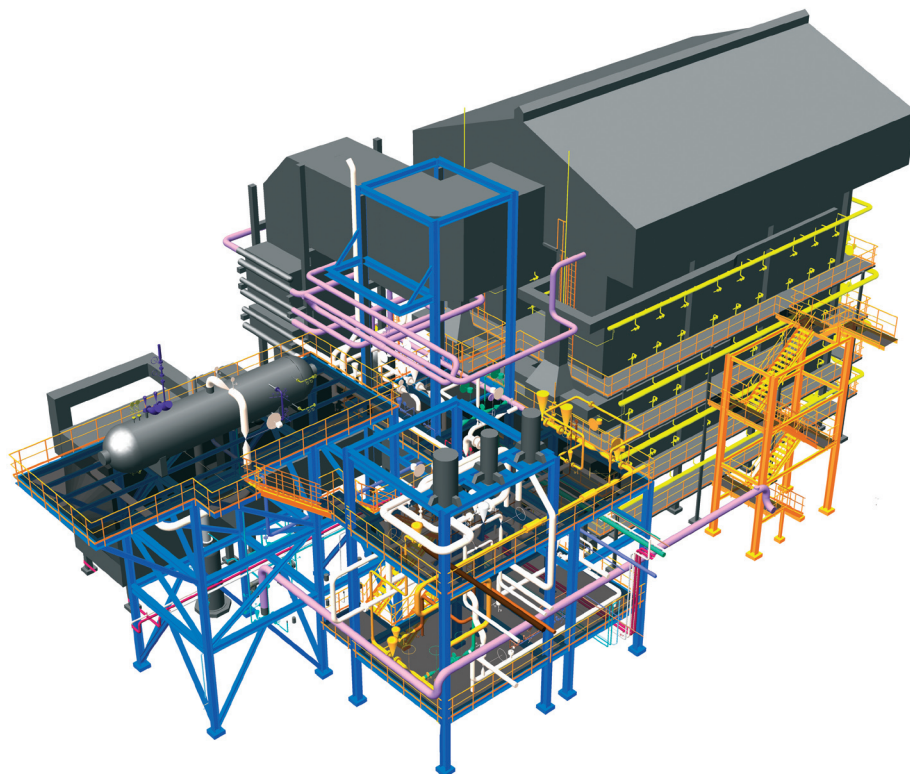


Topsøe Bayonet Reformer

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The Topsøe Bayonet Reformer TBR combines the novel properties of convection and radiant heat transfer in one steam reformer.

The development and introduction of the TBR is a result of Topsøe's continuous striving towards more energy efficient ways of producing hydrogen by steam reforming of hydrocarbon feed stocks.

- TBR consists of bayonet reformer tubes in a furnace box heated by radiant wall burners
- TBR provides hydrogen production with minimum energy consumption and low steam export
- TBR is environmental friendly with low fuel consumption, low NO_x and CO₂ emissions
- Improved heat utilisation in the TBR, significantly reduces the amount of burners, while maintaining the unique possibility of adjusting the tube temperature profile
- TBR operates at high heat fluxes providing capital cost savings for medium to large hydrogen plants

