BENGI BV

Marine Engine Repair and Trading

Bengi

A Dutch company located within the Europoort harbor area close to the port of Rotterdam. Established in 1995 and internationally recognized by ship owners and -managers for its fine workmanship and no-nonsense mindset and approach.

Throughout the world our maintenance and repair services, as well as spare part deliveries, are being used by all kind of shipping companies as well as by shore-based power plants. And we are proud to be recognized by our clients for our extensive and specialized expertise and experience when it comes to maintenance of and repairs to marine main- and auxiliary engines.

Besides our repair and maintenance services, we also offer specialist repairs of electrical equipment as well as delivery of electrical spare parts. We also refurbish and overhaul all kind of fuel equipment that is used in 2- and 4-stroke engines fuel systems, utilizing state-of-the-art test equipment.

Finally, we have a large range of new, original spare parts and high-quality OEM parts for
Wartsila L20, L26, L32, 38A/B
MaK M20, M25, M32
Hanshin LH28, LH31, LH41, LH46, EL44, LF58

For fast and secure delivery, we keep several of these engines in stock!

Bengi also is official European dealer for The Hanshin Diesel Works Ltd. And we take great pride in the recent, formal extension of our representation agreement with The Hanshin Diesel Works Ltd. This enables us to offer our customers our professional support and technical expertise for the years to come. As before: Accurate and fast, with utmost care and always in the best interest of you, our much appreciated client!

Wartsila 9L32: Replacement of Cylinder block and Crankshaft from stock

Bengi means:

- High quality mechanical-, electrical- and fuel-system repairs.
- 24/7 Service and deliveries. Worldwide!
- No nonsense mindset.
- Well-equipped workshop with full repair facilities.
- Located in the Europoort area.

Our workshops

Well-equipped for high quality repairs

In our 1200 square meter workshop, that is well equipped with all the necessary tools and machinery to recondition, overhaul and repair any component of a main- or auxiliary marine engine. Our mechanical workshop accommodates two overhead cranes with 10 tons lifting capacity each.

And recently we established a workshop, dedicated to electrical repairs and testing and calibrating of electrical components. Our workshops are equipped to carry out following works:

- Reconditioning and honing of cylinder liners with diameters of 100 mm till 1000 mm.
- Ultra-sonic cleaning of parts weighing up to 10,000 kg.
- Reconditioning of all kinds of connecting rods.
- Overhaul of air- and oil coolers.
- Reconditioning of fuel equipment for 2- and 4-stroke engines.
- Reconditioning of all kinds of crankshafts and camshafts.
- Testing, calibration and modification of diesel engine- and control instruments.
- Maintenance and repair services to marine offshore and power plants.

Engine **repairs**

Bengi service engineers operate worldwide when not working in the Spijkenisse workshop. And they conduct all kind of repairs. On board of all kind of ships.

We conduct small and large repairs. We fix electrical problems and replace crankshafts, cylinder blocks or even complete engines. We test, check and overhaul fuel system components. We replace worn down parts. Preferably just before they break down. And we perform in situ machining of various components. In short: we do whatever needs to be done to keep downtime to our customers to the absolute minimum. At very competitive cost.

And to us it doesn't matter what size of vessel we work on. We maintain and repair engines on board of short sea vessels and on board of container carriers. On board of tankers and on board of cruise ships. Fishing boats and dredgers. Off-shore installations and power plants. We can handle anything with a marine combustion engine. Over the past 20 years though we have specialized in Wartsila and Hanshin. And apart from our specialism we work other brands like MaK, Deutz, MAN and others. We support our field engineers with a huge stock of more than 63,900 spare parts; usually we don't need to wait for parts to arrive.

Recently we have purchased 12 new and complete Wartsila engines. The latest models of L20, L26 and L32 engines.

So, in short we conduct:

- Overhaul of main and auxiliary marine engines and other engine room equipment
- Overhaul of turbochargers
- In situ machining
- Laser-controlled alignments
- Vibration measurements
- Chock-fast epoxy engine seatings
- Electrical works, troubleshooting and repairs
- Overhaul and testing of fuel system equipment
- And anything else we can handle to help our clients

All parts supplied from own stock. Works were carried out in Sydney

MAN 6L23/30H

Renewal of Cylinder block and Crankshaft

Electrical Repairs and Parts

Our electrical engineers are experts in their line of work. They test, calibrate and repair the electronic components of marine-engine instruments and control units. Once arrived on board these technicians act as troubleshooter and they address all and any kind of electrical problem or issue on board.

- Test, calibration and modification of electric components on marine diesel engine and -control instruments
- Test, calibration and modification of a large range of electronic devices and equipment on board marine and offshore installations

We stock original electrical spares as well as high quality OEM parts for:
Wartsila L20, L26, L32, 38A/B engines.
MaK M20 and M25 engines.

Spare **parts**

Bengi supplies a great variety of both original as well as OEM-specified spare parts for Wartsila, Hanshin and MaK marine engines. All directly from own stock. Over the past 20 years we have specialized in maintenance and repairs of Wartsila L20, L26, L32, 38A/B and W46 type engines. And also MaK M20 and M25 engines. For these engines types we stock over 63,900 small and large spare parts.

We also offer Bengi Stock Service (BSS). This service provides our customers with parts whenever needed and wherever needed on the globe. Our customers may store their overhauled or re-conditioned or even new spare parts in our warehouse from where we send it to where customers need these parts. When participating in BSS, customers are given a unique log-in and password that provides them with access to our on-line stock control system. Thus owners are able to check and control their own stock of spare parts around the clock. This service is a very useful tool to reduce downtime due to mechanical failure of parts. Additionally, all parts are labeled and valued which is useful for reporting and financial reasons.

Furthermore, we take care of all logistics needed to transfer spare parts from our warehouse to the vessel. Wherever that ship is. To achieve this, we work around the clock in two shifts. Orders received during daytime are packed and dispatched during night shifts. So, spare parts are shipped within 24 hours.

Transport of parts has the same priority as repairs. For all domestic and international transports, we pack all heavy and voluminous parts in wooden boxes to make sure parts will not get damaged during transport. All of these boxes are handled according the international standard ISPM-15.

In case you have a particular inquiry, please contact our sales representatives at our head office in the Netherlands.

Visit our continuously updated website on **www.bengi.nl** and check the Spare Parts page for available spares.

We stock more than **63,900** spares

We supply and dispatch **24/7**

Specialized in **Wartsila**, **Hanshin** and **MaK** engines

Also spares for **MAN**, **Deutz**, **SWD** and **ABB**

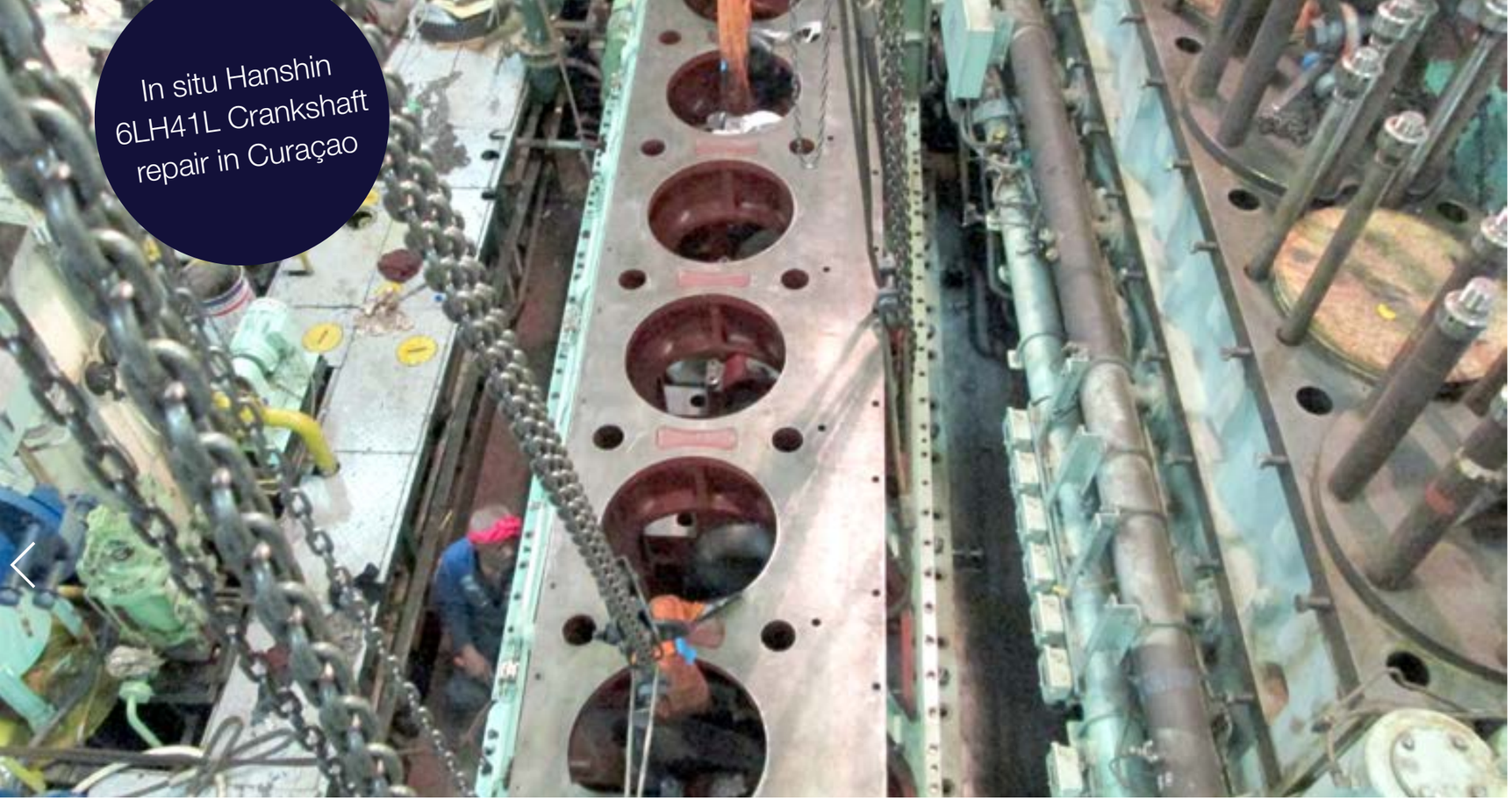
Transport

Any time, any place, anywhere…

On board overhaul and repairs often require a lot of very well organized logistics. And usually time for these in situ works is limited. Therefore, spare parts, tools and other materials needed, need to be delivered on site fast and in full. Delays and omissions are unacceptable.

Over the years Bengi has gained massive experience in global transports. With 12 logistic agents across the world we are able to fast forward large and heavy engine parts and specialist tools and equipment. And through the same network we provide our principals with a very reliable and fast parcel delivery service. Either through the air, over sea or via (rail-)road.

For all domestic and international transports, we pack all heavy and voluminous parts in wooden boxes to make sure parts will not get damaged during transport. All of these boxes are handled according the international standard ISPM-15.



In situ Hanshin 6LH41L Crankshaft repair in Curaçao

Official dealer of:

The Hanshin Diesel Works LTD.

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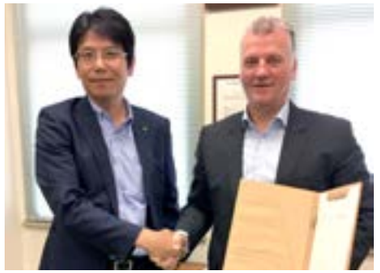
Bengi's managing director has been a Hanshin service engineer from 1990 till 1995. He travelled the world to carry out maintenance and repairs to Hanshin Diesel engines. After founding Bengi BV in 1995 we have serviced more than 350 Hanshin Diesel engines all over the world. In our workshop in Spijkenisse in the Netherlands we maintain and repair Hanshin parts like liners, covers, pistons, camshafts, cams and many more components. We are fully equipped to recondition and machine valve cages and -covers as well as valves up to manufacturer's specifications.

All repairs and maintenance works are carried out according to manufacturer's procedures and instructions. And the results we achieve meet Class requirements.

Bengi operates a 'Hanshin Marine Trading department'. This department sells and delivers original Hanshin parts. All parts are stocked in and dispatched from our own warehouses. We keep stock of especially the following engine types: Hanshin LF58, EL44, LH31, LH41 and LH46.

In case you require any kind of information, please feel free to contact us. At any time!



BENGI BV

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