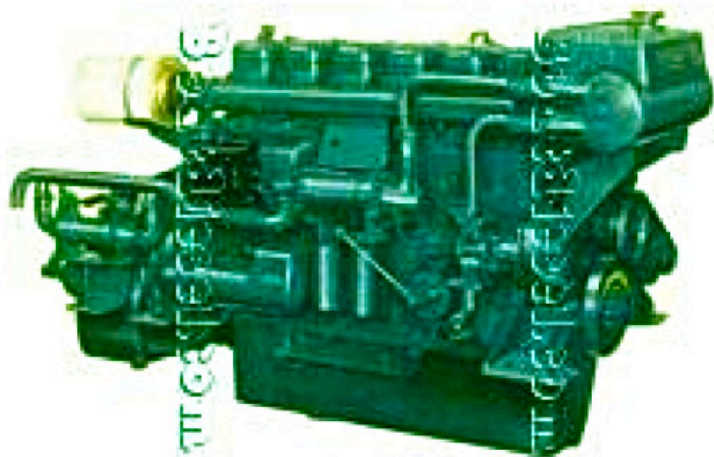


La Bohème Power: Engine & Electrical

1. Motor (Images 1 – 4)

The ship is powered by a 190HP Volvo Penta MD 100B six-cylinder diesel engine. It was purchased as a factory-reconditioned engine and installed in 2005. Diesel is stored in two 700 litre tanks, with inspection hatches - recently fully cleaned. The drive is through a two-blade variable pitch propeller, with reverse wheel on deck. The engine also drives a powerful pump used for the engine-room bilge and fire fighting.

1. Volvo Penta MD 100B engine



2. The drive chain



3. Factory reconditioned engine being installed in 2005. It is only used in port manoeuvres for a few weeks each year.
4. Annual maintenance. Engine lies beneath a movable floor. Fuel tanks (total 1,400 L) are located on either side



2. Electrical (Images 5 & 6)

The vessel has 220v shore power and 24v ship's power. There are five 140 Ah heavy duty closed cell batteries. Batteries are charged (engine or shore) with a smart charger. House light switches are in every cabin and enclosed space. The electrical controls are located in the engine room. The navigation lights - stern, port and starboard - are electric.

5. Electrical room above the engine bay. Currently only used to store two fire hoses (shown)

6. Part of the electrical management system.

