

3.3. KEY PRODUCTS

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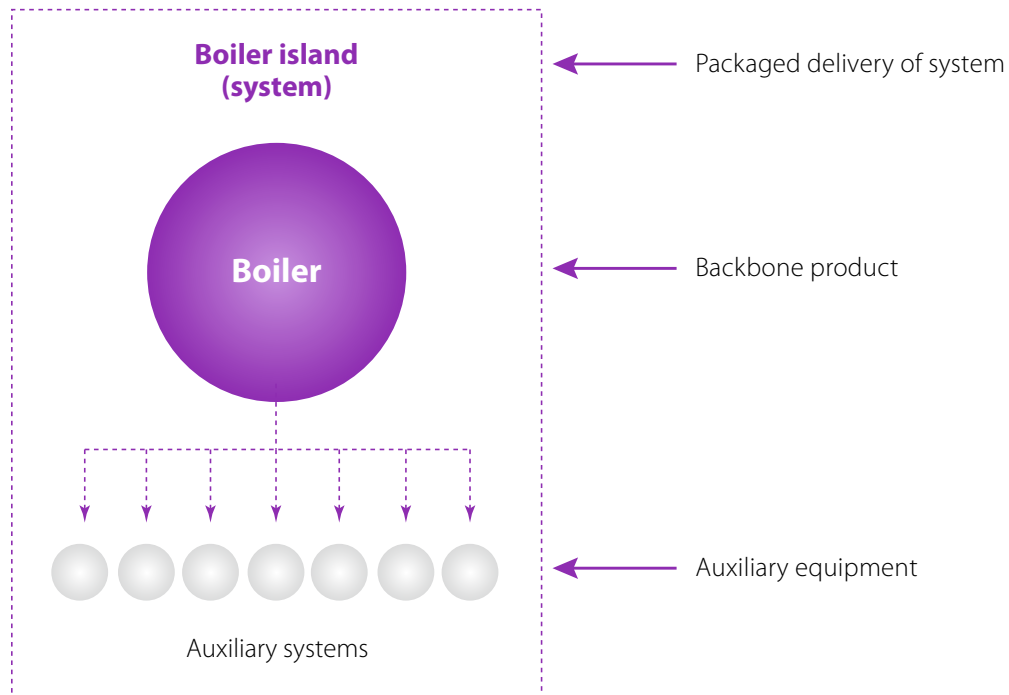
OJSC Atomenergomash specializes in production of equipment for nuclear power segment, including equipment for the reactor compartment, turbine plant equipment and auxiliary equipment for nuclear power plants. In addition, OJSC Atomenergomash is the sole producer of numerous equipment items for NPPs built using the Russian design:

Equipment for VVER reactor unit	Largest manufacturer of equipment for VVER reactor unit
Shell equipment	Sole Russian producer of steam generators for Russian types of NPPs
Pump equipment	Sole Russian producer of main circulation pumps for Russian types of NPPs
Valves	Has the ability to manufacture more than 70% of the entire range of valves for NPPs
Piping	One of the largest producers of high-pressure pipes in Russia
Fast neutron reactor plants	Chief designer and single-source supplier of fast neutron reactor plants (supervised company OJSC Afrikantov OKBM)

OJSC Afrikantov OKBM is a manufacturer of unique equipment:

Reactor plants for nuclear submarines and surface ships	OJSC Afrikantov OKBM is the chief designer and manufacturer of shipbased reactor plants for the Navy
Marine reactor plants for the icebreaker fleet	OJSC Afrikantov OKBM is the chief designer and manufacturer of reactor plants for the nuclear icebreaker fleet
Reactor plants for low and medium-capacity nuclear plants	OJSC Afrikantov OKBM is the chief designer and manufacturer of reactor plants for surface and floating nuclear plants with low and medium capacity as well as the chief designer for the regional nuclear power industry
Nuclear fuel handling equipment	OJSC Afrikantov OKBM develops and supplies different types of equipment for handling nuclear fuel and the repair of marine and ship-based fast neutron reactors (including devices for the replacement and repair of pumps, heat exchangers, actuators of control and protection systems, handling mechanisms, elevators, etc.) and the reactor plants of nuclear heating plants

In thermal power sector, companies of OJSC Atomenergomash operate in the area of packaged supply of boiler islands consisting of a boiler and different types of auxiliary equipment:



OJSC Atomenergomash supplies power boilers and heat recovery steam generators (under the license of NEM Energy) for TPP power units with capacities ranging from 50 to 800 MW. ZiO-Podolsk has manufactured more than 700 boiler units with varying capacities and parameters for more than 150 Russian and foreign power plants.

Companies of OJSC Atomenergomash supply various equipment to largest Russian oil and gas companies. The key products of these companies are:

- Air coolers of all modifications.
- Tower, capacitive and heat exchange vessels.
- Tubular, vertical and horizontal regenerative air heaters.

- Reactor equipment.
- Dust collector units of the CC.
- Piping connection components.
- Valves.
- Auxiliary equipment.

The base of the special steels segment is OJSC Energomashspetsstal, the largest producer of special cast and forged products for the power (wind, steam, hydro, nuclear), shipbuilding, metallurgy and general engineering industries.