



Refueling & Transfer Systems

Complete System Provider

PROVEN TECHNOLOGY

DESMI

DESMI HELI FUEL SYSTEMS

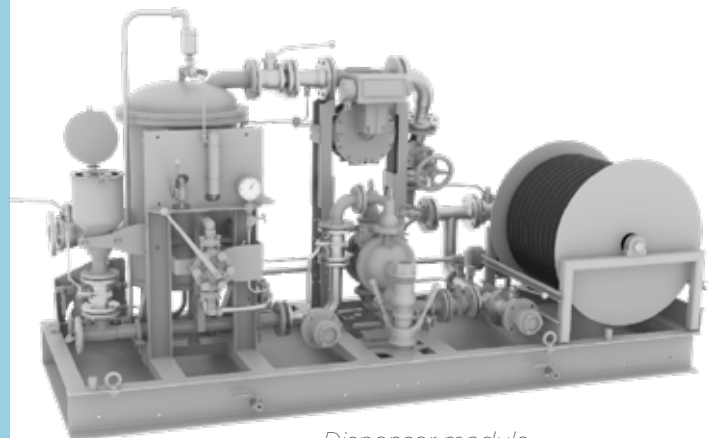
The DESMI systems are intended for use in both the military and commercial sectors. We are a preferred supplier of systems for fixed and rotary wing aircrafts as well as for ground vehicles and static equipment. Each system is specifically designed for pumping, filtering and dispensing of fuel for military and naval use.

The ship based helicopter refueling system is used for pressure and gravity fueling of aircrafts on board Naval Vessels, and the system is also fitted with a facility to defuel the aircrafts.

The refueling system comprises a pump filter module, dispenser module, and a control system.

The dispenser module consists of a mechanical meter, defuel pump, hose, hose reel, pressure refueling nozzle and gravity refueling nozzle and optional a filter water absorber.

A Helicopter In-Flight Refueling (HIFR) unit can be connected to the pressure refueling nozzle hose or a deck mounted connection on the flight deck.



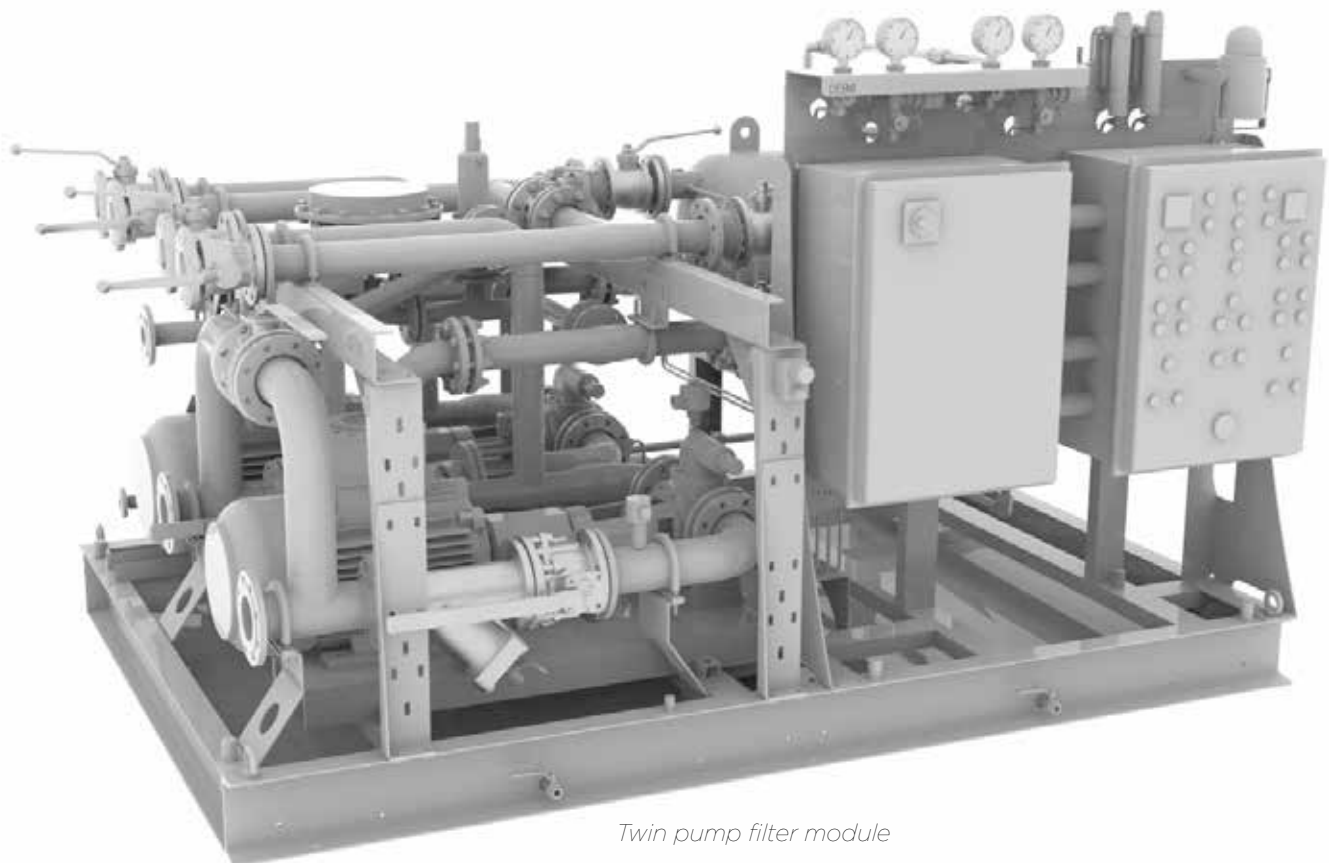
Dispenser module

DESMI offers proven equipment with reliability and versatility as key functions

The pump filter module consists of filter water separators and DESMI ROTAN® positive displacement fuel pumps.

All DESMI aviation fuel system will be adapted to specific customer needs to ensure that the best possible option is selected for the job.

The twin pump refueling system has built-in redundancy for maximum reliability. The service and transfer pumps and filter water separator duties are fully interchangeable by use of valves.



Twin pump filter module

Technical data - Single pump system and Twin pump system - Standard Specifications			
Media:	Aviation fuel	Capacity Defueling:	160 l/m
Capacity Fueling/Transfer:	340 or 680 l/m	Operating Temp:	-20°C - +40°C
Working Pressure:	Approx. 8,5 bar	Materials:	Pipes & valves, stainless steel

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