

KELVIN DIESELS



Expertise in Marine Power

Reliability in Marine Power



Excellent in operation, the proven reliability of a Kubota propulsion system.

In 1965 the first **BERGQUIST** Kubota engine was installed in a twenty-three foot launch and since that time **Kubota Diesel**, has been deeply involved in the design and manufacture of a wide range of purpose-built diesel engines and associated marine equipment.

Kubota marine propulsion systems and generating set packages have been operating for a combined total over three million hours covering the full range of commercial workboat applications.

The Kubota product is renowned for quality, reliability, efficiency, ease of maintenance and fuel economy thus establishing an enviable reputation in the marine-recreational field.

Reliability has been proven over millions of successful operating hours. All of these qualities are enhanced through continuing innovation.

Special engine cover showing the propeller shaft in Kubota V-type engine.



Engineering and customer requirements for complete machinery powered through the use of CAT.



Kalbe's extensive knowledge and experience in design supply started by the use of plan of the air design and manufacturing tools, thus ensuring that the Kalbe products meet the requirements of our customers and distribution outlets.

Kalbe construction together with high reliability, ensure a long and healthy life in the most extreme of commercial environments.

Kalbe engines are designed for ease of maintenance and part replacement with our features are:

- Individual cylinder heads can be removed without disturbing other components.
- Water cooled manifold.
- Oil tray and sump with oil can be replaced by removal of individual cylinder heads.
- Complete access to the interior of the engine through crankcase doors.
- Individual cylinder liners.



Mount their special CAT take manufacturing high speed engine components.

High technical expertise for the manufacture of connecting rods.

Kalbe manufactures and supplies a range of marine gas/diesel and dual engine, ranging in power output from 100-hp to 1100 hp or up to 1200 rpm. The Kalbe marine diesel engines designed with these major factors in mind, reliability, overall maintenance and fuel economy.

Each engine, from the cylinder to the cylinder head, is built by craftsmen using parts designed solely to meet the growing requirements of the marine industry.

Minimal maintenance is required to ensure satisfactory running.

The modern machinery used enables wide operating speed ranges combined with good fuel consumption, plus the Kalbe engine being the ideal choice for commercial operations.



Product Support Services

All Kubota spare parts are manufactured to the highest quality standards. Each component must pass stringent testing before being certified as a genuine Kubota spare part.

Comprehensive records are maintained for all engines and generators supplied, so that repairs for parts are for exactly identical against original engine and generator equipment specifications. The same exact maintenance records for each equipment for their requirements. Experienced engineers are also available to advise complex technical queries.

Spare parts are packed either for immediate use, if required by the customer, or specially packed for long term or tropical storage.

The maintenance of the Series D2000 engines that driving tomorrow and beyond demands one think with quality, thus ensuring that spare parts from maintenance throughout the world with a minimum delay.



Kubota field service engineering support is available in the form of Kubota engines, generators and associated equipment supplied in portable packages, world wide.

With a team of experienced engineers, Kubota will do the customer's requirements under any working conditions and circumstances through its entire maintenance network.

Engineers are also available to assist customers with the training of their own personnel.

Spares and service engineers can be made Kubota available temporarily located around the world, either to the Kubota Spares and Service Department in Chicago.

Kubota diesel engines are used in power lifting vessels and workboats throughout the world, additionally forgers, rigs, cranes, ferries, trawlers.



Kubota D2000





and inland ferries provide some examples of the range of commercial vessels using Kvaernerpropuls.

Algeria's Agadir ferry ships are typically fitted with proven Kvaerner 190CE propulsion systems chosen for reliability and fuel economy.



Eight of special Swedish design multi-processors feeding a main shaft on the Kvaerner 190CE, developing 50,000 or 1,000 rpm were chosen as the main propulsion unit.

For bulk of selection of proven Kvaernerpropuls parts.



Global Connections



Two boats operating off
Korea are powered by Isotta
engines.



A small, power-fishing vessel powered
by a 160-hp Isotta (Isotta) 4470hp
at 1,000 rpm.



High-horsepower use of Isotta fuel
in tug which operates between
Hong Kong and mainland China.
The vessel is powered by a
160-hp Isotta engine, 4470hp at
1,000 rpm.



One of a fleet of boats operating in the south of Scotland powered by twin Kubota D602 engines. Each engine developing 120 hp at 1,800 rpm.

Off fishing vessel built in Hong Kong powered by Kubota D602 engines. 200 hp at 1,800 rpm. This vessel has operated successfully in both America and Japan, and is currently under the test.



Two fishing vessels operating in Japan waters and around the Maldives Islands are typically 2000 hp in total and are powered by a Kubota K601 T range engine.



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