

# 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.



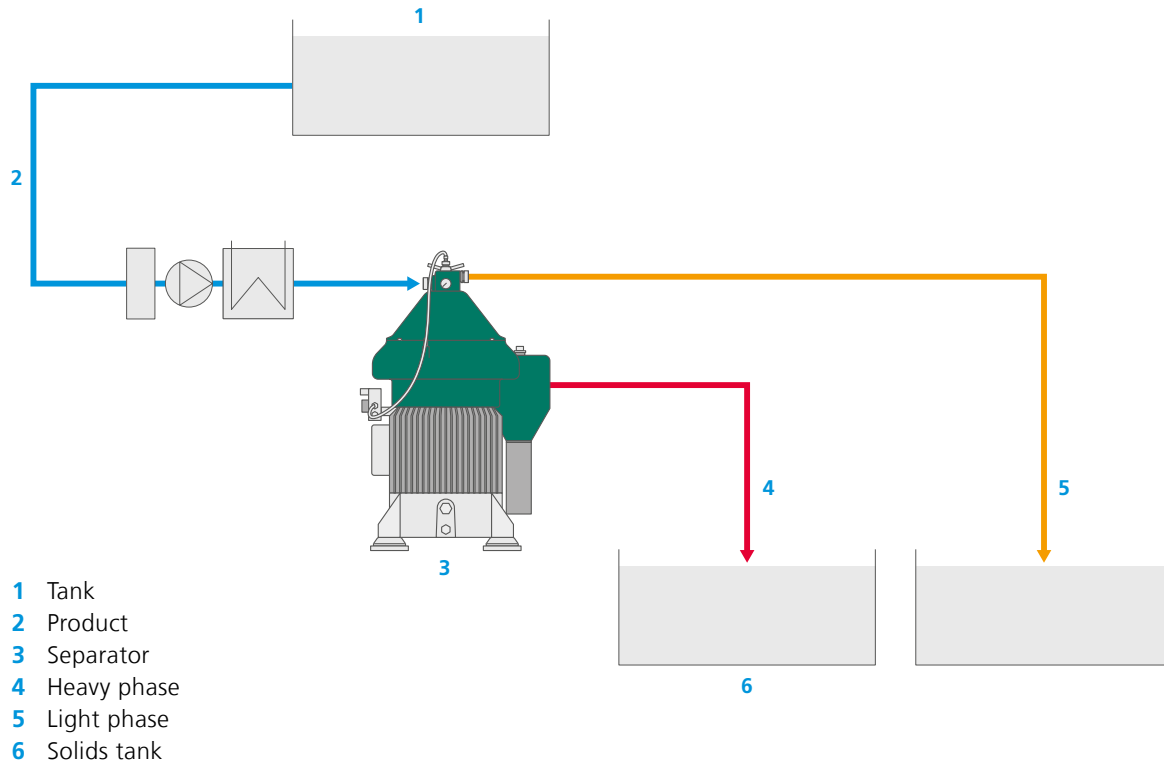
*Skid for diesel oil treatment with a capacity up to 1,200 l/h*

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

# Simple installation



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

Model	Bowl	Centripetal pump	Capacity	Three-phase AC motor					Separation temperature	Cleaning	Weight		Dimensions		
	Speed	Pressure head	Nominal capacity MGO	Power	Voltage at 50 Hz	Voltage at 60 Hz	Speed at 50 Hz	Speed at 60 Hz	max. temperature		Standard design	Reduced-weight design	L	W	H
	min <sup>-1</sup>	bar	l/h	kW	V	V	min <sup>-1</sup>	min <sup>-1</sup>	°C		kg	kg	mm		
OTC 2	10,000	0.5	1,150	1.1/1.3	380–420	440–480	3,000	3,600	100	manually	60	45	500	281	564
OTC 3	10,000	0.5	1,740	1.1/1.3	380–420	440–480	3,000	3,600	100	manually	65	45	500	281	564
OSD 2	10,000	1.0	1,170	1.1/1.3	380–420	440–480	3,000	3,600	100	automatically	70	50	500	420	700
GEA marine Separator 6	12,000	1.0	3,300	up to 4.0	380–420	440–480	3,000	3,600	110	automatically	165	–	610	515	890
GEA BilgeMaster 200	10,000	0.5	200	1.1/1.3	380–420	440–480	3,000	3,600	75	manually	265	–	900	725	1,200



*OTC 2, OTC 3*



*OSD 2*



*GEA marine Separator 6*



*GEA BilgeMaster 200*