



Starting from customer specifications, Oleobi designs and manufactures integrated systems for the most demanding applications which require a considerable amount of power such as:

- Industrial
- Onshore & Offshore
- Mobile
- Marine and Submarine
- Oil & Gas
- Military
- Energy and Recycling
- Drilling
- Tunnelling

Prior to delivery each HPU is fully tested and certified accordingly to application technical requirements.

Main Features:

- Customers space & safety requirement compliance
- Ability to design metal carpentry internally
- Hoses & fittings routing and piping integrated in the project design
- Material, painting and surface treatments variety to match customer's needs
- Product quality guaranteed by the validation of each component and a final functional test of the entire system
- Fluid dynamics and FEM structural analysis to reduce pressure loss and guarantee mechanical strength
- Provided with HMI and PLC
- On site commissioning, after sales support and predictive maintenance service
- **o-guardian** web monitoring service available
- Industry 4.0 compliant



Technical Data:

Certifications:	according to: DNV GL, ABS, BV, RINA, LR, CCS, KR, RMRS, ATEX, SIL, PED requirements
Process Control:	WPS, PQR, NDT, mechanical stress and wearing tests
Engineering international standards:	IEC61508, IEC61511, ASME, EU Directive rules and specifications
Painting:	up to C5M cycle, based on customer specifications
Surface treatments:	phosphating, electrolytic protections, nitrocarburizing, stainless steel surface finishing, anodizing, alodizing
Materials:	AISI 316L, 6MO, aluminum, steel, carbon steel, cast iron

Expertise

- Deep knowledge of each application and its specific needs and requirements
- Ability to give rapid feedback on new project feasibility
- Prediction of the main issues and opportunity to analyze similar situations already solved
- A partnership approach from the first project analysis to the on-site installation & test
- A skilled team for on-site and after sales activities
- 24 h support & commissioning services



Thanks to **o-guardian** service, OLEOBI test benches are **remotely connected** and the operator can get **real time information**, prevent issues, analyze usage, monitor **health status** and maintenance needs with detailed and **personalized reports**.