

# Power plants

feature numerous major systems and subsystems in which flows of liquids and gases must be cooled, heated, cleaned and separated efficiently and reliably.

A comprehensive range of Alfa Laval systems make this possible with exceptional performance and a minimum of energy, thus helping reduce the environmental impact of these mission-critical processes.

Our extensive end-to-end technical know-how, combined with solid long-term experience in the power business, ensure you maximum benefits in new systems as well as updating and retrofit projects.

#### Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineered solutions.

Our equipment, systems and services are dedicated to helping customers optimize the performance of their processes. Time and time again.

We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuffs, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

#### How to contact Alfa Laval

Up-to-date contact details for all countries are available on our website at [www.alfalaval.com](http://www.alfalaval.com)



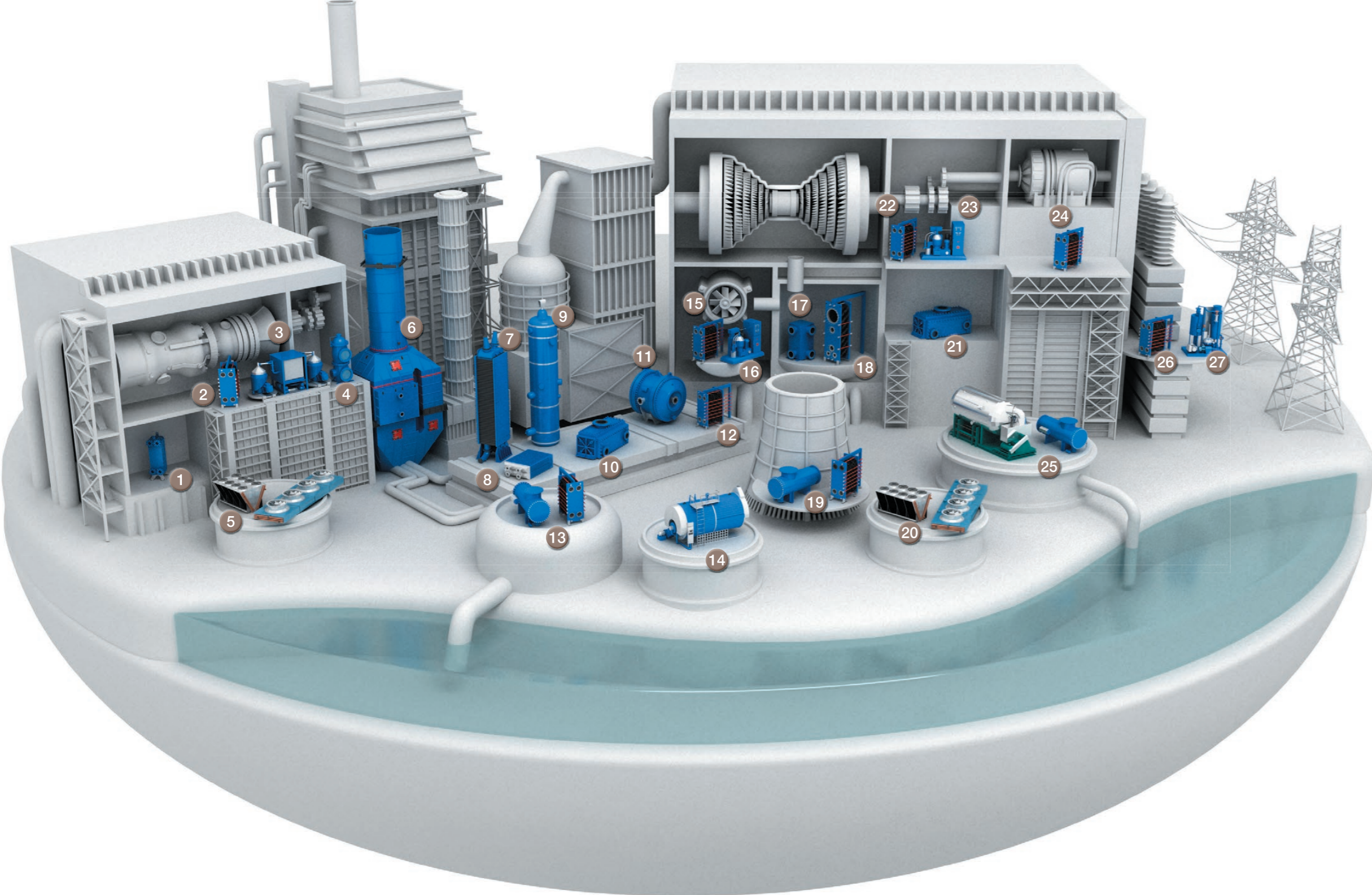
## Alfa Laval in the power plant

Technologies for the power industry





# Key products for key positions



- 1 Purge and sealing air cooler
  - 2 Lube oil cooler
  - 3 Fuel oil treatment
  - 4 Fuel oil filter
  - 5 Auxiliary air heat exchangers
  - 6 Waste heat recovery unit
  - 7 Packinox interchanger in flue gas cleaning or in thermal storage for solar power
  - 8 Ziepack integrated flue gas cooler or stripper reboiler/condenser
  - 9 Olmi syngas cooler/steam generator
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- 10 Reboilers and condensers in flue gas cleaning
  - 11 Slag or black water coolers/recuperator
  - 12 Interchangers/coolers/condensers in flue gas cleaning
  - 13 Closed cooling water system
  - 14 Aalborg auxiliary boiler
  - 15 Feed water pump lube oil cooler
  - 16 Feed water pump lube oil cleaning
  - 17 Feed water pre-heater
  - 18 Steam turbine condenser
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- 19 Closed cooling water system
  - 20 Air heat exchangers for auxiliary and condenser cooling
  - 21 District heating condenser
  - 22 Lube oil cooler
  - 23 Lube oil cleaning
  - 24 Generator oil cooler
  - 25 Desalination system
  - 26 Transformer oil cooler
  - 27 Transformer oil cleaning