Marine purifiers for motor yachts

The smart solution to separate small volumes
Sophisticated technology – smallest space

GEA centrifugal separators specialize in the purification of fuel, lube and hydraulic oil as well as bilge water treatment and effective cat fines removal.

They are made in a space-saving design for continuous operation and the special requirements on board yachts. With their high g-force, the purifiers reliably guarantee high performance and economic operation of yacht engines and boost their service life even under extreme conditions. As a long-term, reliable partner to the marine sector, GEA is supporting customers with a strong, global network of service, spare parts and know-how.

Benefits:
- First-class product quality and safe in extreme conditions
- High standard of separating efficiency and economy
- Compact design – low weight and small space requirements
- Simple installation thanks to plug and play
- No filter aids required
- Low maintenance and service intervals up to 16,000 h

Skid for diesel oil treatment with a capacity up to 1,200 l/h
The contaminated product is pumped from the tank to the separator. The separator is equipped with a disk type bowl to clarify liquids or to separate liquid mixtures. The product flows through the product inlet into the rotating bowl and is clarified or separated in the disk stack. The purified, light phase is discharged internally through the centripetal pump under pressure. The centrifuged solids collect in the solids holding space and must be removed manually or are ejected automatically, depending on the separator design.

**Fields of application:**
- Fuel oil treatment
- Lube oil treatment
- Hydraulic oil treatment
- Bilge water treatment
## Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>Bowl</th>
<th>Centrifugal pump</th>
<th>Capacity</th>
<th>Three-phase AC motor</th>
<th>Separation temperature</th>
<th>Cleaning type</th>
<th>Weight</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
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<td>L W H</td>
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<tr>
<td></td>
<td>Speed</td>
<td>Pressure head</td>
<td>Nominal capacity</td>
<td>Power</td>
<td>Voltage at 50 Hz</td>
<td>Voltage at 60 Hz</td>
<td>Speed at 50 Hz</td>
<td>Speed at 60 Hz</td>
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<td>OTC 2</td>
<td>10,000</td>
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<td>1,150</td>
<td></td>
<td>1.1/1.3</td>
<td>380–420</td>
<td>440–480</td>
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<td>1,740</td>
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<td>1.1/1.3</td>
<td>380–420</td>
<td>440–480</td>
<td>3,000</td>
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<tr>
<td>OSD 2</td>
<td>10,000</td>
<td>1.0</td>
<td>1,170</td>
<td></td>
<td>1.1/1.3</td>
<td>380–420</td>
<td>440–480</td>
<td>3,000</td>
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<td>GEA marine Separator 6</td>
<td>12,000</td>
<td>1.0</td>
<td>3,300</td>
<td>up to 4.0</td>
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<td>380–420</td>
<td>440–480</td>
<td>3,000</td>
</tr>
</tbody>
</table>

Notes:
- Nominal capacity MGO
- Voltage at 50 Hz
- Voltage at 60 Hz
- Speed at 50 Hz
- Speed at 60 Hz
- max. temperature
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OTC 2, OTC 3

OSD 2

GEA marine Separator 6

GEA BildeMaster 200
"Engineering for a better world" is the driving and energizing principle connecting GEA’s workforce. As one of the largest systems suppliers, GEA makes an important contribution to a sustainable future with its solutions and services, particularly in the food, beverage and pharmaceutical sectors. Across the globe, GEA’s plants, processes and components contribute significantly to the reduction of CO₂ emissions, plastic use as well as food waste in production.

GEA is listed on the German MDAX and the STOXX® Europe 600 Index and also included in the DAX 50 ESG and MSCI Global Sustainability indexes.