



CONDENSATE PROCESSING



BEKOSPLIT®

economical, high capacity emulsion treatment





The BEKOSPLIT® Principle

One liter of oil contaminates 1,000,000 liters of groundwater. Therefore, the law stipulates the professional and responsible handling of emulsified condensates that accumulate during many production processes. In many cases, processing by conventional physical gravity separation is not sufficient.

Environmentally-friendly processing

The BEKOSPLIT® splitting plant allows for reliable, economic, and high volume processing of emulsified condensates that accumulated as a result of unfavorable initial conditions, or due to certain lubricant/compressor combinations. Water-insoluble organic pollution, such as oils and solid impurities, is removed via the addition of a special alumina mineral. Subsequently, the out flowing water, that is pollution-free, can be directly introduced into the wastewater system.

FEATURES AND BENEFITS:

+ HIGH CAPACITY OIL WATER SPLITTING PLANT:

6 model sizes up to 7,000 scfm

+ INTELLIGENT ELECTRONIC CONTROL:

superb reliability and maximum safety

+ ENVIRONMENTALLY FRIENDLY SPLITTING AGENT:

no additional chemicals or heat required

+ LOWER OPERATING COSTS:

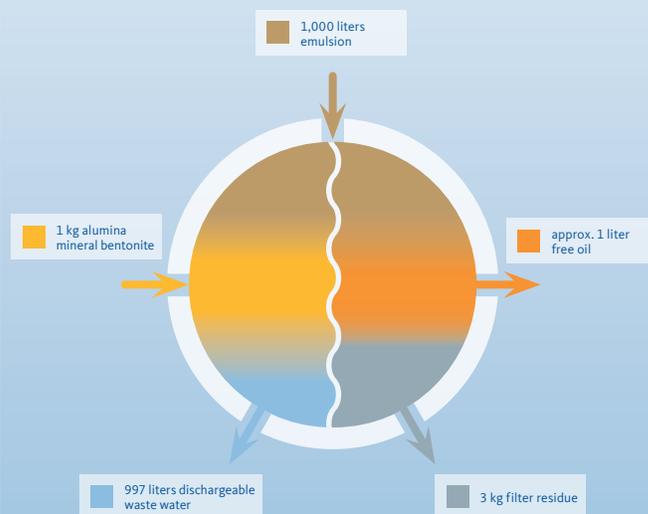
minimal power consumption, maintenance can be done in under ten minutes

+ SAFE OPERATION FOR ALL CONDENSATE:

guaranteed to work even on the toughest jobs- meets every U.S. regulation



The result: pollution-free wastewater!





BEKOSPLIT® oil/water separators

Cost-effective operation

Compared with other methods, BEKOSPLIT® offers convincing advantages: the plant operates with low splitting agent consumption, long filter service lives, and electronic monitoring of the operating states. Moreover, it is easy to handle, reliable in processing, economical as far as operation is concerned, and it only requires rather little maintenance effort. BEKOSPLIT® has also proved itself at an international level: BEKO Technologies is the global market leader regarding emulsion splitting plants for compressed-air condensates.

Effectively separates emulsions

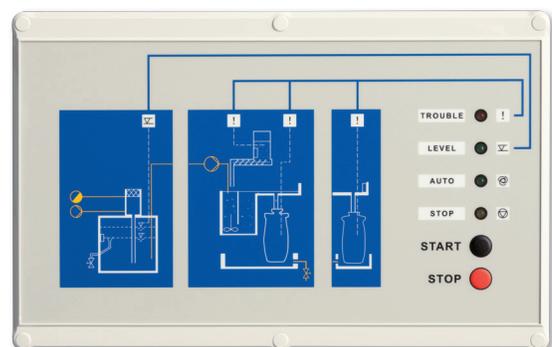
In addition to compressed air condensate, BEKOSPLIT® is also suitable for treating other oil containing industrial wastewaters: water-insoluble organic impurities - oils, vegetable or animal fats - and a large variety of solid contaminants can all be removed. Any heavy metals, dirt or paint particles present in the water are reliably adsorbed.

Typical applications are:

- oil-contaminated wash water (i.e. from vehicle cleaning)
- leak test liquids
- bilge water

Electronic monitoring of all operating states:

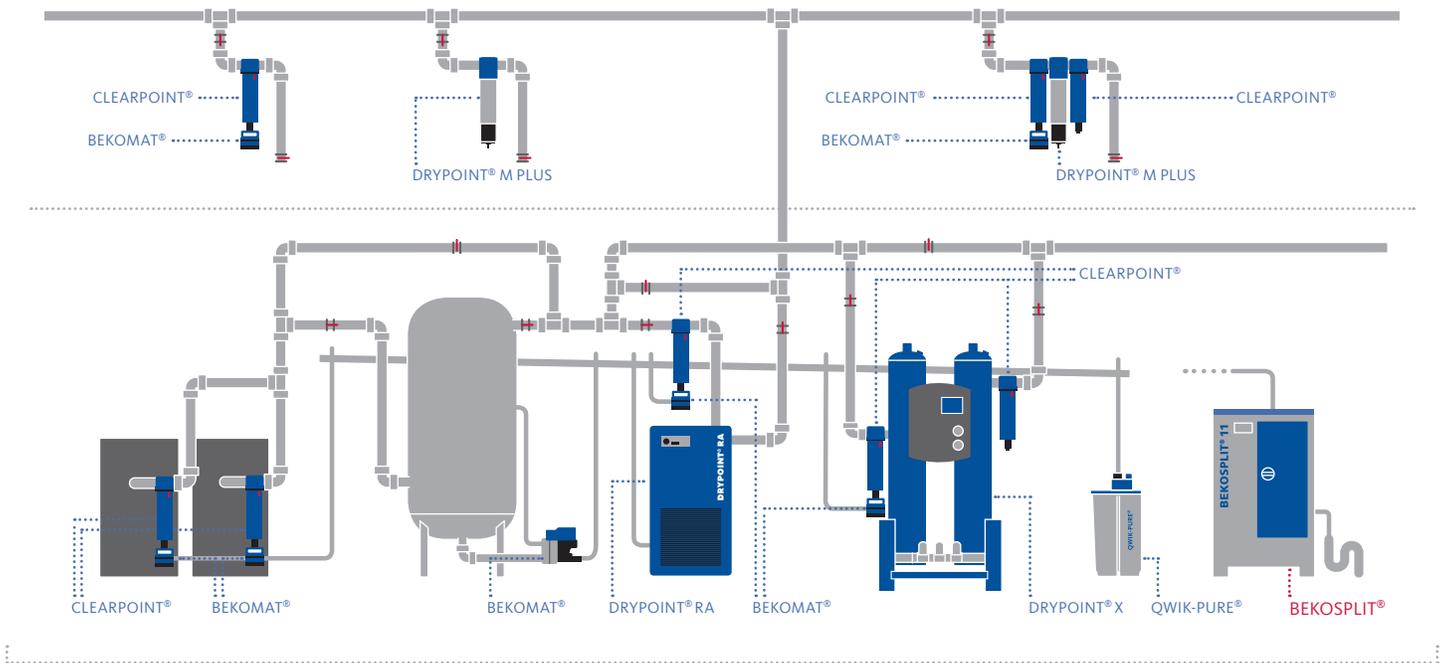
- > Microprocessor control of sequences
- > Monitoring of the splitting agent supply
- > Permanent filter monitoring
- > Maintenance and alarm messages can be processed externally via output signals
- > The electronic control and monitoring system enables automatic operation



Truth in Compressed Air

We at **BEKO** Technologies develop, manufacture and distribute products and systems for an optimized compressed air and compressed gas quality throughout the world. From the processing of compressed air and compressed gas through filtration and drying, via the proven condensate technology to instruments for the quality supervision and measurement. From the small compressed air application to demanding process technology.

Since its founding, **BEKO** Technologies has continuously given decisive input to compressed air technology. Our ground breaking ideas have exerted considerable influence on the development of the compressed air industry. In order to keep this going, more than 10% of our employees work in research and development. With this potential and with our personal commitment, we at **BEKO** Technologies stand for trend-setting technologies, products and services.



The product categories

 Condensate drainage BEKOMAT®	 Filtration CLEARPOINT®	 Measurement technology METPOINT®
 Condensate processing ÖWAMAT® QWIK-PURE® BEKOSPLIT®	 Drying DRYPOINT®	 Process technology BEKOMAT® BEKOBLIZZ®



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