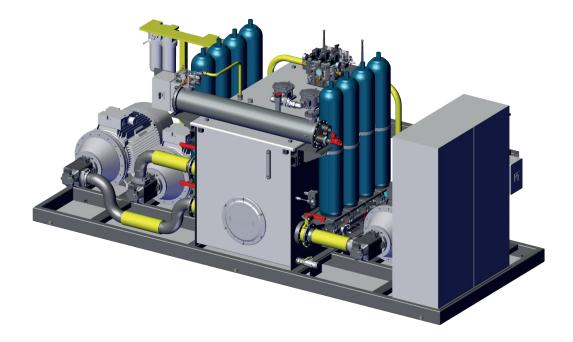
HYDRAULIC POWER UNITS





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, stainlees 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.



