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Hong Leong Building, #38-01 to 05 #37-02A  
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# Posidonia 2010

## 7-11 June 2010



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# EXHIBITORS

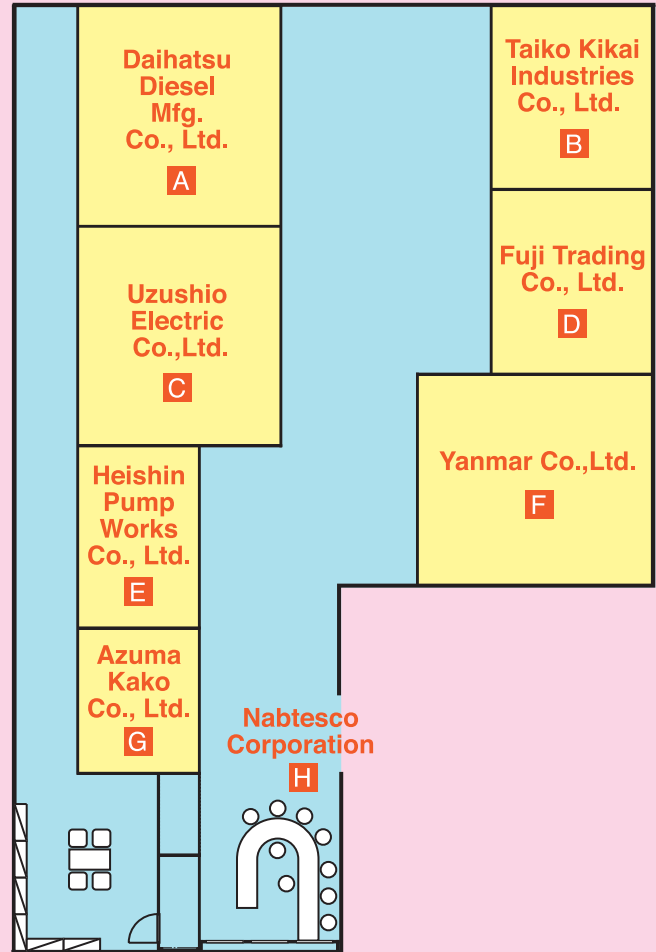
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# JSMEA

Japan Marine Equipment Association

Stand No.102





## ● Outline of Company

Azuma Kako., Ltd. (Japan) was established on 1935 in Tokyo/Japan as specialist for engine components welding repair. AZUMA is renowned for helping ocean-farer vessels to recondition and repair damaged engine components. This Japanese company soon expanded its network and marks the start of it's workshops in Taiwan and Singapore.

Azuma Engineering (S) Pte Ltd is a subsidiary of Azuma Kako., Ltd. (Japan). It was incorporated on 19 February 1990 and was built mainly for reconditioning of diesel engine components.

The company is committed to achieve professional excellence in fulfilling customers' satisfaction and expectations. It aims to carry out the responsibilities and obligations thru fast and prompt response and give customers fresh information and techniques as approved by engine makers.

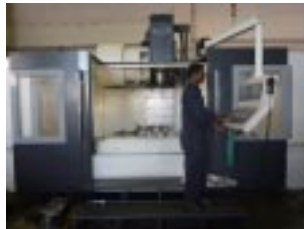
## ● Authorized Repairer of

**Piston Crown**  
**Cylinder Cover**  
**Exhaust Valve Spindle / Seat**  
**Exhaust Valve Housings**  
**Piston Skirt**  
**Fuel Injection Parts**

## ● Developments and Innovations



CNC Machine  
(Max Swing 2.7 M)



High Torque CNC  
Cutting Machine Center

## ● Head Office

**AZUMA KAKO ., LTD Tokyo - Japan (Head Office)**

Tel:+81 3 3765 4811

E-mail: azumatokyo@azu-net.co.jp

## SINGAPORE

### AZUMA ENGINEERING (S) PTE LTD

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E-mail: sales@azuma.com.sg

### AZUMA SPINDLE FUEL EQUIPMENT (S) PTE LTD

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Tel:+65 6262 2324

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## TAIWAN

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E-mail: terrychang@azumatwn.com.tw

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### Theo-Man Ltd.

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E-mail:sales@theoman.gr; theoman@hol.gr

### Seatechnic Hellas Ltd

Tel:+30 210 42 20 085

E-mail:sthc20000@otenet.gr

## ● Authorized by:

- Mitsubishi Heavy Industries (Japan) -since 1997
- Akasaka Diesel (Japan) -since 1999
- Hanshin Diesel (Japan) -since 2003
- Kawasaki Heavy Industries (Japan) -since 2004
- Mitsui Engineering & Ship Building Co. Ltd -since 2008
- Kobe Diesel -since 2009
- Hitachi Zosen Trading & Manufacturing - since 2009

## ● Certified By:

Our reconditioning techniques and welding procedures for piston crowns, cylinder covers, and related parts are approved and certified by the following Classification Societies:

- Lloyd's Register of Shipping -since 15 May 1991
- American Bureau of Shipping -since 17 October 1991
- Nippon Kaiji Kyokai -since 1 September 1992
- Det Norske Veritas -since 5 September 1992
- Bureau Veritas -since 3 Novemebr 1992
- Germanischer Lloyd -since 5 October 2005

### ● Outline of Company

Since its establishment in 1907, Daihatsu Diesel Mfg. Co., Ltd. has pioneered the ages and has maintained a first rate position in the Diesel engine business. Our Diesel engines in the 50 to 7000kW range has been very popular in both the overseas and home markets, confirming Daihatsu Diesel as the leading company in this field. We believe our reputation is the result of our dedicated and consistent efforts to provide reliable products, and that it is our duty as an enterprise to uphold the Daihatsu principles and corporate attitude. Our constant efforts to achieve the highest quality can be seen in the industry-leading quality assurance systems of Daihatsu Diesel's Headquarter and Moriama Plants, which has been certified by Lloyd's Register Quality Assurance Ltd. as satisfying the requirements of ISO9001.

Daihatsu Diesel, targeting the global market, will continue fostering a progressive business culture. Furthermore, we are fully determined to fulfill the trust and expectations of our valued customers, and to contribute to the society through technological innovations with emphasis on environmental consciousness and quality.

### ● Main Products

Marine Propulsion and Auxiliary Diesel Engines

### ● Tokyo Office

16-11, Nihonbashi 1-chome, Chuo-ku,  
Tokyo 103-0027, Japan  
Tel: +81-3-3279-0827 Fax: +81-3-3245-0395  
<http://www.dhtd.co.jp>

### ● Liaison Offices

• Daihatsu Diesel (Europe) Limited  
5th Floor, Devon House, 58-60 St. Katharine's Way,  
London E1W 1LB, U.K.  
Tel: +44-20-7977-0280 Fax: +44-20-7702-4325  
E-mail: [daihatsu@ddeuk.com](mailto:daihatsu@ddeuk.com)

### Features of New Model Engine

Developed as a large DC series engine, the DC-32 is reliable and strong, incorporating experiences gained in developing the DK engine, and is based on the DC series development concept.

The compression ratio is the highest of any engine in this class, and the piston combustion chamber is shaped optimally for heavy fuel oil combustion, using a highly efficient supercharger. These features ensure stable low-load combustion of heavy fuel oil.

Incorporating an optimal intake port shape, a fuel

injection pump with high injection pressure, and a noncooled fuel nozzle, Daihatsu has achieved low fuel consumption by matching these features to the most suitable conditions. The DC-32 meets increasingly strict environmental regulations by using a shape enabling clean combustion based on an analysis of the combustion chamber.

Taking into operability in projected maintenance, this engine enables the power unit — cylinder head, cylinder liner, piston, and connecting rod — to be opened from the engine by one operation.

### Electronic Engine Control

To make engine handling easier and reduce exhaust emission performance, Daihatsu introduces control devices such as electronic monitoring in the engine, an electronic governor, and electronic fuel oil injection device.

### Low Marine Auxiliary Engine Load

Using 2 fresh-water cooling systems — a cooler and a jacket for engine cooling — Daihatsu has kept jacket cooling water at a constant high temperature. For the air cooler, Daihatsu uses 2-stage cooling in which high-temperature jacket-cooling fresh water and low-temperature fresh water of the cooler system flow. Air is heated automatically to ensure stable heavy oil combustion at a low load.

### Reliability, Durability, and Component Function

Daihatsu has reviewed the cooling water system, channel configuration, and engine lubrication, and have arranged the pump, cooler, and other auxiliary machinery in front of the engine to guard against component malfunction. The DC-32 is simple and excellent in handling thanks to the significantly reduced number of piping and components. Advanced structural analysis has been introduced via new software for major operating sections and components. Daihatsu plans to confirm quality through continuous engine endurance operation.





## ● Outline of Company

Fuji Trading Co., Ltd. was established as a marine supplier in 1953 in Kobe, Japan. Over 55 years since then, the company has expanded and diversified into a supplier of technology, offshore drilling equipment and machinery as well as a developer of new markets and business opportunities.

Our job is to make procurement, transportation, and customs clearance of the required goods for our customers who travel around a unique market of "Marine" on a global scale by ship. We supply their requirements safely and accurately at main ports in the world within a limited time.

Through the above business, we contribute to the world trade by supporting smooth and economical ship's operation. In order to execute our task, we give the highest priority to the partnership with our customers, business acquaintances and makers. We are now upgrading and integrating our three functions, that is; information, procurement and physical distribution.

We have been rendering quality services of ship's stores, provisions, machinery, spare parts, engineering and so on. With the international network through the main depots and offices at Kobe, Yokohama, Tokyo, Rotterdam, London, Dubai, Singapore, Hong Kong, Shanghai, Pusan, and Baltimore, we are ready to provide the professional services at any time and place.

**URL:** <http://www.fujitrading.co.jp/>

## TAKASHINA LIFE PRESERVERS CO., LTD.

Takashina Life Preservers Co., Ltd. was established in 1935 in Osaka, Japan. We manufacture products to protect our water environment & safety of those who work or recreate on water. Key products include life jackets, life buoys, immersion suits, dry suits, foul weather gear, and other marine accessories. It is our goal to satisfy our customers with a blend of quality, performance, and cost.

**URL:** <http://www.jsmea.or.jp/kaiin/takashina/>

## ● Offices in Japan

- **Kobe Office**  
Tel: +81-78-413-2601 Fax: +81-78-413-1386  
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- **Yokohama Office**  
Tel: +81-45-622-5661 Fax: +81-45-629-1007  
e-mail: [supplyyh@fujitrading.co.jp](mailto:supplyyh@fujitrading.co.jp)
- **Tokyo Office**  
Tel: +81-3-5783-7390 Fax: +81-3-3450-7100  
e-mail: [tokyo@fujitrading.co.jp](mailto:tokyo@fujitrading.co.jp)

## ● Group Companies in Japan

- **Fuji Transport Systems Co., Ltd.**  
Tel: +81-78-411-2633 Fax: +81-78-411-3178  
e-mail: [fttr@fujitransport.co.jp](mailto:fttr@fujitransport.co.jp)
- **Yokohama Tsusho Co., Ltd.**  
Tel: +81-45-621-8588 Fax: +81-45-621-8662  
e-mail: [info@yokotsu.co.jp](mailto:info@yokotsu.co.jp)

## ● Overseas Group Companies

- **Europe**  
**Fuji Trading (Marine) B.V., Rotterdam**  
Tel: +31-10-429-8833 Fax: +31-10-429-5227  
e-mail: [info@fujitrading.nl](mailto:info@fujitrading.nl)  
**Fuji Trading London Office**  
Tel: +44-20-7236-0507 Fax: +44-20-7236-0521  
e-mail: [mail@fujitrading.co.uk](mailto:mail@fujitrading.co.uk)
- **Middle East**  
**Middle East-Fuji (L.L.C.)**  
Tel: +971-4-347-4444 Fax: +971-4-347-2771  
e-mail: [info@mef.ae](mailto:info@mef.ae)
- **Asia**  
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Tel: +65-6264-1755 Fax: +65-6265-0443  
e-mail: [info@fujifts.com](mailto:info@fujifts.com)  
**Fuji Trading (Marine) Co., Ltd., Hong Kong**  
Tel: +852-2529-9177 Fax: +852-2865-6175  
e-mail: [info@fujitradinghk.com](mailto:info@fujitradinghk.com)  
**Hanil-Fuji (Korea) Co., Ltd.**  
Tel: +82-51-712-8300, 8400 Fax: +82-51-631-7735  
e-mail: [shipstore@hanilss.com](mailto:shipstore@hanilss.com) / [spare@hanilss.com](mailto:spare@hanilss.com)  
**Fuji Trading (Shanghai) Co., Ltd.**  
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e-mail: [ftzstores@fujitrading.net](mailto:ftzstores@fujitrading.net) / [ftzrepair@fujitrading.net](mailto:ftzrepair@fujitrading.net)
- **U.S.A.**  
**Fuji Trading (America) Inc.**  
Tel: +1-410-238-7985 Fax: +1-410-238-7989  
e-mail: [sales@fujitrading.us](mailto:sales@fujitrading.us)

## ● Exhibits

1. **Information related soft and hardware**
2. **Procurement related soft and hardware**
3. **Distribution related soft and hardware**

With the above three main themes, we have exhibited what Fuji can provide for our customers now.

- Global Technical Network Service
- "FINE (Fuji Information Net) system - 24-hour information service of your spare parts status
- IMPA Marine Stores Guide
- Immersion Suit, Fire Fighting Suit, Life Jacket of Takashina Life Preservers make as safety package
- FN Tapes
- Introduction of Teikoku Pump

● **Outline of Company**

Heishin Pump Works Co., Ltd., is the oldest Japanese manufacturer of various kind of marine pumps, and Bilge Separator.

We have a firm policy that we should provide products which contribute to the protection of world ecology, for example the Bilge Separator.

● **Main Products**

Centrifugal pump  
Gear pump  
Piston pump  
Screw pump  
15ppm Bilge Separator (Oily Water Separator)  
ODM (Oil Discharge Monitoring Control System)

● **Head Office**

1-5-30, Furuta, Harima-cho, Kako-gun, Hyogo Pref.,  
675-0146 Japan  
Tel : +81-79-436-3001  
Fax : +81-79-436-3015  
E-mail : kaigai@hsn-kikai.com

● **Exhibits**

15ppm Bilge Separator / HFM type

● **Features**

- Easy Maintenance / Easy Cleaning
- Easy Installation & Piping
- World Smallest size

● **Process**

- First stage : Multi-parallel plate
- Second stage : Emulsion breaker
- Third stage : Coalescer
- Fourth stage : Fine coalescer

● **Approved by**

- JG/MED/USCG



NABTESCO Corporation has been the world's leading manufacturer of motion control systems for Air, Land and Marine field applications.

NABTESCO Corporation has played a leading role in the total control system in marine field, especially M-800 series main engine remote control system and MG-800 digital governor system has enjoyed a good reputation among customers the world over.

## ● Main Products

- Main Engine (diesel or turbine) remote control system
- CPP, Side thruster, Steerable thruster and Water-jet remote control system
- Digital governor system
- Engine telegraph system and Telegraph logger, Revolution indicating system
- Main engine monitoring system

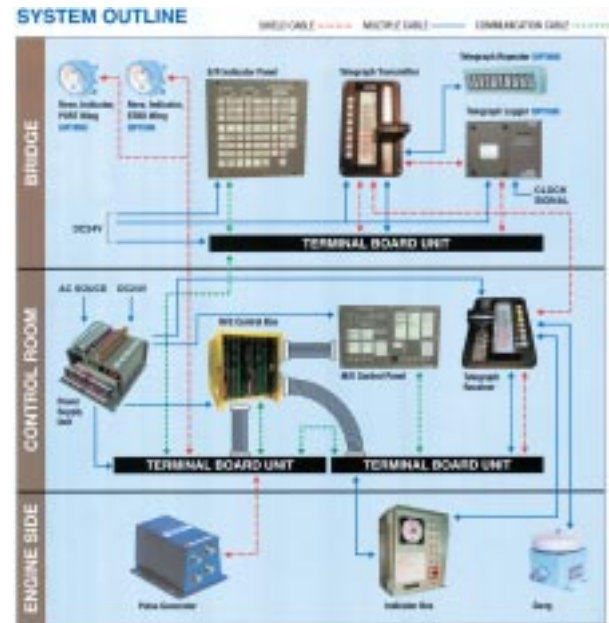
## ● Head Office

Kokusai Hamamatsucho Building, 9-18, Kaigan 1-chome, Minato-ku, Tokyo 105-0022, Japan  
 Tel: +81-3-5470-2413 Fax: +81-3-5470-2417  
 E-mail: marine-overseas@nabtesco.com

## ● Legitimate Companies

- NABMIC B.V.  
 Tel: +31-180-530-590 Fax: +31-180-530-591  
 E-mail: nabmic@nabmic.nl
- NABTESCO Marine Service Singapore Pte. Ltd.  
 Tel: +65-6225-6559 Fax: +65-6225-7393
- NABTESCO Marinotec Co., Ltd.  
 Tel: +82-51-464-9380 Fax: +82-51-464-8250
- NABTESCO Marine Control Systems (Shanghai) Co., Ltd.  
 Tel: +86-21-5852-0363 Fax: +86-21-5852-0348

## M-800-III Series Bridge Maneuvering system



## ● Features

- Highly visible and functional arrangement of indicator lamps and switches for easy and accurate operation
- Flexible pattern of indicator and alarm by microcomputer
- Data communication with easy expansion by LAN based on CAN
- Output signal for Voyage Data Recorder as standard
- Shorten wiring time by flat cables
- Less wiring due to serial communication  
 Even one line has a trouble, communication is possible by using remained two lines

## ● Panel Exhibits

Introduction of following items:

- M-800-III Series Bridge Maneuvering System & MG-800 Digital Governor System
- Worldwide network services

● **Outline of company**

TAIKO, as a general manufacture of pumps and environment equipments, has produced various kinds of marine pumps, bilge separator, sewage treatment device and the cargo pump system for tankers. We continue to contribute the modernization of marine industry under motto of "Clean the sea and friendly to the earth".

● **Main products**

- Gear pump
- Screw pump
- Centrifugal pump
- Sewage Treatment Device
- Oily Water Separator
- Piston pump
- Rotary blower
- Vacuum pump

● **Head office**

Oversea Business Sect.  
 209-1 Shimotabuse, Tabuse-cho, Kumage-gun,  
 Yamaguchi 742-1598, JAPAN  
 Tel:81-820-52-3113 Fax: 81-820-53-1001  
 E-mail: business@taiko-kk.com

● **Exhibits**

Three Screw Pump: MSD series (New)  
 MSD series are newly introduced E-motor driver low pressure three screw pumps with our latest design in order to handle low viscous fuel oil. MSD is applied for F.O. pump and L.O. pump for M/E, A/E, G/E.

● **Features**

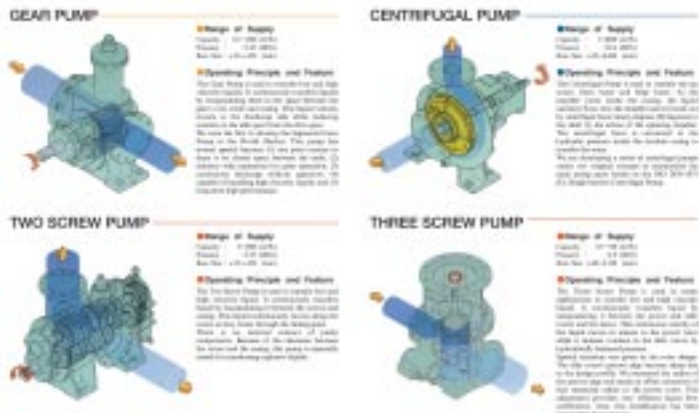
E/R Centrifugal Pump: TAIKO has amassed a vast reservoir of technical know-how and expertise.

E/R Gear Pump: The gear is characterized by its innovative one-point continuous contact, introduced to the market by Japan for the first time.

E/R Screw pump: The acquisition of new knowledge and new technology has enable TAIKO to develop a series of Screw Pumps consisting of one-rotor, two-rotor, and three-rotor.

● **Agent in Europe**

- FUJI TRADING (MARINE) B.V.  
 POST BOX 2498, 3000 CL Rotterdam,  
 Sluysjesdijk 109, 3087 AE Rotterdam,  
 THE NETHER LANDS  
 Tel: 010-429 88 33 Fax: 010-429 52 27
- NIPPON DIESEL SERVICE GMBH  
 Hermann-Blohm-Str. 1  
 D-20457 Hamburg GERMANY  
 Tel: +49-40317710 Fax: +49-40311598
- UNIVERSAL MARINE SUPPLIES LTD.  
 10 Skouze & Filonos Str. Piraeus GREECE  
 Tel: +30-2104287740 Fax: +30-2104287744





**● Outline of Company**

Since established in 1946, BEMAC-Uzushio Electric has offered products, technology and services for many kinds of vessels. We offer Alarm Monitoring Systems, Switchboards, Power Management Systems, Electrical Equipment Construction and Design etc.

We at BEMAC-Uzushio have worked hard to provide our customer with Products and Services that meet our own strict quality and environment standards.

Now our quality & environment control has passed a tough international inspection and has received ISO9001, ISO14001 and OHSAS18001 certification.

**● Main Products**

Manufacturing

- Display Technologies
  - Power-distribution Technologies
  - Communications Technologies
  - Integrated Automation System Technologies
- Electric Engineering
- Electrical Outfitting works for ships Merchandise
  - Electrical cable for ships
  - Radio / radar for ships
  - Power generators for ships

**● Main Office**

1520 Kuo, Onishi-cho, Imabari-city, Ehime Pref.  
799-2294, Japan  
Tel: +81 898 53 6361  
Fax: +81 898 53 2266  
E-mail: [info@bemac-uzushio.com](mailto:info@bemac-uzushio.com)  
WEB: [www.bemac-uzushio.com](http://www.bemac-uzushio.com)

**● Exhibits**

Alarm and Monitoring System Complying with FBB

**● Liaison Office and/Or agent**

Regal Mare Inc  
1, Kanari Str. & 79, Akti Miaouli 185 37 Piraeus, Greece  
Tel: +30 210 42 83 500  
Fax: +30 210 42 83 580

AC Tech Ltd  
73 Etolikou Str, 185 45 Piraeus-Greece  
Tel: +30 210 46 30 825  
Fax: +30 210 46 30 725



**● Outline of Company**

Yanmar, ever since its foundation, has been developing versatile energy and labor-saving diesel engines with output ranging from 2kW to 3,500kW through its unique diesel technologies, contributing to the community through energy conservation.

Our ceaseless efforts to produce ever higher quality products were rewarded with ISO9001 certification by Lloyds (LRQA) of Britain for the Amagasaki Plant of the Large Power Products Operations Division in July 1992, confirming international recognition for the excellent quality assurance system of the plant. The Large Power Products Operations Division of Yanmar has been a pioneer in tackling environmental problems and in June, 1997, the Amagasaki Plant became the first large industrial and marine diesel engine plant in Japan to be certified under ISO14001. The marine diesel engines produced by the Amagasaki Plant were also the first in Japan to clear the emission (NOx) control regulations of the IMO. The far-sighted efforts and excellent technologies of the Large Power Products Operations Division protect our environment and are highly evaluated in the world.

The Amagasaki Plant of Yanmar aims to ensure beautiful harmony with the global environment and to contribute widely throughout industry and society to create a better future for all.

**● Head Office**

• 1-32, Chayamachi, Kita-ku, Osaka, Japan.

• Export Dept. Large Power Products Operations Division  
1-1, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028, Japan.  
Tel: +81-3-3275-4909  
Fax: +81-3-3275-4969  
<http://www.yanmar.co.jp>

**● Overseas Subsidiary**

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Brugplein 11, 1332 BS Almere-de Vaart, The Netherlands  
Tel: +31-36-5493200  
Fax: +31-36-5493209  
<http://www.yanmar.nl>

**● Main Products**

Marine propulsion and auxiliary diesel engines

**● Exhibits**

Marine auxiliary diesel engine, 6EY22(A)LW Cut Model



*Model 6EY22(A)LW*

**● Features 6EY22(A)LW:**

1. It is based on the two core concepts of raising Life Cycle Value and Harmony with global environment.
2. Contamination of combustion chamber with the use of heavy fuel oil is controlled by "contamination control technology" and "equipment of contamination resisting application".
3. Compact design allows simplicity in the engine room layout.
4. The number of parts has been reduced, further increasing ease of maintenance.
5. With concentration of the pipe connections at the front of the engine, piping construction man-hour are reduced.
6. Low fuel consumption and correspondence to IMO Tier II were achieved at the same time by adopting the high pressure miller cycle system.