



DESMI Helicopter Refueling System

On-Board Helicopter Refueling / Helicopter In-Flight Refueling (HIFR)

PROVEN TECHNOLOGY

DESMI

SAFE ON BOARD HELICOPTER REFUELING

Ship-based Helicopter refueling system for navies and coastguards in a modular design in compliance with naval classification standards and NATO STANAGS.

Standard or Customised On-deck or Helicopter In-Flight Refueling

Safe Fuel operation on board your naval ship - in every naval environment.

- Maximum operation time
- Easy access for maintenance & trouble shooting
- Max uptime
- Easy handling before first flight of day



In DESMI we never compromise with quality or security, and our refueling system is no exception. This is a system you as operator can trust and rely on.

With many years of experience within the marine and navy industry, we ensure you get a system that will run for years and give you a stable fuel supply.

Our solutions are based on proven technology and can be offered both in a standard configuration, but also as a **customised** design to fit your specific requirements and your ship.

For each system counts that you have maximum operation time and easy access to maintenance.

With the easy user interface your operators can refuel, flush, defuel, etc. in just a few clicks.

The system is designed for navy standards (not for civil use) and according to military specifications.

The DES Helicopter Refueling system has easy and secure heli flight deck operation optimized for helicopter in-flight operations (HIFR).

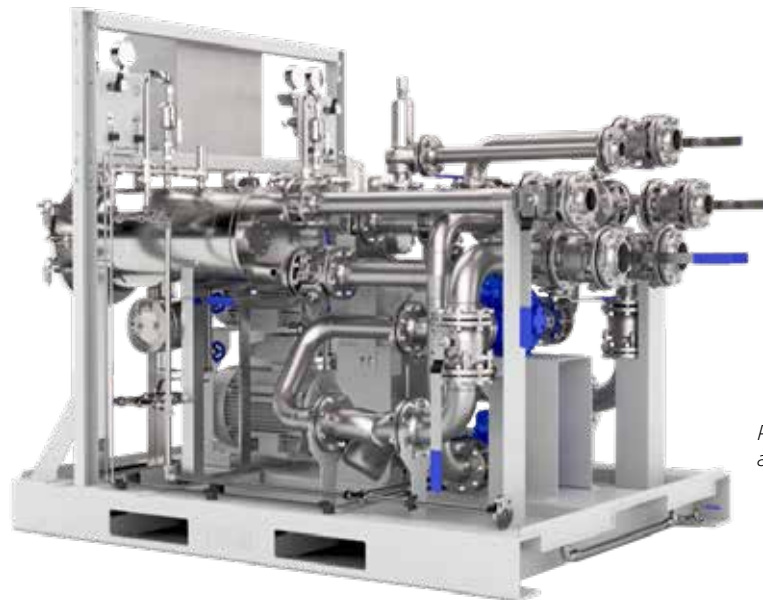
A SIZE THAT FITS YOUR SHIP

The pump and filtration system is available in 3 standard sizes, depending on your request:

- 150 - 230 l/min
- 250 - 380 l/min
- 380 - 680 l/min

We deliver with one or two filter water separators, and each system is made in a modular design with bottom plate to save weight and increase strength and prepared for HIFR and for the newest filter barrier technology.

No matter which size you choose, we make sure it fits your ship and your operation.



Pump & Filtration Skid available in 3 sizes.

Technical data - Pump & Filtration Skid				
Model	L x W x H	Capacity	HIFR	Weight
DES-150	2006 x 1190 x 1736 mm	150 - 230 l/min	Yes	1085 kg
DES-250	1956 x 1905 x 2092 mm	150 - 230 l/min	Yes	2157 kg
DES-165	2300 x 1905 x 2042 mm	250 - 380 l/min	Yes	1215 kg
DES-265	2300 x 1905 x 2042 mm	250 - 380 l/min	Yes	2455 kg
DES-180	2490 x 1785 x 2050 mm	380 - 680 l/min	Yes	2550 kg
DES-280	2490 x 1785 x 2050 mm	380 - 680 l/min	Yes	2421 kg



Dispenser Skid available
in 3 sizes:
340
350
365

Technical data - Dispenser Skid				
Model	L x W x H	Capacity	HIFR + FWB	Weight
DES-340	1500 x 1400 x 1788 mm	150 - 230 l/min	Yes	900 kg
DES-350	1600 x 1500 x 1788 mm	250 - 380 l/min	Yes	990 kg
DES-365	1750 x 1700 x 1946 mm	380 - 680 l/min	Yes	1130 kg

DESMI offers Quoting Support
for Navies, Coastguards,
Ship Designers,
Naval Consultants and Shipyards.

All the Approvals Needed - Naval Standards

Approved According to all Class Societies incl. DNV-GL, Lloyds, Bureau Veritas, etc.

The DES Helicopter Refueling System complies with naval classification standards - including NATO STANAG.

The system is designed to cope with “outside events”, meaning it is shock compatible to operate

before, during, and after a shock event.

Other class society approvals and ATEX ZONE II are available upon request.

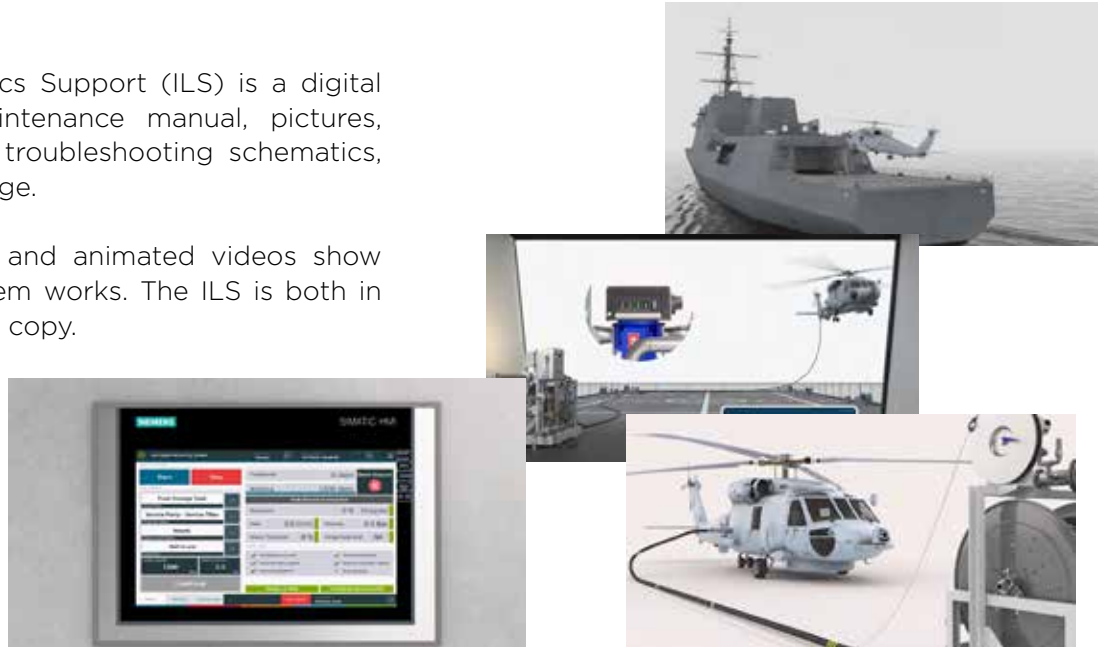
A photograph of a ship's operation room at sunset. The room is filled with various control panels, monitors, and a large window overlooking a harbor with cranes and ships. The lighting is warm and golden from the setting sun.

The DES Helicopter Refueling System can be used on board any navy ship and is fully integrated via **IMPS (Integrated Platform Management System)** so that you can monitor and control the system from the ship's operation room.

Minimize Downtime & Maximise Operational Capability

The Integrated Logistics Support (ILS) is a digital database with a maintenance manual, pictures, spare parts numbers, troubleshooting schematics, and more in one package.

In addition, technical, and animated videos show in detail how the system works. The ILS is both in digital format and hard copy.



Training

Training is essential to operate and secure a safe operation. We support you with both class room or onboard training, depending on your crew and your requirements - and we go through all automation and mechanics of the system for an easy daily operation and maintenance.



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MARINE & OFFSHORE

INDUSTRY

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