

klaas kuiken

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eps
collection



the new extended EPS COLLECTION



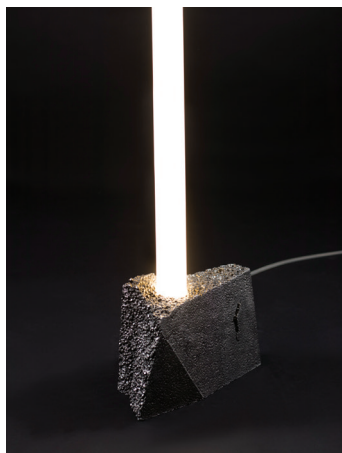
Lost Foam Technique

While visiting the factory of Lovink Technocast, Klaas Kuiken got fascinated by an iron casting technique called lost-foam casting (LFC). This technique is often used for the production of engine parts, and therefore remains completely invisible for most of the time.

Klaas wondered: *"Would it be possible to use LFC to create accessible and visually interesting products outside an industrial setting?"*. And the answer is yes! We proudly present the **EPS Collection**: an intriguing collection consisting of **wood stoves, a table, chairs and a lamp**, all made at Lovink Technocast using the lost-foam casting technique.

The process

First, Klaas made different designs and moulds out of polystyrene foam (styrofoam) which were placed in a sand-filled container. Then, hot cast iron was poured into the container making the foam melt because of the incredible heat and the cast iron takes its place entirely. The result is an exact copy of the polystyrene foam design, casted in one piece and still showing all the beautiful characteristics of the foam mould used.



**EPS
LIGHT**
casted iron
different color options



**EPS
TABLE**
casted iron
different wood options
different size options
height 760 mm



**EPS
CHAIR**
casted iron
wood / forbo
different color options
445 x 480 X 820 mm



**ROUND
CUT-OUT
STOVE**
casted iron
different color options
10.6 kW
CE & NEN EN 13240
Smoke Exhaust: back or above
510 x 600 x 720 mm



**SQUARE
HAND-PEELED
STOVE**
casted iron
different color options
7.2 kW
CE & NEN EN 13240
Smoke Exhaust: back or above
555 x 380 x 700 mm



**ROUND
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Klaas kuiken Product Design

Klaas Kuiken's products and designs arise from a fascination with the creative process and its influence on the final result. Even though Klaas is clearly a product designer, when busy in his workshop he's more like a skilled craftsman and curious inventor. It will come of no surprise that the Discovery Channel TV show *'How it's made'* is one of Klaas' biggest sources of inspiration. This program sparked a fascination for mass production and the question *'what is the influence of mass production in relation to the identity of products?'* became a central theme in his work.

Is it possible to use the production process of bulk products for the creation of deviating products as well? To what extent is the identity of a product influenced or determined by its manufacturing process?

Klaas is really interested in new materials and innovative manufacturing methods. Therefore, he regularly collaborates with initiators, co-designers and factories with cutting-edge products as a result. Are you looking for a collaboration with Klaas Kuiken? Please contact us!



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