#### PB Equipment & Parts, LLC Marine Division www.pb-equiparts.com Contact: sales@pb-equiparts.com



### PB Equipment and Parts, LLC

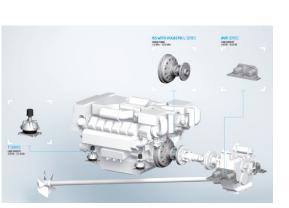




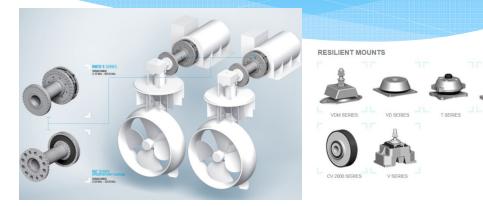
5767 NW 115th Ct # 104 Miami, FL 33178 Management: jpena@pb-equiparts.com Sales: sales@pb-equiparts.com Tel: 786-797-7477 Fax: 305-597-4074 www.pb-equiparts.com

### Flexible Couplings and Cardan Shafts

- Highly flexible couplings
- Cardan shafts couplings
- \* Clutches
- \* Joint shaft couplings
- \* Resilient mounts
- \* Shock mounts



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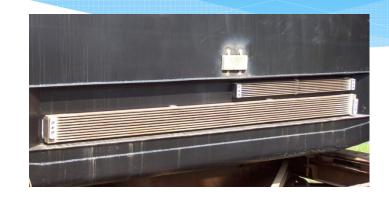






# Grid Coolers, Box Coolers, Remote Heat Exchangers

 Grid coolers and Box coolers for all types of marine applications









### **Batteries and Battery Chargers**

- Marine grade batteries
   (sealed type AGM)
- Battery chargers with regulatory agency approvals upon request







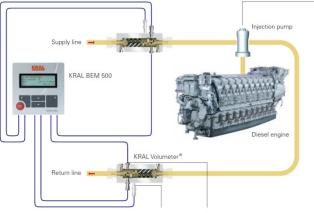
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# Fuel Consumption Solutions for Marine Diesel Engines

- Positive displacement flow meter
- Mass flow meter (Coriolis type)
- Multi-engine systems
- High system accuracy (measuremer.. accuracy of 0.1%)









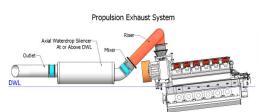


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### **Exhaust System Solutions**

- Exhaust silencers

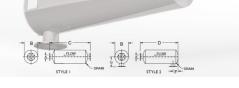
   (cylindrical, disc, Simline, compact) with or
   without thermal wrap
   installed from factory
- Wet exhaust system solutions
- \* Mounting kits



APPLICATION Designed for applications where an acute attenuation is mandatory This model performs the work of two silencers in series. Recommended for use in highly critical environments requiring extreme exhaust noise attenuation. For Horizontal applications. If used in vertical application constart factory.

CONSTRUCTION

all factory for details. INISH AND OPTIONAL MATERIALS gh heat black paint on all sizes, Silencers available in stainless est or with alyminized heads and hell - call factory for details.

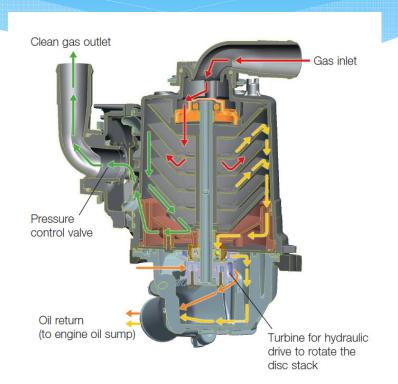




## **Crankcase Filtering Solutions**

- Oil mist separators / High performance disc stack technology with cleaning efficiency >98%
- Protects turbocharger and intercooler, hence maintaining a high performing engine and prolonging the engine life
- "Fit & Forget" No service throughout its lifetime
- Minimizes engine oil consumption, due to oil return and reuse of drive oil
- No disposables or recycling eliminates the need for replacement filters
- Actively extracts gases from the crank case – no pressure drop
- No external power to drive the separator





### **Oily Water Separators**

- Type approved in accordance with IMO MEPC 107(49)
- Approvals: DNV,CCS,USCG & RMRS
- Treated water below 15ppm
- "Plug and play", easy installation
- Skid design, small footprint
- High quality materials and parts
- Tanks made of stainless steel, AISI 316L
- Can easily be connected to an Emulsion breaking unit for less than 5ppm applications



# **Centrifuge Solutions**

- GEA Westfalia centrifuges
- Treatment and conditioning of fuel oil
- Treatment of bilgewater
- Treatment of lube oil and hydraulic oil
- Treatment of sludges containing oil and water
- Sea water desalination
- GEA Spare Parts



