

BOOST YOUR PRODUCTIVITY AND OPTIMIZE YOUR PROCESS!

ASK FOR A MIXER AND YOU WILL GET MORE THAN A MACHINE

You develop new products and processes. New and reliable equipment becomes more important in the Chemical Process Industry.

Bergius unique selection of mixer manufacturers help you to optimize

your process and productivity. Through us you reach a global network of research, application and engineering support.

Any "new" mixing problem might already have been solved somewhere

else in the world. Bergius together with experienced partners will independently select the most appropriate mixer for your process.

What we recommend, we guarantee 100%.



LIGHTNIN® MIXERS

One of the leading global manufacturer of fluid mixers with open impeller systems. With almost 90 years and a number of milestones of process and equipment development, Bergius are happy to have been

distributing this qualified brand for more than 20 years. In the Nordic areas there are a number of different markets as mineral and pulp stock in north, offshore in west plus food and pharma in south. All therein you will find a Lightnin newly installed or trouble free operated for a great number of years.



LIGHTNIN® MIXERS

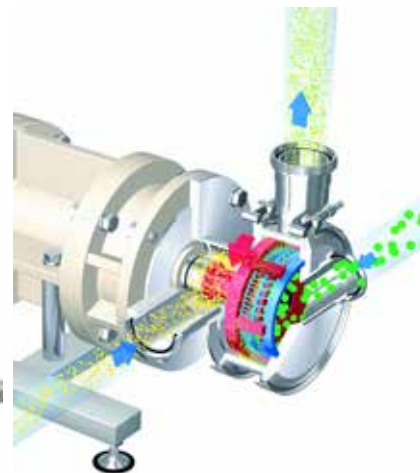
We were asked by a chemical plant to reduce batch time in a wide range of industrial detergents. Viscosities were peaking, equipment was straining, batches were stratifying, etc. New baffling and product formulation helped, but efficiency took off with the new mixer equipped with A310 impellers. With this hydrofoil impeller and without changes in power supply, the new mixer eliminated coating problems. Flow was increased by 35%, shear was lowered protecting sensitive additives. Products are now right on spec.

YSTRAL IN-TANK ROTOR-STATOR MIXERS

To improve pressure head and turbulence, Ystral launched the rotor-stator principle in the sixties. With a well selected size for the actual volume in mid viscous applications, an Ystral mixer gives a shorter blend time and force difficult products to come together.

The mixing head generates a strong top to bottom stream of the liquid. The name Jetstream Mixer was invented thereof. Blending and Dispersing in one go! It is also possible versus open impeller systems, to pull in more power per volume without creating heavy swirls or vortexes.

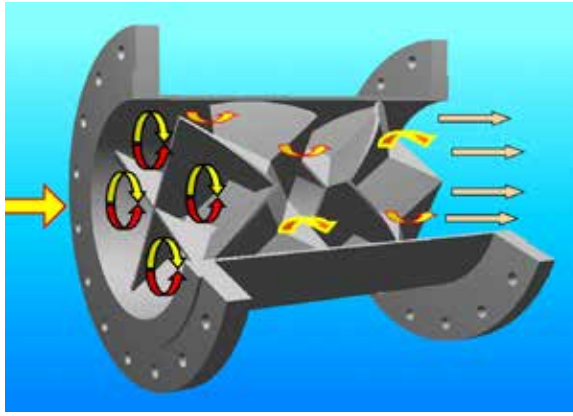
The stator is fixed and will not draw the liquid to circulate. This benefit also allows you to avoid tank baffles.



YSTRAL CONTI-TDS AND IN-LINE DISPERSING TECHNOLOGY

Ystral® In-Line rotor-stator mixers for high shear applications are widely used and know. The technology is profitable used in manufacturing of paint, coatings, adhesives and similar areas. Typically when pigments, fillers or thickeners must be fully dispersed.

A couple of features the Conti-Tds will bring are dust free powder wetting and better usage of raw materials. Ystral makes machines for improving process yields – you are welcome to ask us how.



STATIFLO INTERNATIONAL

A world leader of motionless mixer technology. With more than 1500 customers in various industries and Mixers installed in more than 75 countries Statiflo are well known. We are proud to represent the team of chemical and mechanical engineers of Statiflo and their experience to develop process solutions. Whatever it's a matter of advanced liquid blending, plug flow reaction, gas or steam dispersing or mixing in channels you will feel a great comfort in our proposals, so please ask.



HOELSCHERTECHNIC-GORATOR®

The manufacturer of GORATOR® - The dynamic and heavy duty processing unit for defined solid sizes and stable solid-liquid mixtures. It grinds, mixes, homogenizes and transports (almost) anything of amorphous lumps. Suitable for high continuous flow rates, common in CPI, OIL and P&P production industries.

Hoelschertechnik-gorator® is a member of Himmel® Technologies Group. The picture shows an installation in a recovery line for black liquor.



PLENTY® - LIGHTNIN® SIDE ENTRY MIXERS

Bergius offer for big tank mixing, specially for the oil industry, a broad range of side entry mixers with a variety of drives, impellers, seals etc. With both Plenty and Lightnin we can select the most suitable mixer for your process. These mixers are well seen during many years in big Refinery or Depot tanks. From the traditional tank installations as for crude, fuel oil and asphalt blending it is today a higher demand of uniformity of various petroleum products and fuels due to new types. A bigger mixing impact is requested in most cases when special additives are present or ecological fuels has to be uniform and qualified delivered.

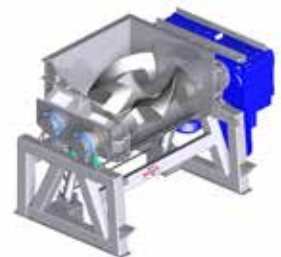
LIGHTNIN and PLENTY are **SPX** brands



WINKWORTH MACHINERY

Winkworth Machinery has been designing and manufacturing world class mixers for mixing powders, creams, batters, pastes, sludges, slurries and granules. With Winkworth we aim to expand into the non fluent and solid mixing market. Winkworth Mixers include: Z Blade, Ribbon, Kneaders, Paddle and Double Cone Blenders for use in a wide range of industries.

With Winkworths experience since 1928 Bergius feel trust to provide unbeatable customer support and equipment performance. You are welcome to test us.



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bergius
MIXING TECHNOLOGIES