

United Skills of **KREMSMUELLER**



We Partner Your Plant. Lifelong.

Thin-Film-Evaporation



Since 1961 Kremsmüller stands for premium quality in industrial plant construction. The family-run company has made versatility to a business principle over those years. From pipeline, tank and apparatus construction to hard and software engineering – our long established company provides all services from one source. Without a doubt, the experiences over decades and the wide-range of expert knowledge, are playing a central role at Kremsmüller.

In order to better meet the customer and market requirements, our company has further developed in its technical know-how. Kremsmüller has now established itself in the process industry sector and therefore we are able to serve an even wider range of products. This includes apparatuses and machines like thin-film evaporators, thin-film dryers, evaporation plants and much more.

In this field, Kremsmüller offers a wide range of applications in its own in-house technical center. From feasibility studies to laboratory and semi-technical tests up to sample quantities production. In doing so, we can revert back to decades of experience by our experts.

From the first idea, to project planning and realization up to a trouble-free operation and planned completion of the plant, Kremsmüller takes all project steps from a single source, **which is unique in this market place.**

Your benefits: More security, higher quality, less time and less interfaces.



Idea

Your idea under the microscope.



Plan

From the idea to the final project plan.



Build

Our combined power to build your plant.



Maintain

Maintain your plant's productivity, fitness and future ability to perform.



Next

A planned end and a new beginning.



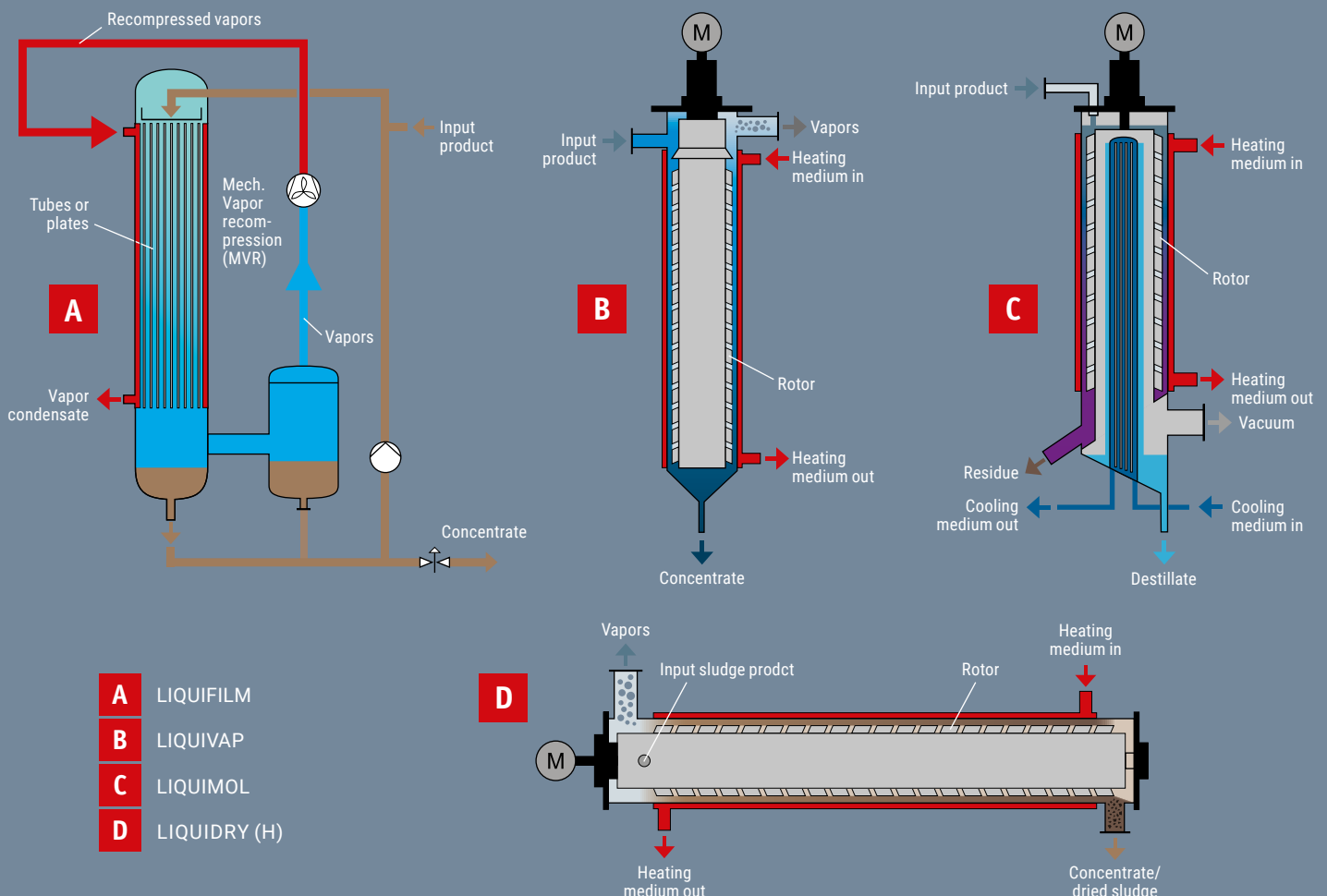
Kremsmüller Thinfilm-technology

At Kremsmüller, a specialised team of experts deals with distillation, evaporation and drying plants. This involves thermal separation processes for the recovery and recycling of residual materials. Our technologies can be found in the following industrial sectors:

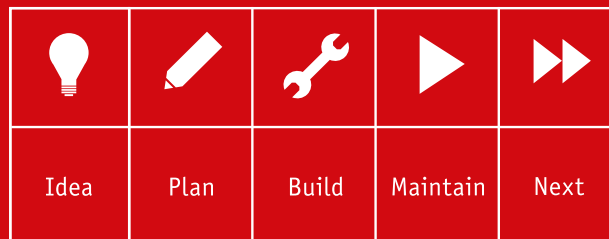
- + Fiber and pulp industry
- + Environmental technology
- + Chemical industry
- + Milk-processing industry
- + Beverage and food industry
- + Sugar and starch industry
- + Polymer industry
- + Petrochemical sector

Products	Surface	Heating temperature	Operating pressure	Application areas
LIQUIFILM evaporation plant (evt) with thermal or mechanical vapour recompression (tvr or mvr)	up to 5.000 m ²	up to approx. 200 °C	up to 10 mbar	Starch solutions, Solvent recovery, Black liquor, Milk, Caprolactam
LIQUIVAP thin-film evaporator vertical	0,1 up to 60 m ²	up to 500 °C	up to 1 mbar	Polymers, Waxes, Isocyanates, Tall oil, Fatty acids, Oils, Sorbitol, Glycols, Silicone oils
LIQUIDRY (V/H) thin-film dryer vertical and horizontal	0,1 up to 120 m ²	up to 500 °C	up to 50 mbar	Municipal and industrial sludge, brine solutions, Lecithin, Glycerin, Acids, Suspensions and pastes
LIQUIMOL shortpath evaporator or molecular distillation	0,1 up to 60 m ²	up to 450 °C	up to 0,001 mbar	Vitamins, Isocyanates, Fatty acids, Bio diesel, Lactic acid, Monoglycerides

Functional principles of our technologie



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