

Process Recovery Boiler

PR

Design features:

A chemical and heat recovery boiler for the pulp and paper industry; concentrated black liquor and combustion air are introduced into the furnace where heat is recovered as steam for electricity generation and process heating, and the inorganic portion of the black liquor is recovered as sodium compounds.

Liquor processing capacity:

To 10,000,000 lb/day
(4500 t/day) dry solids.

Steam pressure:

To 1850 psi (12.6 MPa) design.

Steam temperature:

To 950F (510C).

Fuel:

Pulp mill liquor.

Auxiliary fuels:

Natural gas and/or oil.

