



Floating Offshore Wind Power, *FMGC economic and optimized solutions*

FMGC designs and develops diverse innovative solutions suitable for floating offshore wind turbines.

Clump weights

These weights are designed to offset the vertical forces against the anchor and restrict the movement of the floating structure. They are available in two models:

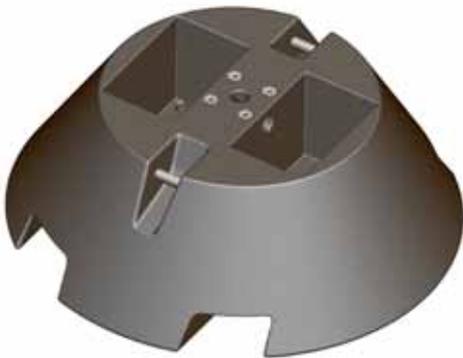
- The “distributed” configuration is a set of medium-sized clump weights, distributed over a segment of the anchor line. This configuration optimizes the effectiveness and the cost of the solution.
- The “mutualized” configuration consists of one clump weight, attached to one specific point of the anchor line. This configuration neutralizes the impact of wind & wave on the anchoring line.



FMGC provides a customized design of all clump weights based on the target weight, the chain line diameter and the available installation means.

Gravity Anchors

FMGC has a longstanding expertise in the manufacture of heavy sets of counterweights for the off-highway industry. Applying our excellent know-how we provide assemblies for the MRE sector, weighing up to several hundred tons. Thanks to their high-density, FMGC solutions significantly minimize the mass required to stabilize the anchor.



Over-ballasting Anchors

In this case the cast iron ballast is integrated into the anchor for additional weight and penetration strength. This increases its operational effectiveness, especially during the impact of applied vertical forces.

We provide custom tailored solutions.
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