



# BANSAL MARINE



BUILDING OUR HISTORY... TO CREATE OUR LEGACY

## SUPPLIERS OF

Re-conditioned Separators  
Heat Exchangers  
Fresh Water Generators

New Parts  
Accessories





EVERY DROP IS PURIFIED



## COMPANY POLICY

**It is the policy of Bansal Marine to conduct all business activities in a responsible manner, free from recognized hazards, and to respect the environment, health and safety of our employees, customers, suppliers, partners and the community.**

**We will comply with all applicable environmental, health, safety, legal requirements, and other requirements related to EHS aspects and risks. We also implement programs to achieve greater protection and focus on maintaining a safe work environment.**

**We are committed to prevention of pollution and will strive to conserve the earth's natural resources through the development of sustainable products and manufacturing processes. We are working to be an industry leader in reducing, reusing and recycling wastes.**

**We are committed to the implementation, maintenance and continuous improvement of our EHS Management Systems.**



Bansal Group was established in the year 1960 by Chairman & founder Mr. Harphul Bansal. The Group has grown rapidly diversifying into various businesses

1. Oxygen refilling plant
2. Real estate
3. Import and export of ferrous and non - ferrous metals.
4. Reconditioning of fuel oil & lubricating oil separators.
5. Sale of New Separator Spares & Accessories.

Bansal Marine entered into the business of separators in 1992 with the intention of catering to the demand of reconditioned separators & supply of NEW separator parts & accessories in the domestic and international market. The company is housed in an area of 30,000 sq ft in Bhavnagar and 50,000 sq ft in Mumbai (India) and also has branches globally :

**EAGLE BAY LLC. in Texas U.S.A.**

**Bansal International FZE in Ajman free zone U.A.E.**

Having a large work force of executives, managers & skilled man power , we also have a strong technical department comprising of highly qualified & experienced engineers who are committed to deliver service par excellence 24/7.

At Bansal marine we produce 15 reconditioned separators of the highest quality standards every month. Over a period of 13 years we have sold more then approx. 2000 reconditioned units, deliveries made to leading shipping companies globally, off shore rigs, on shore power plants and various industries for different applications.

We are very popular globally due to our huge inventory, having a stock of more then 1000 reconditioned separators & approx. 500,000 NEW parts & accessories for all types of separators make ...

**ALFA LAVAL**  
**SAMGONG / MITSUBISHI**  
**WESTFALIA**

We are approved vendors to many leading shipping companies and we have achieved this purely because of our high quality standards, on time deliveries for all supplies and mainly due to the fact that our prices are most competitive compared to other suppliers.



Besides separators we also supply tailor made skids for separators as per your application, Heat Exchangers, Fresh Water Generators, Moatti filters.

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## RECONDITIONED MACHINES

Having a stock of more than 1000 machines we are always in position to offer all makes & types of oil separators required by you.

Every reconditioned machine produced at Bansal Marine goes through a rigorous running test and is backed by a “ **1 YEAR WARRANTY** ”





# RECONDITIONED MACHINES

To ensure that there is uniformity in quality there are standard guidelines laid down for the reconditioning process

1. Machine is dismantled & all parts are cleaned.
2. Only the frame & bowl assembly is retained rest everything from the machine is put into scrap.
3. The frame is sent for sand blasting, there after visual check is done. Further susceptible areas such as bearing housing, foundation etc. are checked with penetrant crack detector.
4. The Bowl assembly is visually checked & parts are changed wherever required. Parts are polished cosmetically.
5. The bowl assembly is sent for dynamic balancing.
6. The frame is coated with epoxy red oxide, nitro cellulose putty & there after painted with 2 layers epoxy paint.
7. The frame & bowl assembly is then taken to the assembly section They are assembled with new parts such as vertical & horizontal assembly, new pump, electric motor etc.
8. Once the assembly is completed the machine is put on the test bed where it undergoes testing on oil for minimum 6 to 8 hours. We check vibration / balancing / operation and de-sludging.  
Motor amperage is noted to ensure separator is running smoothly.



9. Once the quality is approved test certificates are issued, machine is then dismantled, thoroughly cleaned before it is sent to the packaging department.
10. Finally the machine is packed and ready to go.



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# SPARES PARTS

Bansal Marine is one of the largest stockists of new parts for all types of separators make

**ALFA LAVAL**  
**SAMGONG / MITSUBISHI**  
**WESTFALIA**

Our spectrum of spare parts include all mechanical parts, electronic items, bearings, seal rings, tools, gaskets etc. We house a stock of more then 500,000 new parts and we are continuously increasing our inventory to meet the demands of our customers.



## SPARE PARTS

Shipping industry is one of the most widely spread industries globally. It runs 24/7 – 365 days a year, and is working on the simple principal of COST, QUALITY & SERVICES.

**COST** :- Spares supplied by Bansal Marine are very reasonably priced, we purchase and stock these parts in huge quantities due to which the suppliers offer us the best discounts. Our volumes give us a price advantage which you benefit from.

**QUALITY** :- An organized team for quality assurance is dedicated to maintain the standards at par with OEM's. Our spare parts run through high quality inspection to ensure we supply perfectly compatible parts with assured durability. With state of the art facility, parts are ensured that they are protected from dust/heat and other atmospheric conditions.

**SERVICES** :- We assure our customers of a quotation for their 100 % requirement within 1 working day. Having such a huge inventory allows us to proudly claim that we can get your ordered parts ready to go within 24 hours from the time of receiving the order.

To assure you of on time deliveries all around the globe and at best discounted freight rates we have tied up with DHL & FEDEX as our logistics partners.



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## SPARE PARTS DIVISION







## ACCESSORIES

SEPARATOR ACCESSORIES ARE EXPENSIVE AND DIFFICULT TO GET ON TIME. TO OVERCOME THIS SITUATION WE AT BANSAL MARINE HAVE MADE LARGE INVESTMENTS ON ACCESSORIES REQUIRED FOR OPERATING ALL TYPES OF OIL SEPARATORS. WE HAVE IN STOCK A WIDE RANGE OF NEW & RECONDITIONED ACCESSORIES WHICH ARE READILY AVAILABLE. THE ACCESSORIES IF PURCHASED ALONG WITH THE SEPARATORS COME AT A DISCOUNTED RATE WHICH PROVIDE AN ECONOMICAL ADVANTAGE TO THE CUSTOMER.



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## ACCESSORIES

**SEPARATOR SPECIAL TOOLS**  
**STAINLESS STEEL HOSES**  
**GRAVITY DISCS**  
**ANTI VIBRATION MOUNTINGS**  
**ELE. HEATERS & PLATE TYPE HEAT PACKS**  
**SOLENOID VALVE BLOCKS FOR WATER & AIR**  
**HIGH & LOW PRESSURE SWITCHES**  
**PANELS EPC 30, 41, 400 & EPC 50 / EPC 60**  
**WATER TRANSDUCERS WT 100 / WT 200 & MT 100**  
**VISCO CHIEF VCU 160 & EVT 10**  
**IMO PUMPS**  
**THREE WAY VALVES**  
**STARTER PANEL**





# MODULES

We build & supply customized modules or skids for various applications. Over the years, we have created and supplied various modules/skids across the world including South East Asia, Europe, U.S.A., Central America and Africa.

The spectrum of modules supplied worldwide is:

- Customized Engineering to suit the specific application & process.
- Self developed PLC based system for auto control & internet based connectivity for remote monitoring and supervision.
- Modules manufactured & supplied for HFO/DO/LO purification system, HFO/LFO changeover unit, central cooling system for power plants & industrial separation system for various industrial fluids, food & chemical applications.

We deliver the highest quality standard with an emphasis on complete customer satisfaction.

We have our storage and workshop equipped with the most advanced facilities for cleaning, inspection, calibration, testing, material handling, paint shops, sand blast cleaning, MPI crack testing, hydraulic testing etc.



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# MODULES

**OUR TEAM OF EXPERT ENGINEERS ARE  
AVAILABLE TO YOU AT ALL TIMES**

- **ON SITE/ON BOARD INSTALLATION**
- **TRIAL RUN**
- **MAINTENANCE**
- **TROUBLE SHOOTING**

**ASSURING YOU OF 100%  
SERVICE BACKUP 24/7.**



# HEAT EXCHANGERS

**WE MEET EVERY OPERATIONAL SPECIFICATION, FROM THE VERY SIMPLE TO THE MOST COMPLEX.**

## Plate Heat Exchanger Reconditioning

BANSAL MARINE also supplies reconditioned plate heat exchanger, these second hand units undergo through an exhaustive reconditioning process with OEM standard.

The Reconditioning Services Include:

1. Disassembly and visual inspection to determine components that can be reconditioned and those that need replacement.
2. Removal of glued gaskets, usually with the use of special nitrogen de-bonding systems.
3. Plate Cleaning
4. Dye-penetrant testing, if required, to verify plate pack integrity.
5. Preparation and application of new gaskets to the plates according to updated material specifications.
6. Pressure testing of plate pack.

If plate heat exchanger performance lags, we provide a reconditioning service to improve performance & thermal efficiency.

**OUR TECHNICAL DEPARTMENT CAN ALSO PROVIDE A COMPLETE COOLING/HEATING SOLUTION BY DESIGNING A PHE AS PER YOUR REQUIREMENT.**



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## FRESH WATER GENERATORS

We supply used evaporator plates duly cleaned, checked & pressure tested along with new gaskets. Other items such as brine and air eductor, salinometer, flow meter etc can also be arranged from reliable source.

We can deliver channel plates and plate gaskets for the complete range of Alfa Laval coolers and fresh water generators.

We also offer complete units of all types, duly re-conditioned & tested.



## MOATTI FILTERS

We supply reliable spares for Moatti Filters which will be cost effective as well as give desirable results. Spares used in auto clean filters for Alfa Laval of various models can be supplied.

We have a wide range of replacement parts for Moatti filters, such as primary spare parts, filter discs in various sizes and filtration grades, seals, O-rings and mechanical parts.

We also offer complete units of all types, duly re-conditioned & tested.





**[www.bansalmarine.com](http://www.bansalmarine.com)**

**BANSAL MARINE GROUP**

## **INDIA**

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### **MUMBAI WORKS :**

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## **OUR OVERSEAS PARTNERS**

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