

# Hamon Deltak



Heat Recovery  
Steam Generators  
for  
Combined Heat  
and Power



# HRSGs for CHP: Put Over 37 Years of Experience into Your Project

## Big Engineering Talent for Smaller Boilers

Hamon Deltak's engineering heritage is legend in the power industry. Having designed and built some of the most technically-challenging boilers ever created, we have the "go-to" talent to support your unique CHP project. When we design your small HRSG, you are plugging into the same engineering insight that has powered thousands of larger boilers.



## Manufactured in the USA: It Makes a Difference!

Hamon Deltak's manufacturing facility in Plymouth, MN is home to some of the most experienced and skilled pressure part craftsmen in the world. When it comes to your boiler, you can rely on the talent of the people in a shop that routinely delivers the highest quality fabrication to the most demanding customers.

## Certifications and Standards

**ASME "S"  
Certificate  
#42,142**

**ASME "U"  
Certificate  
#42,141**

**National  
Board "R"  
Certificate**

**National  
Board "NB"  
Certificate**

**Canadian  
Welding  
Bureau CSA  
Standard 47.1**

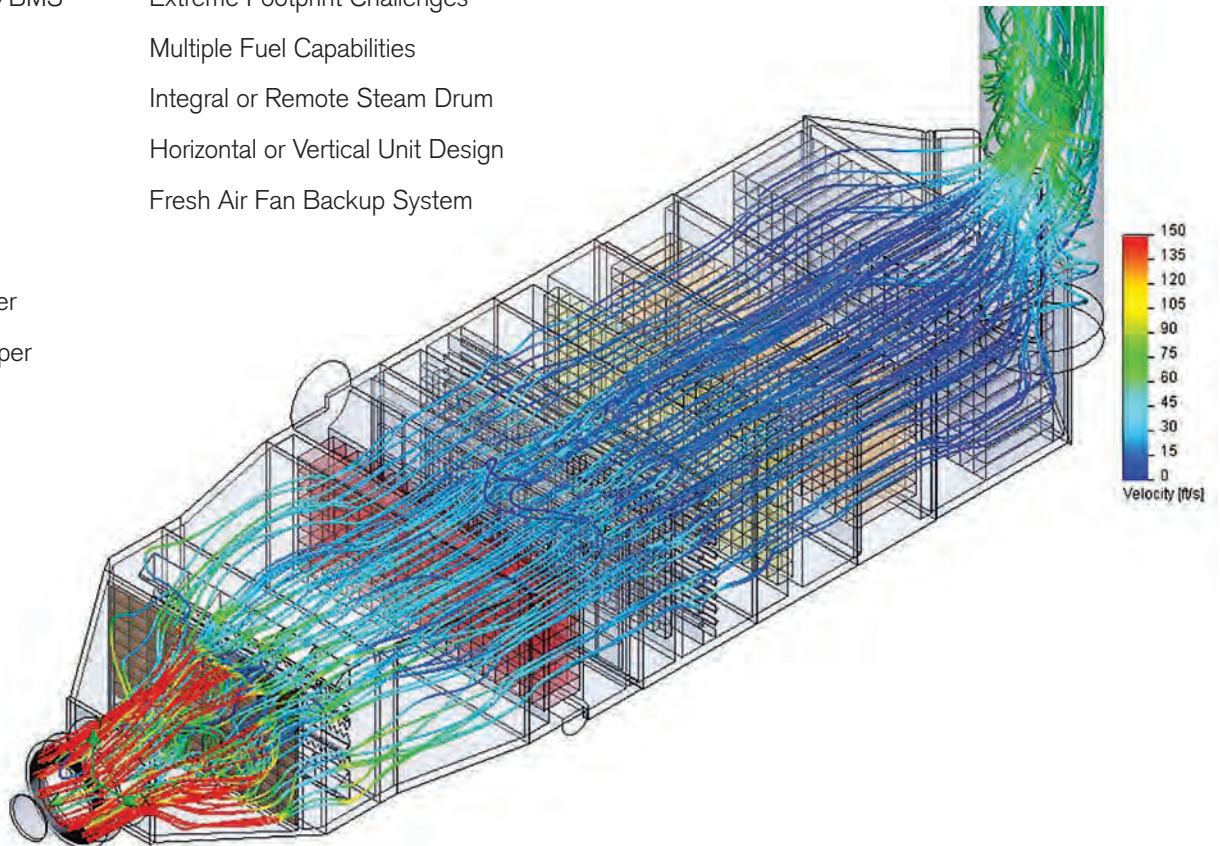
## The Expertise to Integrate Auxiliary Equipment

Today's boilers aren't just boilers. They are heat and power systems integrated with air pollution control equipment and other auxiliary systems to boost performance and efficiency. Hamon Deltak has the experience to engineer and deliver your complete package:



## System Design Options

- |                   |                                    |
|-------------------|------------------------------------|
| Duct Burner w/BMS | Extreme Footprint Challenges       |
| Superheater       | Multiple Fuel Capabilities         |
| Desuperheater     | Integral or Remote Steam Drum      |
| SCR & AIG         | Horizontal or Vertical Unit Design |
| CO Catalyst       | Fresh Air Fan Backup System        |
| Bypass Stack      |                                    |
| Diverter Damper   |                                    |
| Guillotine Damper |                                    |
| Soot Blower       |                                    |



# Choose From Three Product Platforms



Delta Boiler



Dino Boiler



Long Flow Dino Boiler

## CHP Product Lines

**Delta Boilers** come in standard sizes to minimize engineering costs. They are typically considered for small to mid-range applications and can accommodate various flow arrangements for customization in tight indoor applications.

**Dino Boilers** are generally used for mid to large CHP applications, with 25 MW gas turbines usually seen as the largest. The Dino is very versatile because it can incorporate a large variety of auxiliary components as required to meet customer specifications.

**Long Flow Dinosaurs** can be designed for both small and large CHP applications. They are generally used in high fired applications (up to 2800°F) where a waterwall is required. The unit can be configured with two drums (O-Type or D-Type) or three drums (A Type).



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