



SHIPS DOCTOR EUROPE

SHIPWRIGHTS & MARINE ENGINEERS

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Vessel Re-Powers

It's not unusual for an owner to want to re-power his boat. It can simply mean that the engine/s be exchanged for a like type of same or greater horsepower.

However, the usual definition of a "Re-Power" is to convert a petrol/gas powered vessel, to the much more economical Diesel Engine equivalent. Such a job is straightforward, but requires careful consideration regarding physical size, horsepower and make of the proposed replacement engine/s, and the total financial cost of the installation. Another consideration is the type and ratio of the new transmission, the shafting, and propeller size and pitch.

Much of the existing installation cannot be reused, or will need modification. One such item is the fuel tank, it can be reused if in good condition, but will certainly need cleaning and subsequent modification. Petrol/gas pre-filters or similar cannot be used for diesel fuel, thus will need to be replaced. These are but a few of the issues that need to be addressed.

A successful economical "transplant" can be easily achieved, but lack of knowledge is a certain recipe for failure. To avoid such problems, we strongly recommend the use of our **Advisory Service**, or alternatively, we can do the job for you in total, including a sea trial on completion.