#### Function.....

Together with the Dispermix stator, a high speed rotor creates two liquid streams in different directions. A partial vertical stream is directed to the bottom of the vessel where it is reflected and causes strong turbulence in the whole vessel. The second partial stream is redirected horizontally and forced to pass through the dispersing zone of the Dispermix bead.......

## Principle.....

Turbulence in the Dispermix bead and strong vertical forces are mandatory for optimum mixing of the contents of a vessel. The patented Dispermix bead works according to the principle of a rotor-stator system and causes strong turbulence in the vessel as well as particle size reduction of solids and agglomerates.....

## Installation.....

For a Dispermix there is no "unfavourable" design of vessel. Depending on the application, the Dispermix may be installed to a tank from the top, from the bottom or as side entry.......

# Technology.....

High-quality materials guarantee reliable, continuous operation. Motor and mixing shaft are assembled separately, all rotating parts are protected against accidental contact.....

#### Advantages.....

The product is mixed without incorporation of air by a vortex or along the mixing shaft. All the contents of the ressel, even highly viscous products, are mixed homogeneously and dispersed. While mixing, all agglomerates are broken down, the solids reduced to their primary particle size and completely wetted. In many cases, an additional dispersing step with a high shear machine can be avoided. The facility to use an electronic speed control, the modular design as well as the choice of a range of dispersing tools for each application, fulfil the requirements of any demanding production process.





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