



# Fire Water Pump Systems for FPSOs – Proven Dry Mounted Solutions

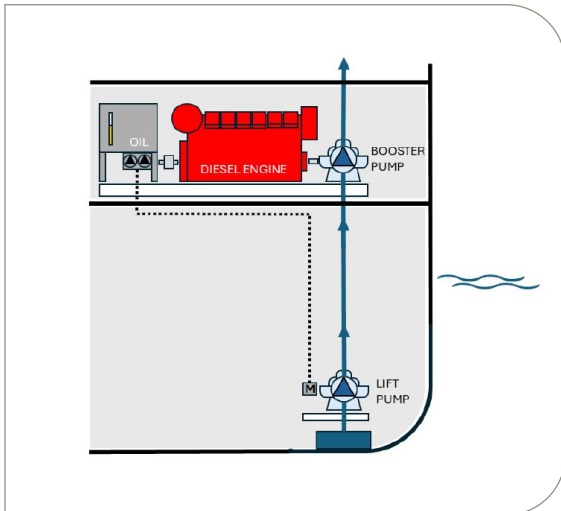
**In Offshore operations, fire safety is essential. On FPSOs, FLNGs, and other floating platforms, an immediate and reliable fire water supply is critical. Fischcon delivers fully self-contained high capacity, dry mounted fire water lift pump systems, engineered for Offshore firefighting under extreme conditions. With more than 125 installations delivered, Fischcon is a trusted partner to leading FPSO operators as well as major and national oil companies worldwide, such as: Petrobras, ExxonMobile, ENI, Shell, BP, Total, SBM, MISC, BW Offshore, Bluewater, Modec and more.**

## **Dry Mounted Fire Water Pump System - A Smarter Design**

At the heart of Fischcon's solution is the dry mounted, hydraulically driven lift pump, combined with a diesel driven booster pump.

The dry mounted hydraulic driven lift pump is installed inside the hull below water level, directly connected to a sea chest. It feeds a diesel-driven booster pump located at or below deck level.

This design allows direct access for inspection and service, removing the need for heavy lifting or caissons. Operators benefit from reduced downtime, improved safety, and lower lifecycle costs.



## Engineered for Offshore Fire Protection

Fischcon's fire water pump systems secure the fire ring main with a guaranteed supply. Each system is designed, manufactured, and tested in-house. Certification is according to the latest Marine Class Rules and Regulations such as ABS, DNV, BV, LR, RINA and more.

Reliability is built into every detail to ensure performance when it matters most.

## System Configurations

### Hydrostatic Configurations (lower capacities):

- Single hydraulic driven lift pump below waterline supplying the fire water ring main.

### Diesel-Hydraulic Configurations (higher capacities):

- Lift pump feeding a diesel driven booster pump in series.
- Capacity ranges from 1200 - 2900 m<sup>3</sup>/hr at 12 bar per unit.

### Skid-Mounted Modular Design:

- Custom-built for each vessel layout.
- Suitable for new builds, retrofits, and brownfield upgrades.

## Key Advantages Over Submerged Systems

- **Easy access** - safe maintenance without complex retrieval.
- **Space efficiency** - components housed below deck, preserving deck area.
- **Adaptability** - installation in void or ballast tanks.
- **Energy efficiency** - horizontally split case pumps with low NPSH.
- **Lower costs** - no caissons or complex offshore structures.
- **Reduced maintenance** - simplified access means less downtime.

## Why FPSO Operators Choose Fischcon

With compact dry mounted designs, custom engineering, and full-capacity witnessed testing, Fischcon offers a reliable alternative to submerged systems. Backed by lifecycle support and proven offshore performance, our fire water pump solutions safeguard FPSO operations - when every second matters.

