

A photograph of a large-scale industrial membrane separation system. The central feature is a row of several large, vertical, white cylindrical modules, likely membrane elements, mounted on a metal frame. They are connected by a complex network of white plastic or metal pipes and valves. The background shows more of the industrial facility, with additional equipment and piping visible through windows in the walls.

## Innovative membranes and modules

GMT Membrantechnik  
GmbH

# Membranes and membrane modules

## GMT Membrantechnik GmbH

Your flexible and reliable partner  
for innovative membranes and  
membrane modules



GMT Membrantechnik GmbH, based in Rheinfelden, Germany, is an internationally successful manufacturer of industry standard composite membranes and membrane modules. Our products are synonymous with competence, high quality and reliability.

Established in 1995, GMT offers state-of-the-art membrane technology for your separation process. To this end, GMT works in close collaboration with highly competent partners.

As part of BORSIG Membrane Technology GmbH, a leading internationally established membrane unit manufacturer, GMT always focuses on industry relevant solutions.





## Applications

- Separation of volatile organic compounds and gases
  - Emission Control
  - Product Recovery
  - Gas Conditioning
- Oxygen enrichment from air
  - Oxygen-enhanced combustion
  - Oxygen enriched air for wellness appliances
- Treatment of organic solvents by Organophilic Nanofiltration
  - Recovery of homogeneous catalysts from reaction mixtures
  - Conditioning of liquid hydrocarbons
  - Purification of organic solvents
  - Product concentration in process liquids
- Carbon capture
- Fuel cell humidification

## Products and services

- Manufacturing of industry standard composite membranes and membrane modules (pilot and industrial scale)
- Evaluation of your separation task and technical support by our experts
- Membrane development and optimisation
- Lab-scale membrane tests (chemical resistance, membrane screening, feasibility studies)
- Membrane process units (pilot scale, production process units)

## GMT – competence for your future

GMT is a partner in forward-looking research projects of the European Community, the German Federal Ministry of Education & Research and the Deutsche Bundesstiftung Umwelt as the specialist in industrial scale membrane manufacturing.

Consequently, via GMT you always have access to the latest developments in membrane technology to make your business more successful.



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