

A close-up, low-angle shot of a laser cutting machine in operation. The machine's head is positioned above a metal sheet, with a bright blue laser beam cutting through it. Sparks are visible at the point of contact. The background is dark and industrial, with a sign that says 'METAL' partially visible.

# INNOVATION *of* LIGHTNESS

COST-EFFICIENCY THROUGH PRODUCT DEVELOPMENT

**H I G H**  
**X**  
**M E T A L**

HIGH METAL PRODUCTION OY

# More than 60 years of research & development

**HAKANIEMEN METALLI OY** has over 60 years of experience in stainless sheet metal. We specialize in designing and manufacturing processing machinery and components for various industries. In the year 2000, a subsidiary specializing in state-of-the-art laser cutting and welding technology, was founded. Through the combination of **HIGH METAL PRODUCTION OY**'s laser technology, the parent company's long manufacturing know-how and competent designing resources, our customers benefit from even lighter and cost-efficient end-products. We offer our customers complete service package, where product development and manufacturing profit from one another.

Hakaniemen Metall Oy focuses on comprehensive manufacturing of stainless steel structures and products, while High Metal Production Oy's specializes in product development and utilization of advanced laser technology in manufacturing the products.

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## More economical and longer lasting product

The purpose of product development is to ensure that the company can continuously offer its customers a competitive product range. By utilizing modular sheet metal structures, the weight of the product can be reduced up to 70% from the original, without downgrading its features. Less material leads to smaller costs in manufacturing, shipping and assembly phases. The products can be designed to be more user-friendly and for easier maintenance, because there are fewer components involved. In addition, the appearance of the product becomes more stylish.

## Design and production in the same place

The added value for the customers of Hakaniemen Metall Oy and High Metal Production Oy is gained through the complete service package the companies offer. Having innovating, designing, prototyping and serial production all in one company makes it easier for the customer to have their new or renewed product quickly and cost-efficiently in the markets. What is more, the customer saves time, money and resources in the process.

Thanks to modular structures, the products can be bundled into small space and are easier to assemble and disassemble.

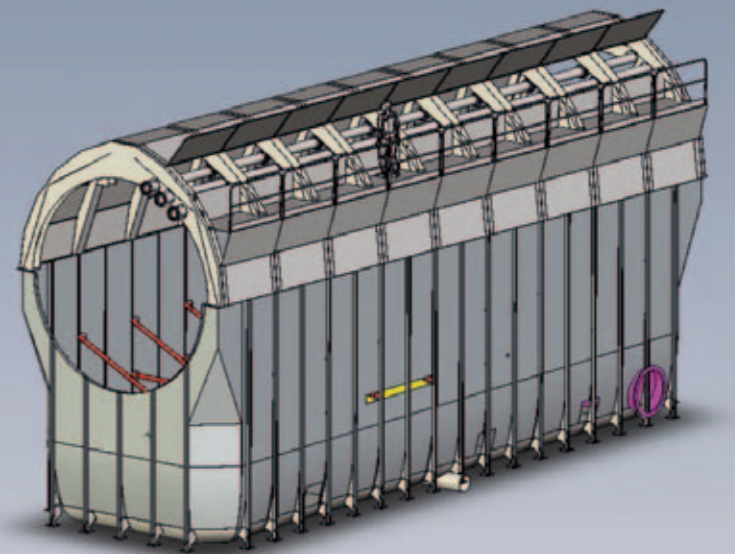
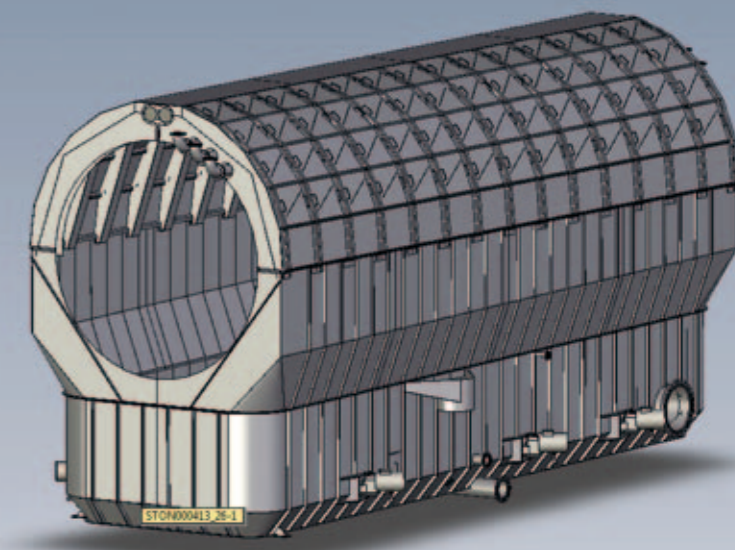


## Direct advantages gained through product development

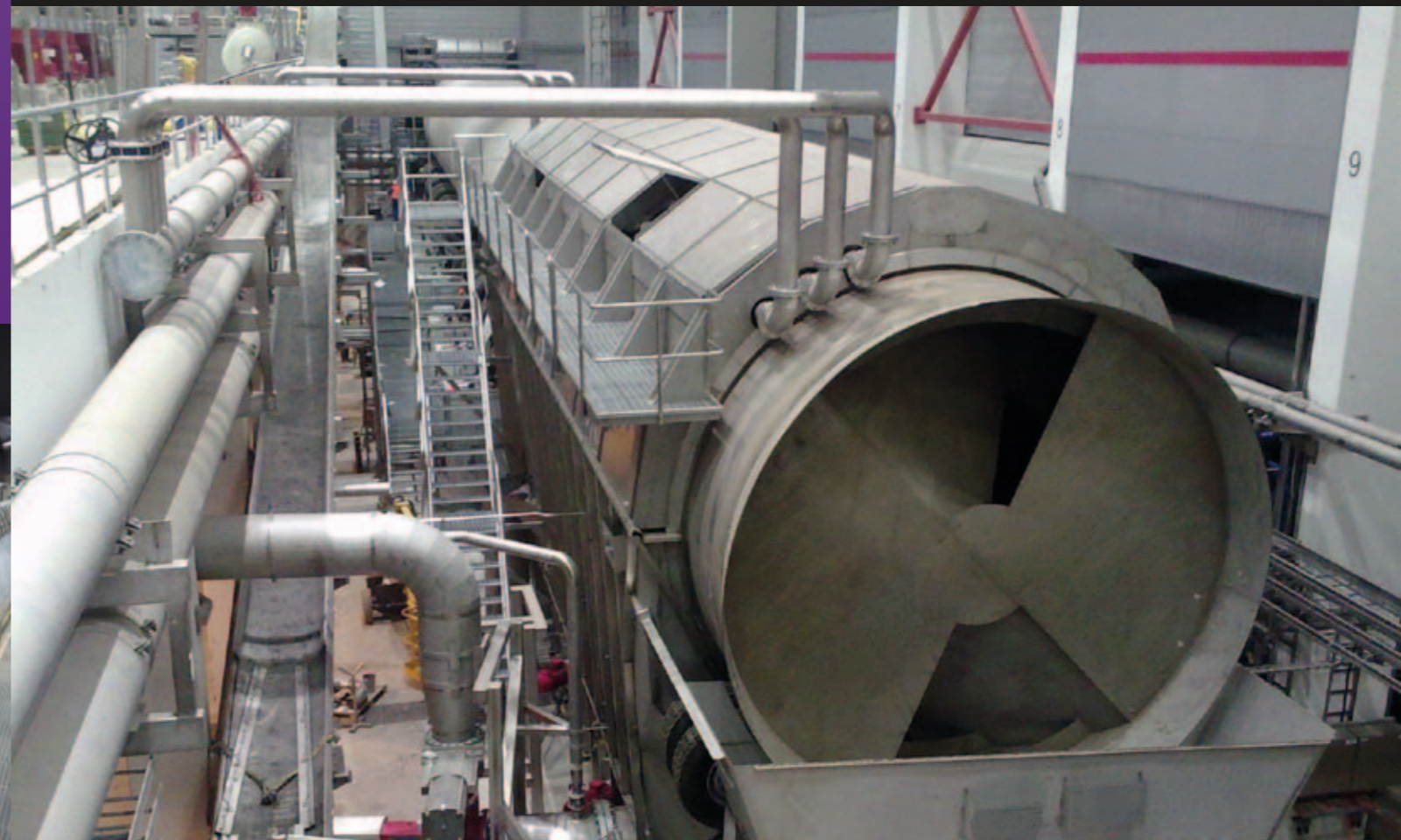
- quicker production and assembly
- more user-friendly product
- easier maintenance
- less components
- increased usage potential
- better appearance
- less material
- more economical shipping
- more durability and rigidity
- less product labels

## Eco-friendliness

With a new and improved design products become longer lasting and more ecological; even completely recyclable. Savings are also generated through lesser need for energy during production, transportation and usage.



Weight before: 32tn. Modular sheet metal structure cut the weight 57%. **Weight after: 18tn.**



## Want to know more about product development?

You can find more our clients' success stories and you can test  
the cost effectiveness and refund time of product development at  
[WWW.HIGHMETAL.FI](http://WWW.HIGHMETAL.FI)



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