

Verdermix VFG Series

Characteristics

The indirect driven mixers are equipped with an electric motor driven gearbox. These types of mixers are an excellent choice when mixable products require blending with a great care and intensity.

A perfect combination of shaft speed and mixing blade size is of the utmost importance in processes of this nature.

The VFG Series have a parallel shaft gearbox.

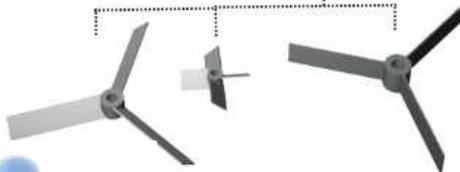


Your benefits

- Modular system
- Robust and stable
- Simply modified for custom applications
- Prompt delivery
- Easy assembly

Application areas

- Neutralisation in wastewater plants
- Coagulation in wastewater plants
- Homogenisation of low viscous fluids
- Wastewater treatment
- Mixing fluids of higher viscosities
- Heavy duty applications
- Flocculation treatment
- Reactor vessels
- Homogenisation of solids in liquids



Find your local supplier at www.verder-liquids.com

For construction, installation and floor mounting drawings

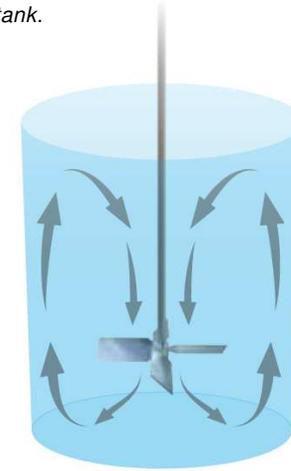
Please contact your local authorized Verder@distributor.

Working principle

Axial flow:

Axial flow impellers will generate a flow pattern parallel to the impeller shaft generating more flow and less shear so important for shear sensitive applications.

They create top to bottom motion into the tank.



Technical details

Options	Bearing lantern, sealing lantern with a mechanical seal, lip seal, chemical resistant coating.
Construction	Parallel shaft gearbox, (VFG)
Shaft speeds	Between 15 and 350 rpm
Shaft length	Up to 3000 mm
Mixing elements	PB2 – PB3- PB4 bladed Multiple elements possible

The selection of the best dynamic mixer with the correct impeller type will not only depend on the product viscosity, tank design, position of the mixing device, etc.

A lot more parameters have to be taken into account.

Contact our team of engineers to help you selecting the right mixer for your application!