



Power together

Efficient,
flexible and reliable
machines

Steam Turbines

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Ansaldo Energia has more than 100 years of experience in the design, manufacture and installation of steam turbines, with more than 700 units worldwide and a total capacity of nearly 100 GW.

Dedicated R&D and Service programs assist Customers with continuous product improvements that, when combined with the traditional reliability and robustness of Ansaldo Energia products, ensure a unique and balanced value package based on innovation and reliability.

The modular concept design reduces technical risk and manufacturing time since each steam turbine model is a combination of well-proven and pre-engineered modules of different sizes, providing a broad range of power ratings and applications in both 50 and 60 Hz markets.

All modules, with the exception of the low pressure

sections due to their dimensions, are fully assembled in the workshop and shipped to the site for fast and easy installation.

Several options based on different materials are available to provide the best solutions for the steam conditions in a wide range of applications, up to and including the most advanced supercritical parameters.

Today Ansaldo Energia steam turbines are based on reaction technology. A family of modern last stage blades up to 48 inches in diameter, coupled or free standing, is available to suit any cooling condition and back pressure requirements.

In addition, Ansaldo Energia offers a complete line of geothermal steam turbines up to 150 MW, based on impulse technology.

Type	Series	Power Range (MW)	Application
Reheat	RT30	 150-1000	Thermal Fossil-fired Steam Cycles Combined Cycles Cogeneration Plants Solar Plants
	MT15	 100-300	
Non Reheat	MT20	 100-350	
	MT10	 40-250	
Geothermal	GT	 15-150	Geothermal Cycles





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