



SUSTAINABLE SUCCESS

- by overall optimization

A unique product development service



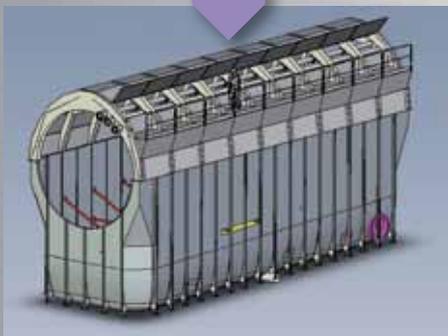
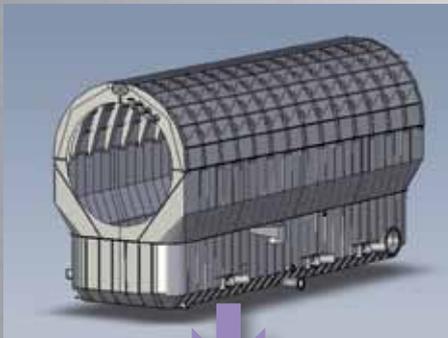
Simpler • Lighter • Quicker • Longer-lasting

We offer You our unique development service to thoroughly optimize Your product structures. The product structures become simpler, radically lighter and still longer lasting. Your production is streamlined and gets up to 50 % quicker.

You will get heavy savings in all the product phases: materials, production, logistics and assembly.

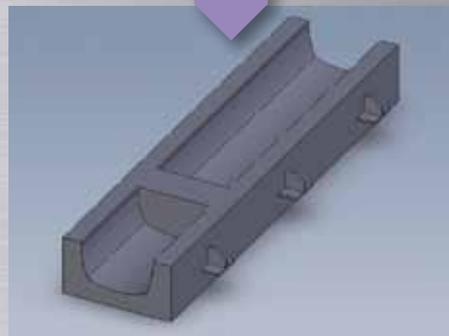
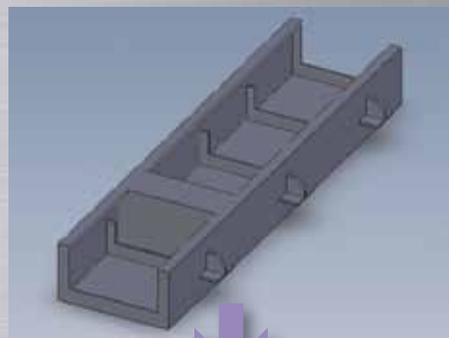
This is possible since our highly skilled designers are former sheet metal workers. Utilizing our long-term production competence, we can offer You top class product development services and perfectly working product solutions.

Overall optimized Drum Pulper saves up to 60% in production phases.



Savings	time/money
Materials	- 57 %
Cutting	- 55 %
Edging	- 20 %
Welding	- 95 %
Machining	- 90 %
Painting	- 0 %
Packaging	- 40 %
Transportation	- 50 %
Assembly	- 40 %

Overall optimized engine chassis requires 72% less in materials.



Savings	time/money
Materials	- 72 %
Cutting	- 60 %
Edging	- 65 %
Welding	- 68 %
Machining	- 90 %
Painting	- 40 %
Packaging	- 10 %
Transportation	- 60 %
Assembly	- 20 %

Sheet metal structured 900 m³ basin and hood

Structure optimized with FEM-calculation

Savings in materials 14 300 kg

New sheet metal structured chassis

More durable and endures more vibration

Savings in materials 13 500 kg



Simpler

Simple and concise structures benefit our customers in every production phase. The structures are user-friendly, easy to maintain and have fewer components. Modular construction facilitates tailoring, production, logistics and assembly. Production is enhanced crucially.

Lighter

Sheet metal structures are very light but still very durable. Laser welding enables even thinner plates and novel structures become possible. Competent design can reduce the required components and materials by 50%.

Quicker

After our product development service has optimized the product structure, every one of Your production phases will become quicker. Savings are generated in cutting, edging, welding, packaging, shipping and maintenance.

Longer-lasting

Overall optimized structure is more durable, stiffer and endures more vibration. In addition to significant savings You will get a better product.

AS OUR CUSTOMER, YOU MAY CHOOSE THE RIGHT PACKAGE FOR YOU:

High Tech – We design and manufacture the product for You using the latest possible production methods, in turnkey service.

Semi Tech – We design an overall optimized solution for You. You can manufacture locally the simplest components, we will take care of the most critical ones for You.

Local Tech – We design an overall optimized solution using our product development services. Manufacturing is carried out locally according to our instructions at the site chosen by You.

Environmentally Friendly

Products designed by High Metal are up to 100% recyclable. They consume less energy in manufacturing, usage and shipping.

Only sustainable and environmentally friendly solutions will prosper in the long run.

Sustainable Success.

HIGH METAL

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High Metal Production Oy specializes in developing steel structured products and solutions. We develop and manufacture products for various industries with over 60 years' experience. Our product development service is unique thanks to our long term manufacturing competence. We view product structures as a whole, which can be optimized to the finest detail in order to ensure the most efficient manufacturing process.

We operate in Vantaa in the capital area of Finland. The parent company Hakaniemen Metallit Oy specializes in sheet metal production. High Metal Production is its subsidiary specializing in product development.

We always aim at a thorough partnership with our customers.

First class service is where it all begins.



At Your service: +358-9-278 6040, development@highmetal.fi

Calculate Your overall savings with our calculator at www.highmetal.fi