



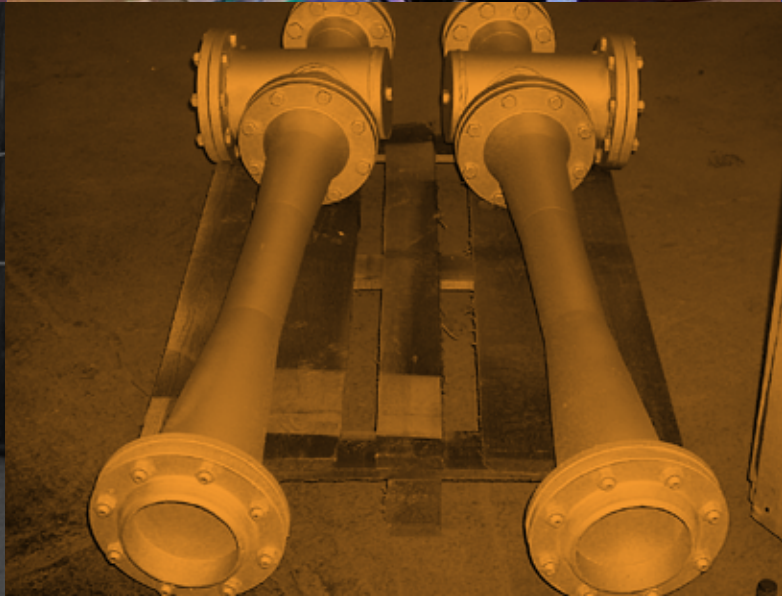
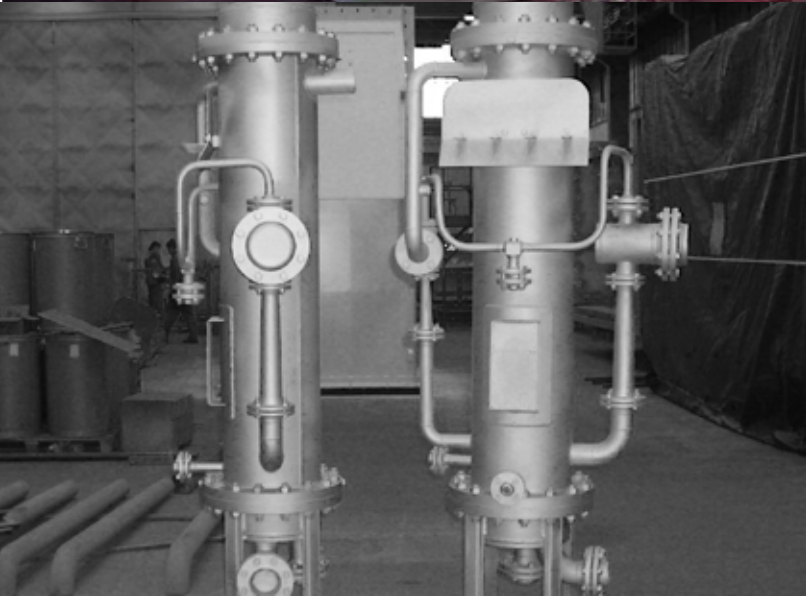
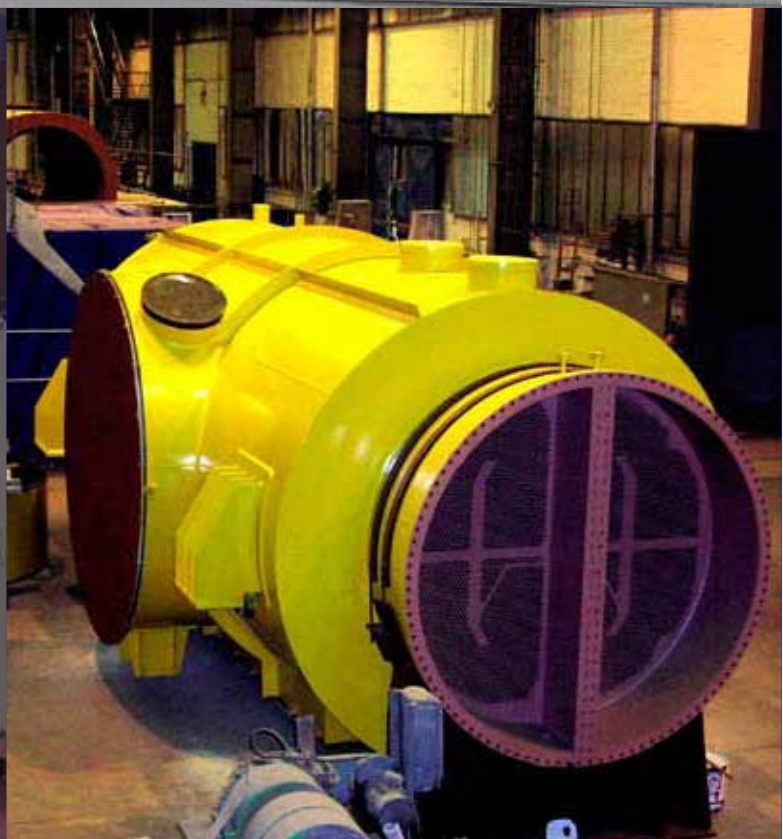
PRODUCTION PROGRAM

Condensers plus Steam-jet
air ejectors



PBS INDUSTRY

Condensers plus Steam-jet air ejectors



Condensers plus Steam-jet air ejectors

Steam passing through the turbine concentrates in the condenser and transfers the heat to the cooling water. The condenser is made as a double piece unit. The water chambers are divided and they allow half of the condenser on the water side to be shut down for the inspection and cleaning of tubes during operation. The body of the condenser is all welded. The water chambers are separated from the steam space by tubesheets in which

the tubes are expanded on both sides. The tubes are supported in several places in such a way as to allow dilatation and avoid oscillation. The water space is de-aerated at the highest place and drainage of the water space is in the lowest place. The condensation collector is welded on the lowest place of the condenser shell. The whole condenser is placed on spring support.

Design and material

The design and quality of the material complies with the regulations for pressure vessels EN 13445 and AD 2000-Merkblatt.

Material used for the heating tubes: austenitic corrosion resistant, CuZn20Al2, titan.

Material used for shell and chamber: P265GH.

Material used for tubesheets: P265GH, P295GH, P265GH clad with a layer of titanium or austenitic corrosion resistant.

The flanges are designed according to the requirements of EN, AD 2000 – Merkblatt.

Use

- Steam turbines in the energy Industry