



DOUBLE DELIVERY CAPACITY



Pioneering the Future



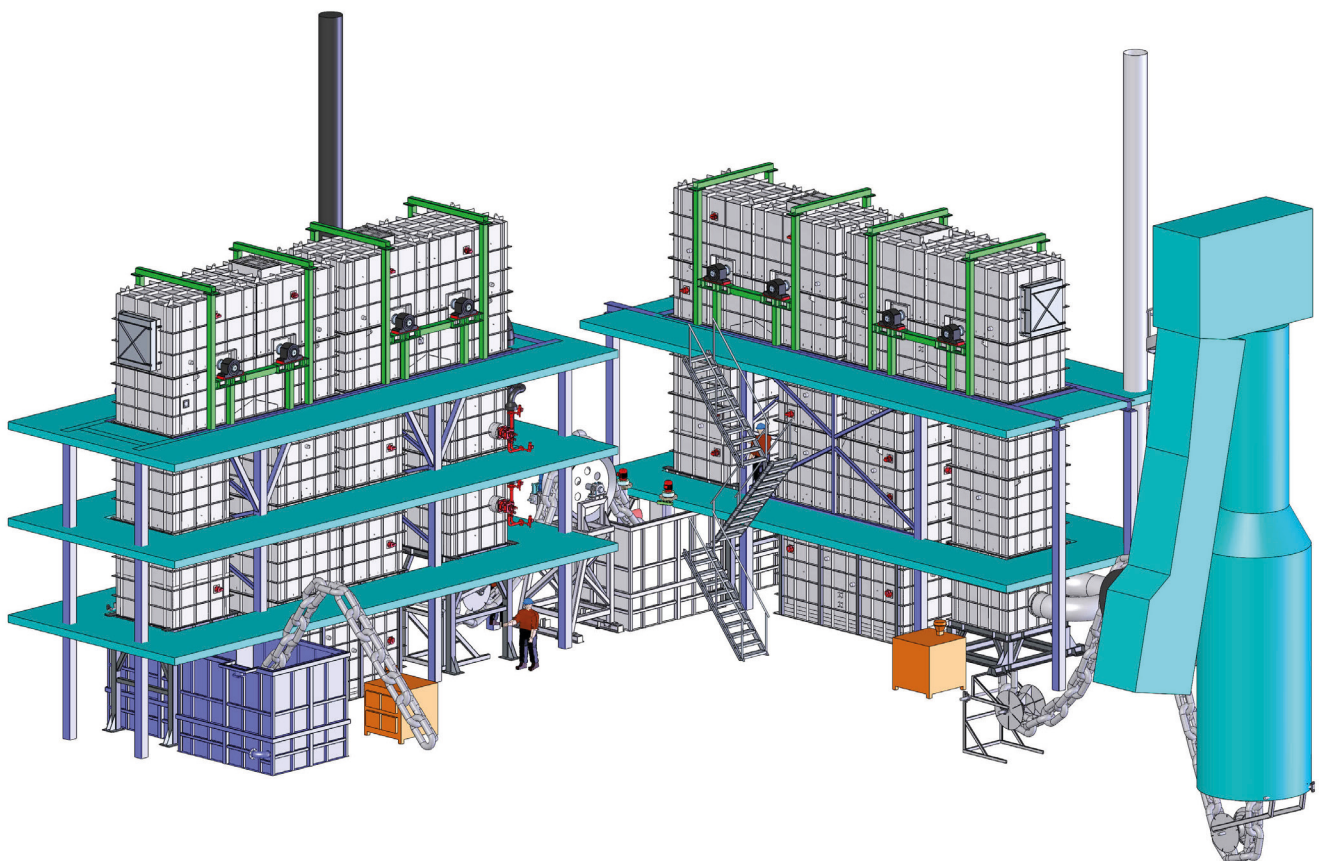
Ramnäs Bruk has pioneered the development of production, chain grades and quality for years and years. Now we are taking our production to entirely new levels with double capacity in 2015 and being totally gas powered by 2016.

Ramnäs Bruk is performing the largest investment since the seventies. This investment results in a number of significant improvements.

Two new furnaces are being constructed and will be installed during autumn 2014. The new furnaces will be the heart of our production process, to further enhance production of top quality chain.

To shorten the delivery time to a minimum, an increased production capacity of mooring chain is needed. With this investment Ramnäs Bruk's capacity will be doubled in 2015, going from 10.000 tons per year, to 20.000 tons per year.

The plan is to become fully powered by gas (LNG, Liquefied Natural Gas) in our heat treatment process. Our existing furnaces will be converted from today's oil to gas.





COOLING WATER AS HEAT SOURCE

Ramnäs Bruk strives to be the green solution for chain making. Therefore several energy-saving actions are taken to reduce Ramnäs Bruk footprint on the environment for the future.

In this major investment of the new furnaces the total scope is even wider, to achieve energy-savings and become totally gas powered (LNG, Liquefied Natural Gas).

A new cooling water system will be used and from this cooling water the excessive heat will be used to heat up the production facilities.

Our new furnaces will be powered by gas, the existing furnaces will be converted to gas as a step two in 2015. Both the CO₂ and the sulphur emissions will be reduced when using gas.

This investment ensures that Ramnäs Bruk remains in the forefront when it comes to producing green chain and providing excellent solutions to our valuable customers.

In short, this investment leads to:

- an improved and even more stabilized production process
- shorter lead time
- double delivery capacity
- possibility to develop future chain grades, as R6
- increased dimensional range for R4S and R5 grades
- energy savings
- reduced CO₂ and sulphur emissions



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