

BANSAL MARINE

BANSAL SEPARATORS & SPARES

Reconditioners of Oil Separators & Bowl Assemblies





By virtue of all our abilities, reliability and our commitment to maintain the highest standards we are looked upon as the leader in the field of reconditioned oil separators.



BANSAL MARINE
BANSAL SEPARATORS



Established in 1960 by the Chairman & Founder Mr. Harphul Bansal, The Bansal Marine Group has grown rapidly diversifying its business from ship re-cycling at Alang & Sachana ship re-cycling yards to oxygen refilling plant, imports of ferrous & non-ferrous metals, construction of housing societies.

We are proud of our reconditioning facility for disc type centrifuges also known as oil separators. We also recondition other machineries and export spare parts for all these equipments which are available with us Ex-Stock.

Bansal Marine was formed in 1992 with the intention of catering to the various needs of the domestic and international market for separators. Bansal Marine is best known today for having one of the largest stock of reconditioned separators, more than 1000 machines & 2,00,000 new / unused separator & module parts. The company has achieved the distinction of being one of the biggest separator re-conditioners in India. We have our stock yards & reconditioning workshop situated both at Bhavnagar and Mumbai , both having different teams of engineers working to deliver the best quality with a **100 % record of "on time delivery"**, thus creating a global landmark & setting a benchmark for our customers.

The company is housed in an area of 30,000 sq. ft. in Bhavnagar & 50,000 sq. ft in Mumbai, with a large workforce of executives, managers & skilled manpower. We also have a strong technical department comprising of highly qualified & experienced engineers who are committed to deliver service par excellence 24/7. The facility is equipped with expert repair services for industrial high speed centrifuges and marine disc type oil separators.

A wide range of 200,000 new / unused module parts and completely reconditioned separators with bowls of all types are held on stock in order to offer our customers quick response and availability.

‘Worldwide Service’

Round the clock, Around the world

OUR TECHNICAL DEPARTMENT IS ALWAYS AT YOUR DISPOSAL AND IS HAPPY TO GIVE ADVICE ON REPLACEMENT OPPORTUNITIES FOR OLD SEPARATORS ON BOARD.



RE-CONDITIONED SEPARATORS

Why associate with the Bansal Marine Group?

- Unmatched reliability
- Optimal performance
- Sound operating economy
- Ease of availability



ALL OUR SEPARATORS AND BOWL ASSEMBLIES ARE COVERED BY A 12 MONTH "OPEN GUARANTEE / WARRANTY".

OUR SEPARATORS RUN THROUGH HIGH QUALITY INSPECTION TO ENSURE THAT EVERY MACHINE SUPPLIED IS OF OPTIMUM QUALITY.



Having an experience of more than 20 years in the field of separator reconditioning, we have the capacity of reconditioning more than 15 units a month. We offer sales, maintenance and start up consultation to the users for all brands of Centrifugal Separators.

MAKES

TYPES

- | | |
|------------|--|
| ALFA LAVAL | : MAB / MIB / MMB / MAPX / MOPX / MMPX / MFPX / MSPX / WHPX / FOPX |
| ALFA LAVAL | : SU / P |
| WESTFALIA | : OTA / OTB / OSA / OSB / OSC / OSD / WSC |
| MITSUBISHI | : SJ 700 / SJ 11 / SJ 15 / SJ 16 / SJ 20 / SJ 25 / SJ 30 / SJ 40 / SJ 50 / SJ 60 |



Separators re-conditioned by us, pass through the following mandatory processes.

- Dismantling of the complete unit.
- Sand blasting / cleaning of all the parts / frame.
- Visual / Dimensional inspection of used parts for checking re-usability or replacement.
- Inspection of reusable components / parts and a process of rework , if required.
- Painting & aesthetic finishing for frame & other components.
- Assembling process.
- Balancing of bowl assembly.
- Exhaustive tests & trials for each unit to ensure highest standard.
- Re-cleaning of internal & external parts after testing.
- Packing & shipment.



SPARE PARTS

WITH A READY STOCK OF SPARE PARTS FOR ALL TYPES OF SEPARATORS, WE CAN ASSURE YOU OF INSTANT DISPATCHES – A COMMITMENT WE ARE PROUD OF.

WE HAVE A STRONG LOGISTICS TEAM WORKING 24/7, OFFERING YOU ROUND THE CLOCK SUPPORT ANYWHERE IN THE WORLD



Our spare parts program has grown exponentially over the years.

The Bansal Marine Group is a leading supplier of new / unused spare parts for various Alfa Laval , Westfalia & Mitsubishi separators. Our spectrum of spare parts includes all mechanical parts, electronic items, bearings, seal rings, gaskets, tools etc.

An organized team for quality assurance is dedicated to maintain the standards at par with OEM's.

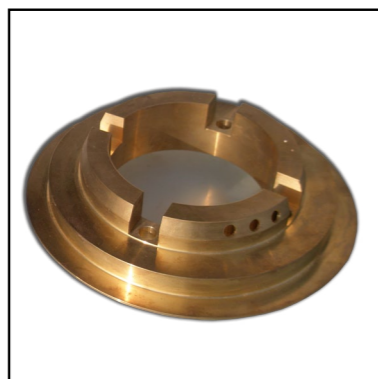
Our spare parts run through high quality inspection to ensure we produce perfectly compatible parts with assured durability.

With state of the art facility, parts are ensured that they are protected from dust / heat and other atmospheric conditions.

We are continuously increasing our inventory to meet the demands of our customers. All stocked parts can be delivered next day and world-wide shipping is available.

Bansal Marine also supplies replacement spare parts for most common centrifuge equipments made by popular manufacturers.

Our volumes give us a price advantage which you can benefit from.





MODULES

We build & supply customized modules / skids for various applications. Over the years, we have created and supplied various modules / skids across the world including South East Asia, Europe, USA & 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 booster unit/fuel forwarding unit, HFO / LFO changeover unit, central cooling system for power plants & industrial separation system for various industrial fluids / food & chemical applications.

We promise to 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.



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

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

ASSURING YOU OF 100 % SERVICE BACKUP - ALWAYS.





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:

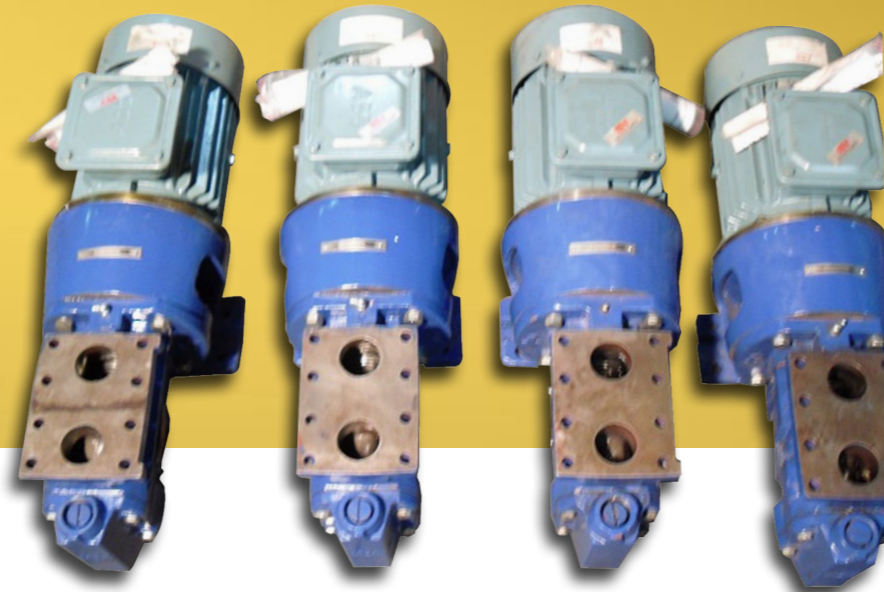
1. Disassembly and visual inspection to determine components that can be reconditioned and those that need replacement.
2. Removal of glued gaskets, usually with the use of special nitrogen de-bonding systems.
3. Plate Cleaning.
4. Dye-penetrant testing, if required, to verify plate pack integrity.
5.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

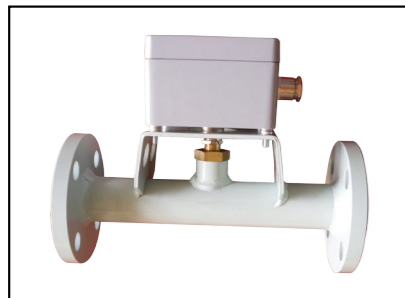
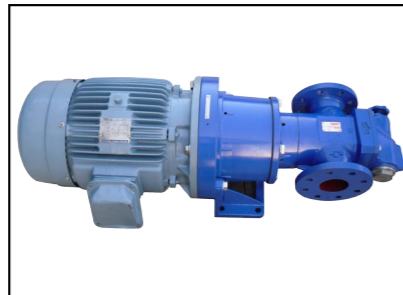
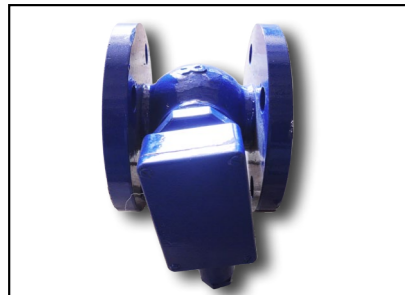
OUR TECHNICAL DEPARTMENT CAN ALSO PROVIDE A COMPLETE COOLING / HEATING SOLUTION BY DESIGNING A PHE AS PER YOUR REQUIREMENT.



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 / UNUSED & 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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BANSAL MARINE GROUP