

HRSG Boilers

HEAT RECOVERY STEAM GENERATORS

RENTECH Boiler Systems offers a full range of custom designed HRSG boiler systems to meet your most demanding requirements.

- Custom engineered HRSG for gas turbines from 1MW to 40 MW
- Factory assembled natural circulation water tube designs
- Cross flow or water wall boiler designs
- Water-cooled furnaces for high duct fired applications
- Single or multiple boiler pressure designs
- Boiler design features to accommodate high cycling operation
- Variety of firing solutions to meet your project requirements, including supplementary or fresh air firing
- Integrated SCR and CO systems for single source responsibility
- Feed-water and condensate heaters for maximum heat recovery

RENTECH is the industry leader for HRSGs for gas turbines up to 40 MW. We offer designs based on application and operating conditions.

CROSS FLOW TWO-DRUM HRSG

- Complete shop assembly to minimize installation cost
- Saturated or superheated steam application
- Remote steam drums for higher steam capacities or shipping restrictions
- Unfired or supplementary fired applications
- Multiple gas passes for smaller gas turbines

WATERWALL HRSG

Our waterwall HRSG shares many design features with our industry-leading direct fired packaged boilers. We design RENTECH waterwall HRSGs for applications that require high levels of supplemental firing.

- Single-pass gas flow to minimize gas side pressure drop
- Supplemental firing temperatures to 3,000°F
- O type boiler or A type boiler
- Convection type superheaters
- Fresh air firing to provide uninterrupted steam production

