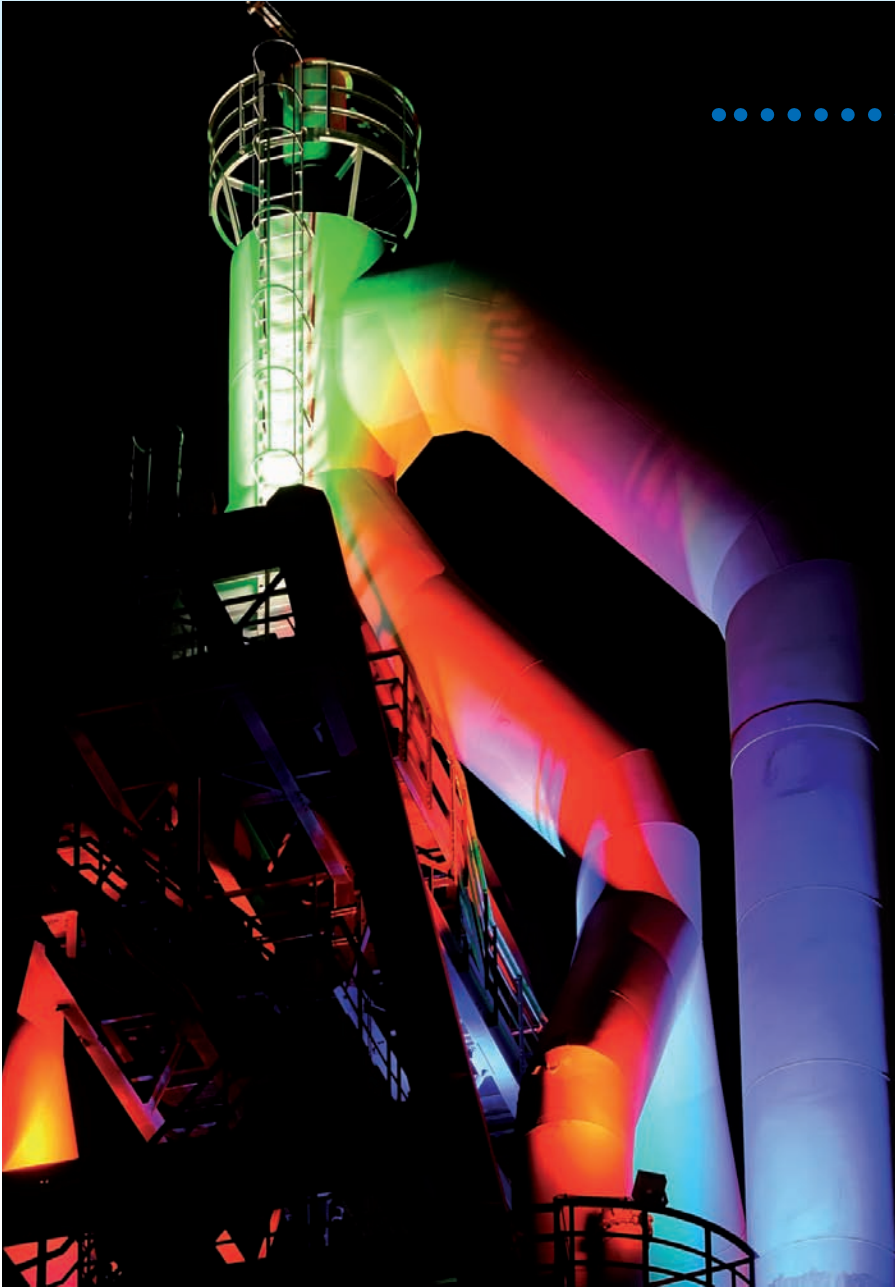
REVAC supplies the largest pulp- and paper manufacturers worldwide with valves in the production process (like ball segment valves and knife gate valves) as well as supplying energy (as steam valves and steam traps),



REVAC in Pulp and Paper Industry (samples)



Steel industry



For example

Pan fire

The steel industry is a heavy industrial intermediates such as hot-rolled strip, forgings, plates, bars, long products, tubes, wire and forth which are the further processed into end products.

In addition to energy-intensive steel production today the refining and processing have an important role. Hereby the claims to the highest safety and quality are mainly in the foreground.

Pan fire can be used both for drying and heating up to all kinds of ladles. High levels of heat transfer, slow heating rates and low emission values are achieved through the use of advanced technologies.

REVAC delivers gas shut-off and control valves for supply and flap valves up to a diameter of 2 m for exhaust gas.

REVAC in Steel industry (samples)



Shipbuilding

For example

Crossover of diesel tanks

Starting with a dugout canoe is now a modern science with engineering and manufacturing development of modern transportation and cruise ships.

High-tech types of vessels such as cruise ships, yachts and special vessels are nowadays often made in Europe and North America. The construction of the standard cargo carrying ships are often realized in Asia.

As a marine propulsion diesel engines with a power capacity of almost 100 MW are often used.

REVAC supplies crossover valves of diesel tanks for a lot of marine engines for continuous and redundant supply.



REVAC in Shipbuilding (samples)



Food



For example

Potatoes

Food products are different in plant origin, animal origin as well as drinks. In the production and processing the highest standards of hygiene and quality are determined. Compliance with applicable standards and regulations such as FDA are mandatory.

The mechanical processing of potatoes, vegetables and fruits usually begins with the peeling by stem. The fruits to be peeled are exposed in a pressure vessel briefly to high temperatures. The shells can be followed almost with rubbing them mechanically and/or washed away.

REVAC supplies steam valves and cavity free special valves on the pressure vessel outlet.

REVAC in Food Industry (samples)



Water supply and disposal



For example

Sea water desalination



The supply of humanity with drinking water by sufficient quality is one of the biggest tasks today. The global resources are accessed and used with intensive processing of different sources.

By the sea water desalination the huge water resources of the oceans and seas are benefit. In various processes such as reverse osmosis, etc. the salinity of the water is reduced so that it can be used as drinking water.

REVAC is included in many plants worldwide with automated butterfly valves and diaphragm valves.



REVAC in water supply and disposal (samples)



Engineering / System solutions



REVAC provides engineering and system solutions

Due to the diverse and complex applications of advanced process technologies in addition to the standard solutions also special solutions in terms of materials and/or pressure and temperature are requested.

REVAC is experiencing here as a company with the latest development tools from consulting to manufacturing and delivery services. Beyond the pure component solution there is the system solution. Whole plant parts with shutt-off and control valves, distribution, instrumentation, measurement and electrical engineering and control are developed, constructed and documented as a unit. True to its slogan: Just plug in!

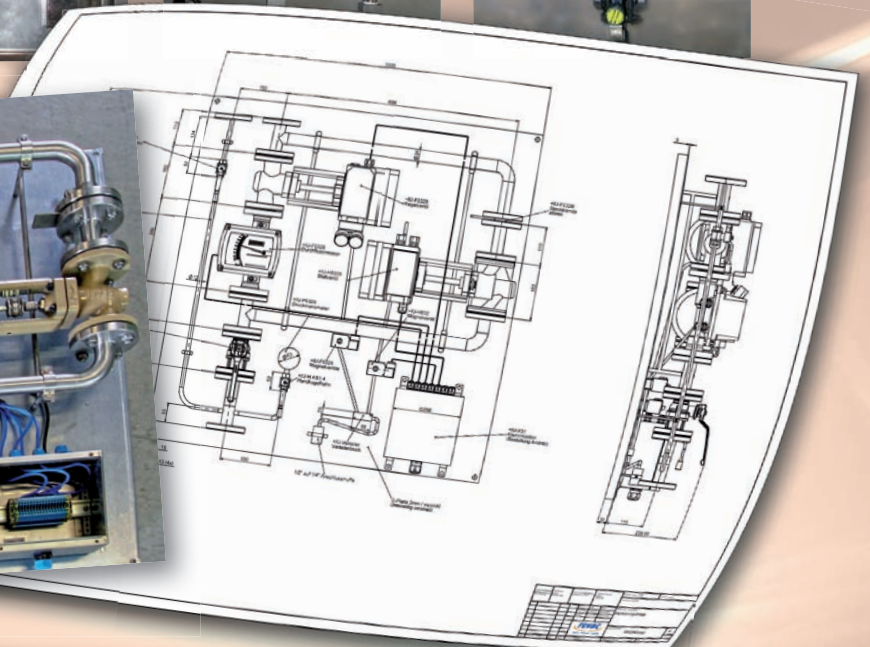
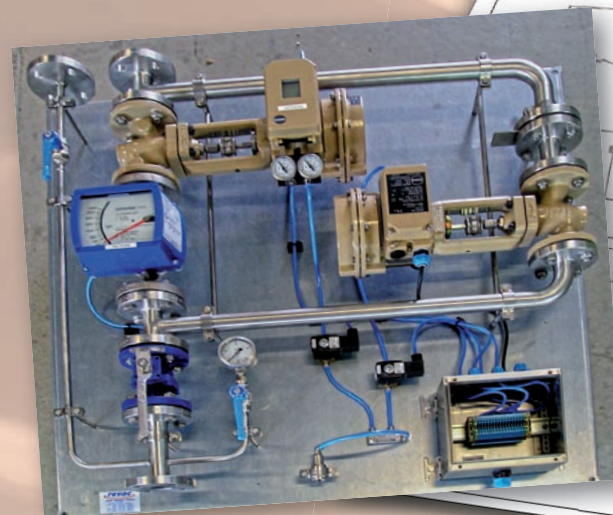
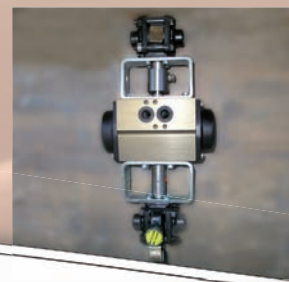
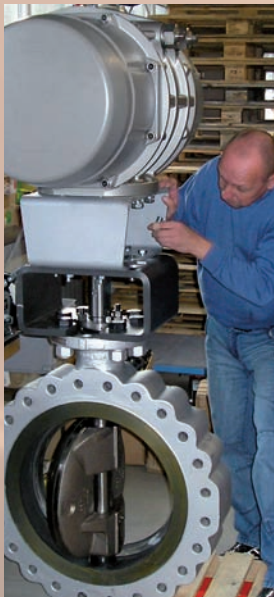
REVAC – your reliable partner



... for individual solutions

... for custom solutions

... in automation



Product Range

- **Actuators**
- **Actuators accessories**
- **Ball valves**
- **Bursting discs**
- **Control valves**
- **Check valves**
- **Gate Valves**
- **Globe- and Diaphragm Valves**
- **Pigging technology**
- **Plug valves**
- **Pressure gauge valves**
- **Safety valves**
- **Sampling systems**
- **Shutt-off-, Throttle and Control Butterfly Valves**
- **Sightglasses**
- **Strainers**
- **Tank bottom valves**
- **Valves accessories**

From Germany all over the world



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