

DIESELswitch

FUEL CHANGE-OVER UNIT

- Automatic and controlled change-over from HFO to MDO/MGO and vice versa
- Minimized risk of damages due to abrupt temperature changes
- Change-over running at full load possible
- Easy to install on newbuilds and existing vessels

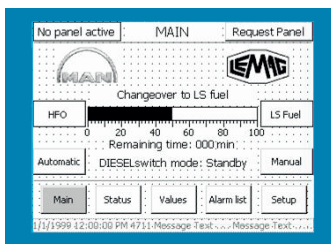


For a safe and automatic switch from HFO to MDO/MGO and vice versa

The new **DIESELswitch** is designed to carry out the change-over process between heavy fuel oil and low sulphur fuel automatically and safely.

The **DIESELswitch** also enables the operator to switch fuels running at full load, as sensors will detect if the fuel temperature changes too rapidly. The system will then freeze the position to protect the engine's fuel injection system from a thermal shock and generate an alarm. For safety the fuel change-over process can also be stopped manually.

The system is simple to use. All the user has to do is



1. Choose time frame for change over
2. Choose fuel change over direction:
HFO to MDO/MGO or MDO/MGO to HFO
3. Start the process!

Patent held by MAN DIESEL

The **DIESELswitch S** consists of the following parts for easy installation on newbuilds:

- Safety change over valve
with magnetic coupling to prevent leakages
- Static mixing tube
- Electronic cabinet with advanced software

For retrofit solutions the **DIESELswitch 1** is delivered on a foundation containing all system components, pipes and internal cabling.

If the difference in supply pressure of both fuels is too large it will also be necessary to install the **DIESELswitch 2**, which consists of a complete pump module to adjust the pressures accordingly.

A tamper-proof data logger can be connected to prove that the correct fuel was used in regulated areas. It is also possible to integrate a flow and density meter to calculate total fuel consumption.

Subject to change without notice