

Case Study Egg Farm



A free range egg producer based in Scotland has added a third biomass boiler to his egg production system, doubling his heating capacity.

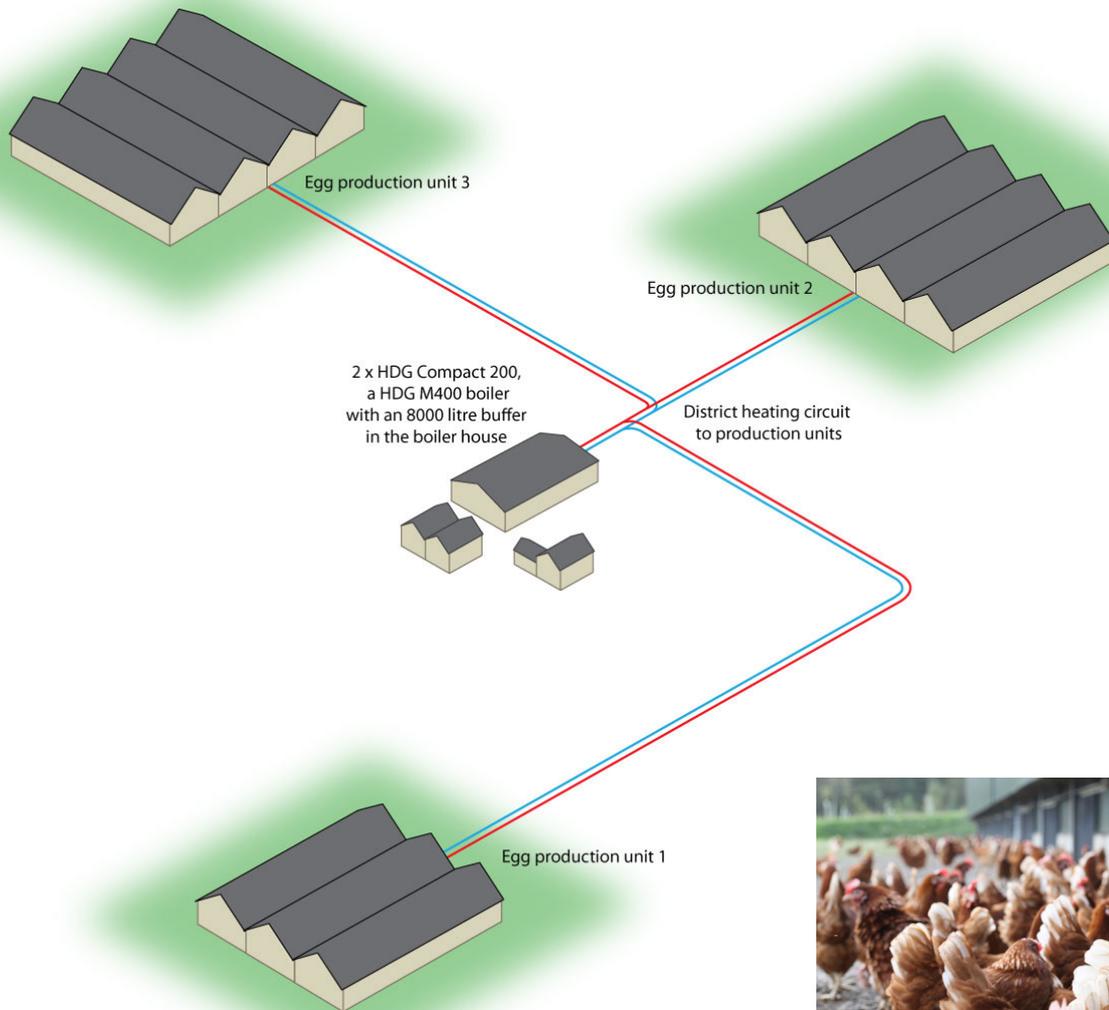
The system with three egg production units, each producing 180,000 eggs per day, was already utilising two HDG Compact 200 boilers and a large district heating circuit to distribute the heat and has now been further augmented with an HDG-Bavaria M400 wood chip boiler.

This extra capacity allows for some dual redundancy in the system for servicing and maintenance and extra heating capacity for a faster response time from

a cold start. The boilers store the heat they produce in an 8,000-litre thermal store, the heat is drawn off as and when the units demand via the piped district heating circuit.

The combined heating system, which is fuelled by wood chips which are produced on site, can output 800kW of heat to keep the free range hens warm and comfortable on the coldest of winter days.





HIGH-VOLUME TECHNOLOGY IN A SMALL FORMAT

Both the 175 - 240kW and the large M300 - 400kW boilers share the same innovative cutting-edge technology available for the first time across the power range from 175 to 400 kW, setting new standards in efficiency, reliability and convenience. Highlights are the fully integrated fine dust filter, the automatic and complete cleaning including the unique lower grate ash removal as well as the combustion chamber geometry developed together with the Fraunhofer Institute for efficiencies of up to 94 percent!



Comfortable heating. With wood!

IN SHORT: THE HDG M175-400 BRINGS THE PROVEN CUTTING-EDGE TECHNOLOGY OF THE MORE POWERFUL HDG M300-400 INTO THE MEDIUM POWER RANGE FOR THE FIRST TIME.



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