Fans for SOx Scrubbing Systems

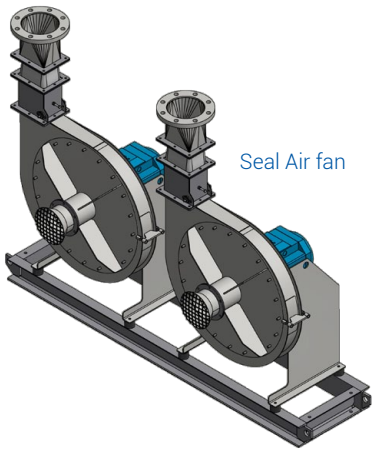
BarkerBille's range of ID and FD fans can be used for Offshore Scrubber Solutions to limit Sulphur Oxides (SOx) Emissions with positive impact on the environment and global health.

Fans for Scrubber Solutions to limit SOx Emissions

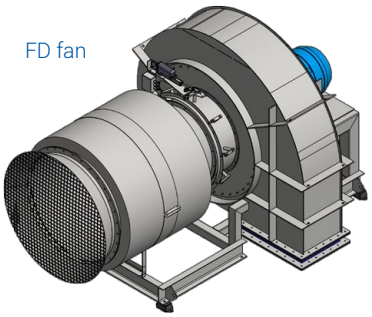
In October 2016, the IMO (International Maritime Organization) passed stricter global sulphur oxides limits, which will be implemented in 2020.

It is known that sulphur oxides (SOx), present in the ship emissions, cause many deaths every year and have a negative impact on both crops, environment and air quality. Setting a global sulphur oxides cap will have a positive effect on the air we breathe and can save thousands of lives every year.

To reach the lower and stricter SOx emissions, a lot of ships are now being rebuilt with SOx scrubbers in open or closed loop to function as exhaust gas cleaning systems.



Seal Air fan



FD fan

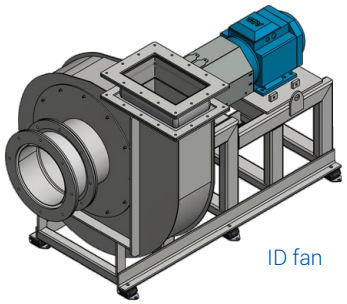
FD and ID Fans for Scrubber Operations

Using scrubbers to clean the flue gas often results in an increased back pressure for the combustion air fan and/or an unstable back pressure in the boiler.

To prevent these problems, the boilers can be fitted with larger Combustion Air fans (FD fans) and/or Flue Gas fans (ID fans) can be installed between the boiler and scrubber.

BarkerBille has a complete range of FD and ID fans as well as Seal Air fans for scrubber operations. These fans are designed specifically for each application to achieve optimal operation, high efficiency and low power consumption.

BarkerBille is able to supply the same high quality centrifugal fans for scrubbing systems from both China and Denmark to shipyards all over the world.



ID fan

Advantages

- Pressure preforming up to 9,000 Pa
- Air flows up to 60,000 m^3/h
- Specially designed for each application
- Reliable performance
- Durable construction

BarkerBille A/S • mail@barkerbille.com • www.barkerbille.com • +45 44 97 41 92 • Head Office: Borupvang 1A 2750 Ballerup • Office: Jørgen Hansens Vej 1 6670 Holsted