

Offshore Helicopter Refueling Systems

Sypack has an extensive history in the offshore industry, fueling the goal to provide quality products, expertise and services in a constant effort for developed quality. By specializing in the fields of engineering and manufacturing we developed a range of high quality, reliable and safe to use helicopter refueling systems for use in an offshore environment.

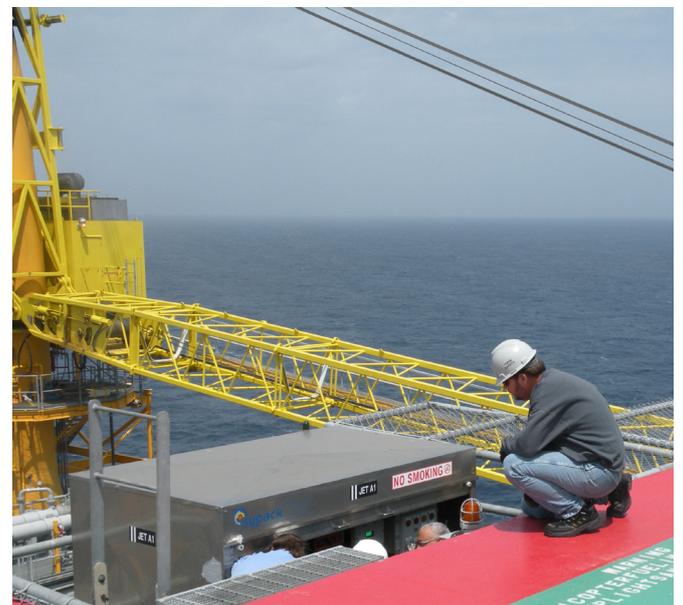


With offshore platforms and vessels being increasingly well equipped to enhance their flexibility, in combination with the trend to operate further away from shore line, the need for strategic helicopter fuel storage becomes a necessity. Whether your platform or vessel is used to increase helicopter performance by refueling during everyday supply flights or whether fuel is stored to support search and rescue missions; the ability to refuel helicopters in an offshore environment is becoming an essential accessory to allow safe offshore working environments.

“RELIABLE SOLUTIONS THROUGH INNOVATIVE ENGINEERING”

Challenging environments with high salt laden, harsh weather conditions and increasingly stringent legislation demand for high quality solutions to ensure fuel quality, reliability and lifespan of the refueling system on board. Sypack is specialized in providing engineered helicopter refueling solutions for the offshore and maritime industry.

We offer a range of products with standardized solutions to provide a customized solution according to the relevant legislation, class society and customer requirements. As an engineering company we take pride in providing 'Reliable solution through innovative engineering' and we aim to provide you with suitable, safe and high quality solutions which are customized to your needs.





Jettison platform

REFUELING SOLUTIONS

A majority of offshore operators prefer Jet fuel to be supplied using regular platform supply vessels, this requires fuel to be transported in certified transportable fuel tanks. This method of transportation minimizes the risk of fuel contamination and fuel spillage during offloading to the platform. Whilst on board the platform, the tanks will be hoisted into our systems to prevent movements and create the required earth bonding and fire protection by means of a jettison platform or deluge lines integrated into the laydown skid. Tanks can be coupled to a 100% redundant pump skid using a flexible hose in order to transfer Jet fuel toward the dispenser skid near the helideck. Fuel quantity and quality is monitored through a positive displacement flow meter and an API-certified three-stage-filter-vessel, which separates and prevents any water particles from entering the helicopter during refueling. Other safety features include a positive grounding monitor to prevent buildup of static electricity and a system shutdown in case the helicopter departs during refueling.



Walk in dispenser skid

Sypack offers a wide range of refueling solutions and features to add value and provide a safe and ergonomical working environment. Optional features include recycle systems - intended to clean fuel, sample reclaim systems - to minimize waste of jet fuel, closed circuit sampling, static storage tanks, double deck lay down skids, AFFF solutions and walk in dispenser skids - to provide a completely ergonomic working environment according to NORSOK.

As the market leader, we provide the majority of offshore helicopter refueling systems for challenging international projects being managed by the world's IOC's. Our extensive track record includes references with all of the world's relevant legislation such as CAP 437, OLF, NORSOK, NMD, ASME U-stamp, NORMAM and Brazil's NR-13 regulations. With an installed base of over 500 systems worldwide, our systems are more than field proven and our designs have been approved by all class societies, such as ABS, DNV-GL, CCS, Lloyds and RINA.



Laydown skid



Static tank



SERVICES

Sypack provides services in the field of inspection, maintenance, training, conversion, overhaul, repair, certification, re-certification, retrofit and after sales. Activities are coordinated by our experienced engineers from strategically located service centres in major international oil and gas hubs. Our international presence allows for short response times by our experienced service and commissioning engineers.

As a service provider to our extensive installed base and our competitor's systems, we have the experience and expertise to provide tailored service contracts for periodical and preventive maintenance for your helicopter refueling systems.

RENTAL UNITS

Our rental fleet includes a number of high quality, compact, air freight able, easy to install pump and dispenser skids. Available systems are fully compliant with CAP 437 and both DNV and ABS regulations. Please contact our office for availability of our rental systems.



Rental pump skid



Rental Dispenser skid

WHY HELIRFS

As an engineering company with an extensive track record, we deliver high quality systems that enhance safety and ergonomics according to any specification or requirement. We aim to advise you during early design phases in order to provide you with a practical and reliable helicopter refueling system that contributes to a safe environment and reduction of human errors. The combination of our experience, expertise and global presence make us the perfect partner for your helicopter refueling system.

