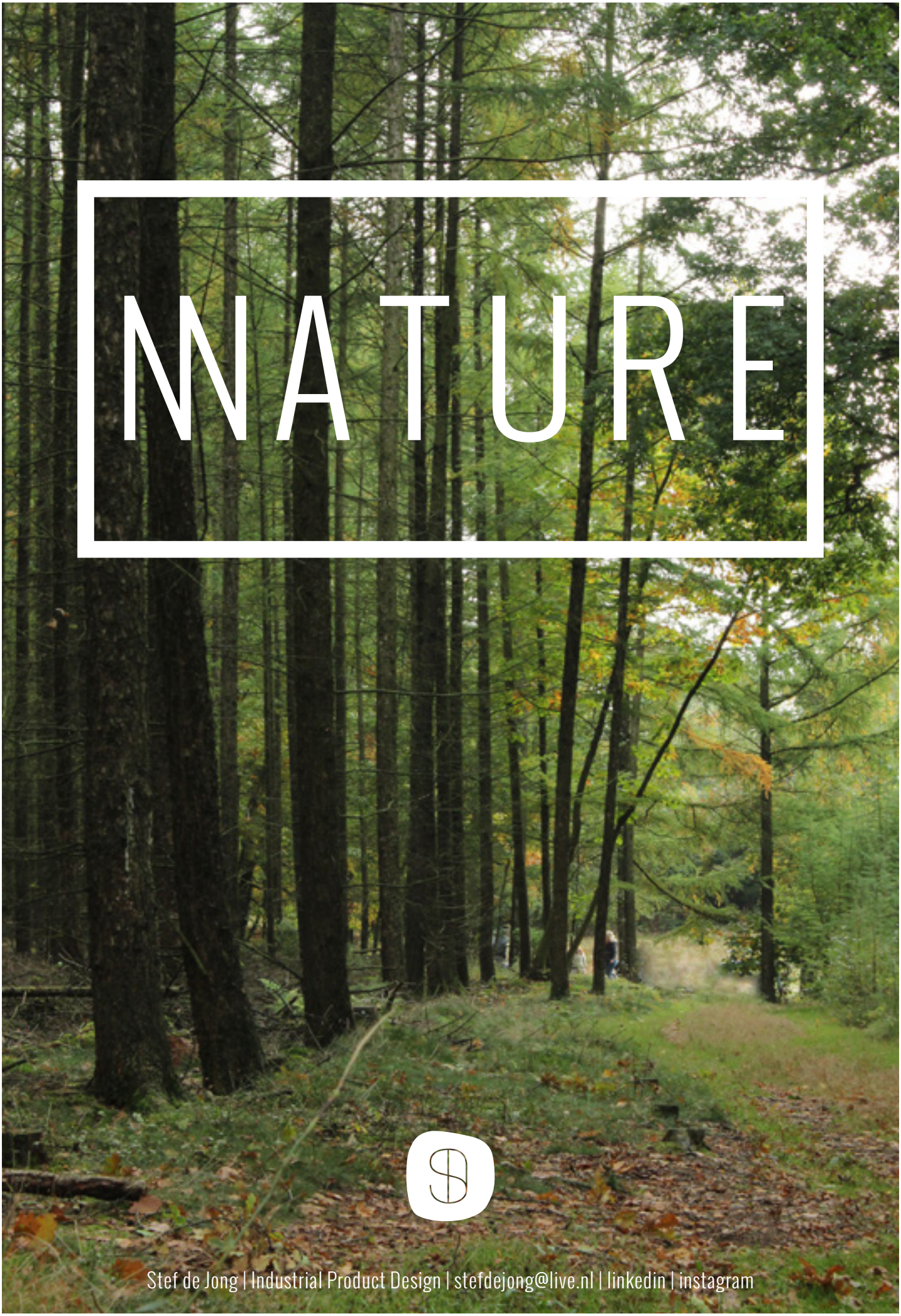


Stef de Jong | Industrial Product Design | stefdejong@live.nl | linkedin | instagram

Mature

In front of you lies the portfolio of Stef de Jong, A young designer with an affection for innovative and modern products, both interior- as consumer products. With a lot of motivation he shows an innovative and fresh look. Orders are dealt with both hands and a professional approach. Stef is convinced that a person only can function if he or she is completely him- or herself. Also if this means that this person "different" is. This difference is in his opinion interesting, mainly because of growing of new ideas.

In this portfolio a part of his work from the last one and a half year is shown. There can be seen an increase in his abilities who he has developed during his training at Industrial Product Design. One of his biggest goals is to improve his abilities in Computer Programs like Photoshop, Illustrator and Solidworks. He has linked his development to the name "Mature" (méy•cher), with a wink to his love for nature en tranquility.

The only limit is your own imagionation..

HAN University of Applied Sciences

Stef started his training Automotive at the HAN University of Applied Sciences in Arnhem after passing his High School. Het started his training at Industrial Product Design after completing his first year at Automotive. He also achieved his propeadeutic at this training.

He started his first internshipship in the second year of his training, about which will be told later. After completing his internship, he attended classes tot complete his second year. He is now in the third year, in which he's going to do a second, deepening internship.

Hogeschool van Arnhem en Nijmegen
HAN University of Applied Sciences

Internship at Ulamo in Ulft

For his 6 month internship, Stef chose to do his internship at Ulamo in Ulft. This company is engaged in the design, develop and manufacture of radiator enclosures. In addition, the company engages in powder coating.

Stef has worked in the R&D department and is engaged in multiple jobs. His main task was to work out an idea sketch to a final design. His second task was to convert Solid XT Files of parts to Sheet Metal Files in SolidWorks. He also designed a lacquer rack for tiny parts who had to be painted.

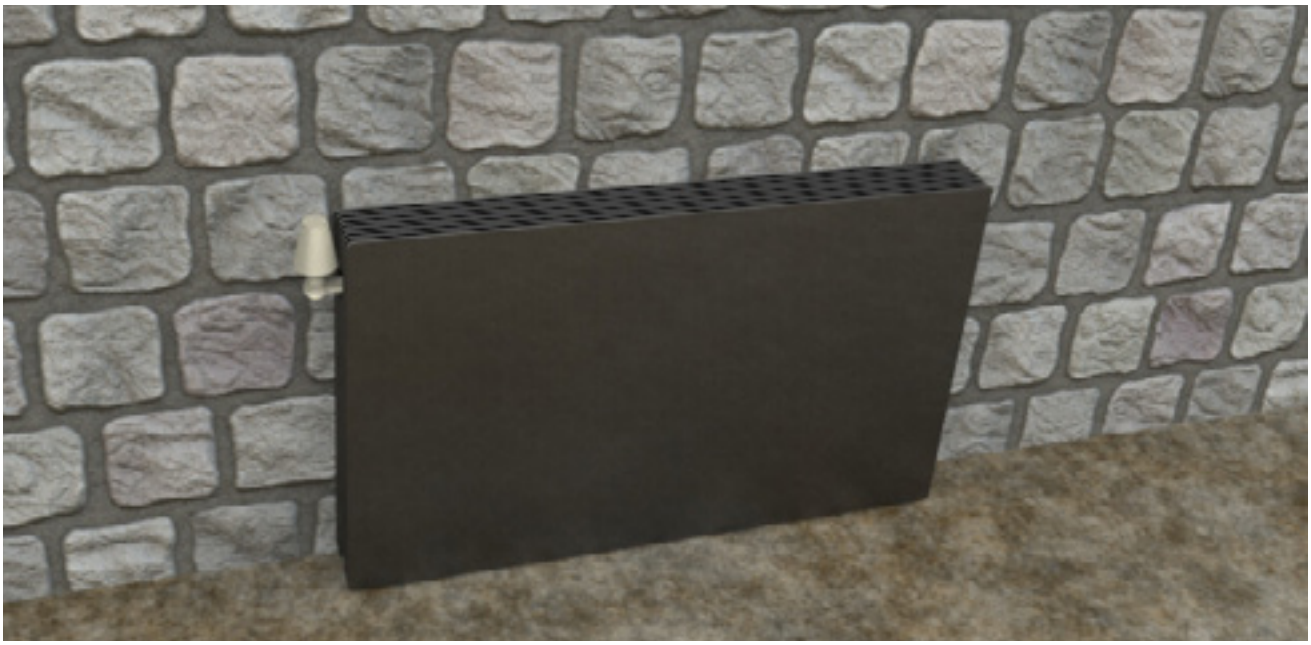

ulamo

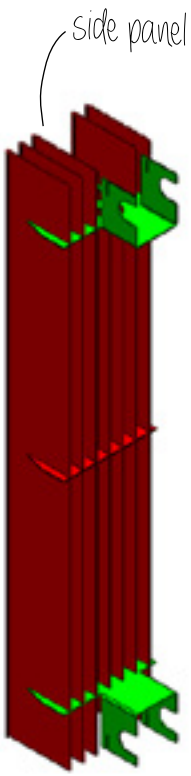
Main Task

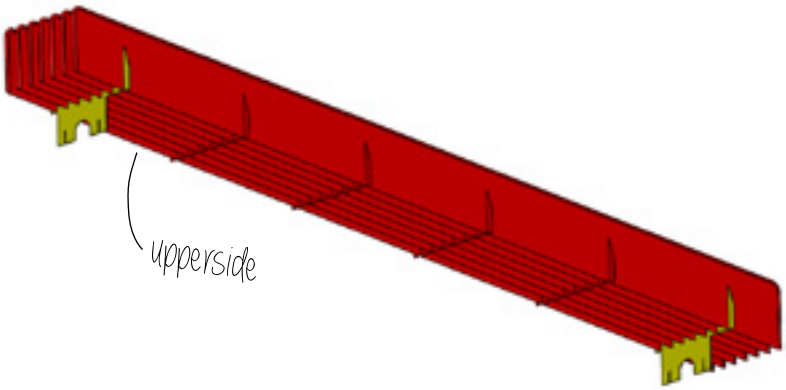
The main task was to develop an idea for a new type of radiator enclosure. This design consisted several series-mounted plates. The end result was a producible concept, and a requirement at the designing process was to make use of the own machinery. A second requirement was to make use of excisting, already-produced parts as much as possible. The final requirement was to produce as sustainable as possible and thus minimize material waste.

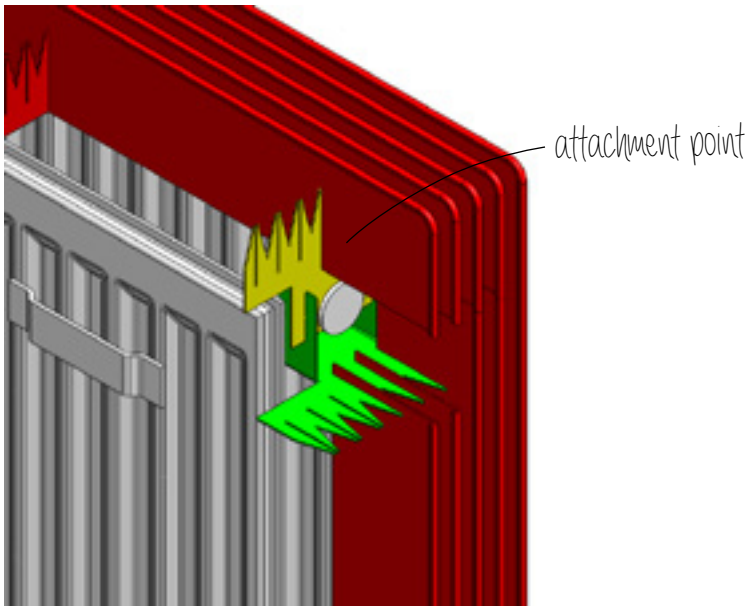
Side Tasks

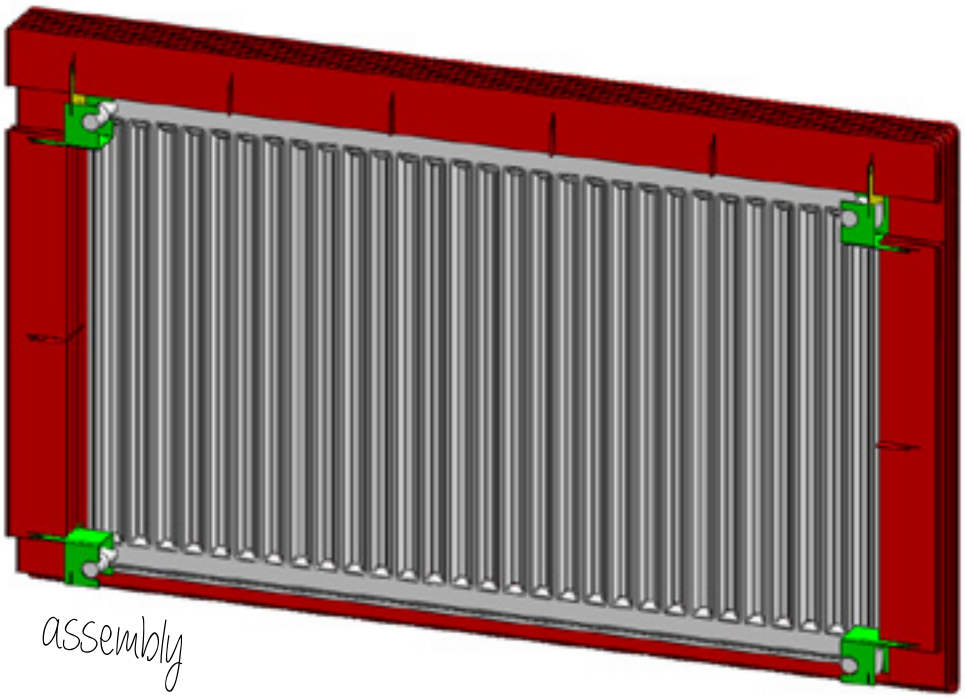
Beside his Main Task, Stef also worked on several smaller tasks. One of this tasks was to convert Solid XT Files of excisting radiator parts to Sheet Metal Files in Solidworks. In addition, he worked on a design of a lacquer rack for tiny parts who had to be painted. For both tasks he had to make dimensional drawings, because the parts would actually go into production. For this were high level dimensioned drawings required, as is customary in this business. More images can be seen on the next pages.



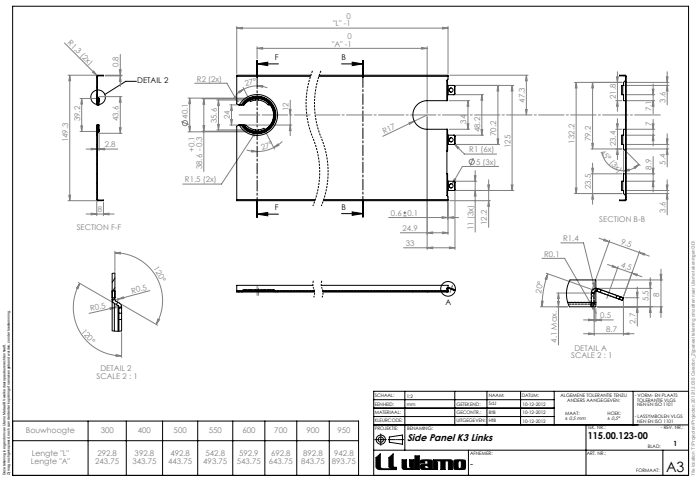






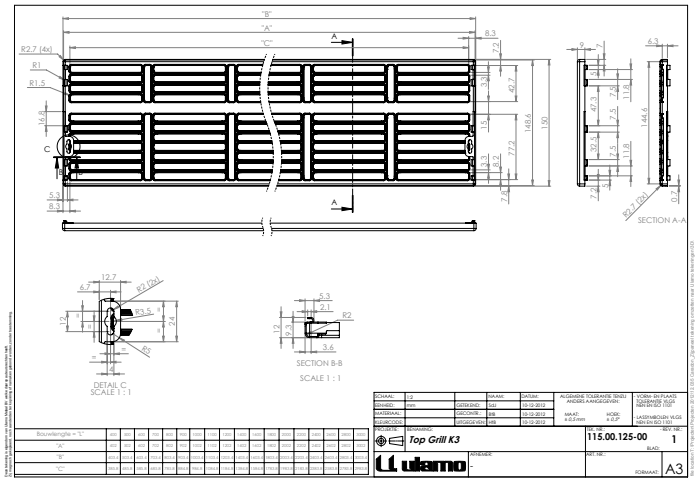


assembly



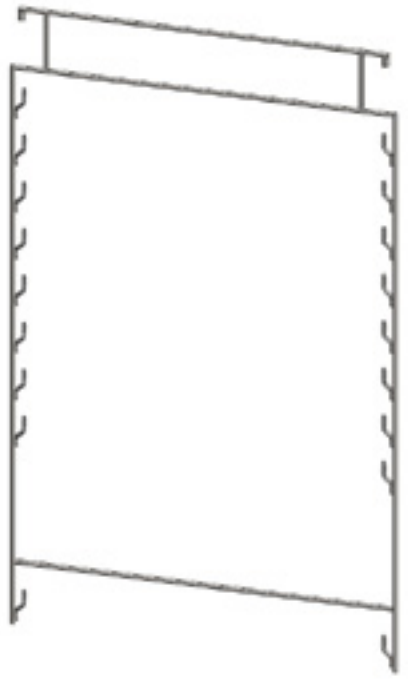
Bouwhoogte	300	400	500	550	600	700	900	950
Lengte "L"	292.8	392.8	492.8	542.8	592.9	692.8	892.8	942.8
Lengte "A"	243.75	343.75	443.75	493.75	543.75	643.75	843.75	893.75

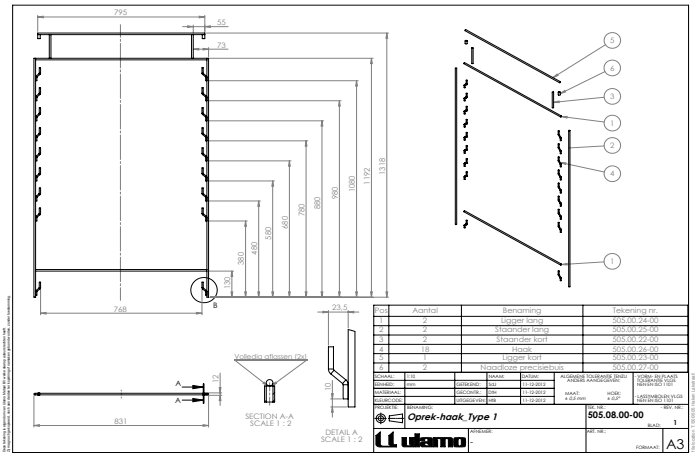
SCHAAL:	1:2
EENHEID:	mm
MATERIAAL:	
EUJRC CODE:	
GETEKEND:	542
GECONTR.:	BIB
GYGECKEVEN:	MB
DATUM:	10-12-2012
	10-12-2012
	10-12-2012
ALGEMENE TOLERANTIE TEKEN2 ANDERS AANGEGEVEN:	
MAAT: ± 0.5 mm	HOEK: ± 0.5°
VORM- EN PLAATS TOLERANTIE VOLGENS NEN EN ISO 1101	
LASSYMBOLEN VLGS NEN EN ISO 2553	
PROJECTIE:	BENAMING: Side Panel K3 Links
	TYPENUMMER:
	REV. NR.: 115.00.123-00
	BLAD: 1
	ART. NR.:
udamo	FORMAAT: A3



Bouwlengte = "L"	292.8	392.8	492.8	542.8	592.9	692.8	892.8	942.8
"A"	243.75	343.75	443.75	493.75	543.75	643.75	843.75	893.75
"B"	344.8	444.8	544.8	594.8	644.8	744.8	944.8	994.8
"C"	294.8	394.8	494.8	544.8	594.8	694.8	894.8	944.8

SCHAAL:	1:2
EENHEID:	mm
MATERIAAL:	
EUJRC CODE:	
GETEKEND:	542
GECONTR.:	BIB
GYGECKEVEN:	MB
DATUM:	10-12-2012
	10-12-2012
	10-12-2012
ALGEMENE TOLERANTIE TEKEN2 ANDERS AANGEGEVEN:	
MAAT: ± 0.5 mm	HOEK: ± 0.5°
VORM- EN PLAATS TOLERANTIE VOLGENS NEN EN ISO 1101	
LASSYMBOLEN VLGS NEN EN ISO 2553	
PROJECTIE:	BENAMING: Top Grill K3
	TYPENUMMER:
	REV. NR.: 115.00.125-00
	BLAD: 1
	ART. NR.:
udamo	FORMAAT: A3





Pos	Aantal	Benaming	Tekening nr.
1	2	Ligger lang	505.00.24-00
2	2	Staander lang	505.00.25-00
3	2	Staander kort	505.00.22-00
4	18	Haak	505.00.26-00
5	1	Ligger kort	505.00.23-00
6	2	Naadloze precisiebuis	505.00.27-00

SCHAAL:	1:10
EENHEID:	mm
MATERIAAL:	
EUJRC CODE:	
GETEKEND:	542
GECONTR.:	DM
GYGECKEVEN:	MB
DATUM:	11-12-2012
	11-12-2012
	11-12-2012
ALGEMENE TOLERANTIE TEKEN2 ANDERS AANGEGEVEN:	
MAAT: ± 0.5 mm	HOEK: ± 0.5°
VORM- EN PLAATS TOLERANTIE VOLGENS NEN EN ISO 1101	
LASSYMBOLEN VLGS NEN EN ISO 2553	
PROJECTIE:	BENAMING: Oprek-haak_Type 1
	TYPENUMMER:
	REV. NR.: 505.08.00-00
	BLAD: 1
	ART. NR.:
udamo	FORMAAT: A3

Schoolprojecten

Stef is on his training quarterly working on a design task. Hereby will be focused on different learning objectives Some of this learning objectives are “Production oriented design”, “target oriented design”, “cost oriented design” and “innovative design”.

For the project “Jack in a Box” Stef has developed the learning objective production oriented design. For the project “Child Kart” he has developed the learning objective target oriented design, where is looked at at the wishes of children. At the design of the helping tool for carpet tile positioners he has developed the learning objectives target oriented design and cost oriented design. For the project of the bicycle lamp he has mainly worked on innovative design. All these learning objectives were developed, in addition to the basic learning objectives cooperating and developing.

For the project “Jack in a Box” there had to be made a design of the toy on which account has been taken of injection moldability. In this toy there’s a mechanism which gives feedback on the child. This mechanism should be mounted without screws or glue. The toy had to excist only injection moldable parts and the mechanism had to fall into a sort of groove or click system

Afb. X: Render ontworpen kinderspeelgoed

Afb. X: Model van de ontworpen skelter

Afb. X: Render van het hulpmiddel voor tapijttegelleggers

Stef also worked on a child kart for little children. Here were the wishes of the target group the most important and account had to be taken of their wishes. To know these wishes, a target group analysis has been done.

In his second school year Stef worked on a helping tool for carpet tile positioners. These workers are prone to their backs and for this reason there has to be a solution in the form of a tool. Since the acceptance of the audience is not very high, so account had to be taken of this target group. The cost were very important because it should not exceed the cost of absenteeism.

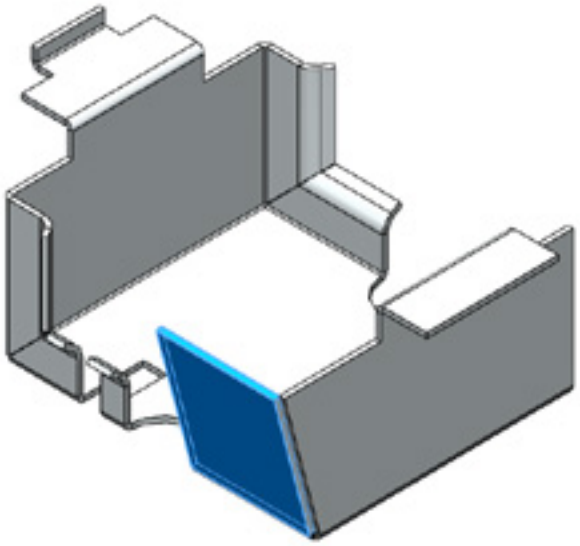
Afb. X: Render van het ontworpen fietslampje

Finally Stef has been working on a new model bike light for an existing bikes line of Dutch largest bicyle company. At this project, it was very important to focus on manufacturability. Because it was a new line of bikes, it was also very important to come out with an innovative design. This had to fit into the style of the bike line.

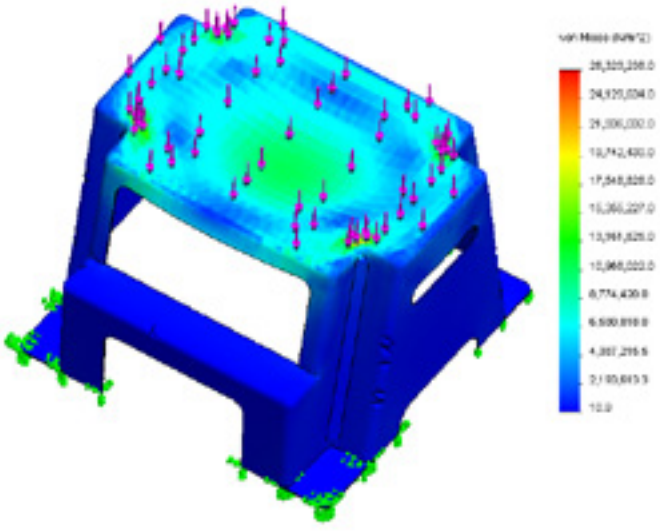
Stef made his first experiences with SolidWorks on in his training Automotive. At this training there was focused on usage oriented design. For this, he worked a lot with force calculations and tolerances.

In his current training Industrial Product Design there is focused on production oriented designing. For this, he looked a lot at material properties and production.

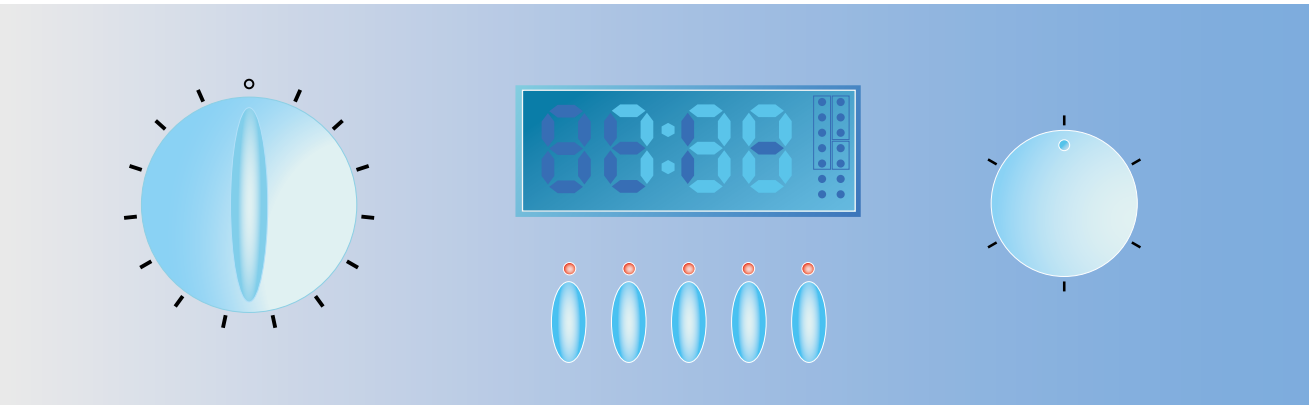
The features in SolidWorks that he has developed are the basic modeling features, Sheet Metal, Surface Modelling and force calculations.



Besides SolidWorks he also has experience in rendering his models in SolidWorks and Keyshot, as seen in some images. He has also worked in the third year of his training with the 3D-program Solid Thinking.



SOLIDTHINKING CAMERA

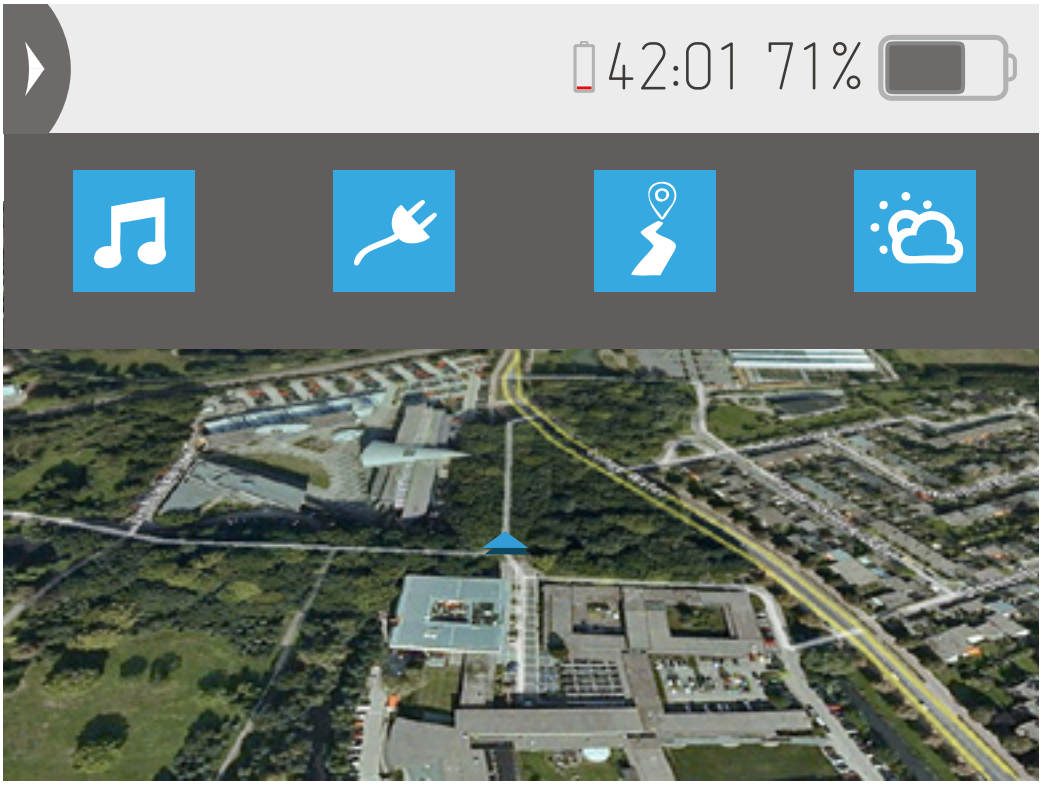


Stef created soms assignments in Illustrator during his training Industrial Product Design. One of the first assignments was to create a simple layout for a washing machine panel. Also making a simple poster was part of the commands.

In the third year, he designed an app layout for an electric golf cart, named The Mantys. Here was the intention to design a layout that was both usefull as clearly.

In addition to assignments for school, he also designed a baby card, commissioned by prospective parents. This design was thereafter used to print the actual baby card.

Finally, he also used Illustrator to design his first portfolio. This portfolio is viewable online as full version. Because the design in Illustrator pleased him so well, he chose to also design his second and improved portfolio in Illustrator. To keep the overview over the pages he has chosen to use InDesign, because he finds that this program is very similar to Illustrator.



Home | Ontwikkeling | Ambitie | CV | Contact | Links

Portfolio Stef de Jong

Welkom op dit portfolio. U kunt hier informatie vinden, verdeeld onder verschillende onderwerpen welke bovenaan deze pagina te vinden zijn. Allereerst zijn mijn ontwikkelingen als student te lezen, gevolgd door mijn ambitie. Vervolgens staat er onder het kopje "CV" mijn Curriculum Vitae beschreven. Tot slot kunt u lezen op welke manier u in contact kunt komen met mij en nog een paar links betreffende mijn opleidingen en ervaringen.

About me

Naam: Stef de Jong
Leeftijd: 19 jaar
Woonplaats: Duiven

Stef de Jong is een beginnend ontwerper met een affectie voor innovatieve en moderne producten, zowel interieur- als consumentenproducten. Met veel motivatie toont hij een innovatieve en vernieuwende blik. Opdrachten worden met beide handen aangepakt en professioneel benaderd. Lees meer ▸

Ervaringen met programma's

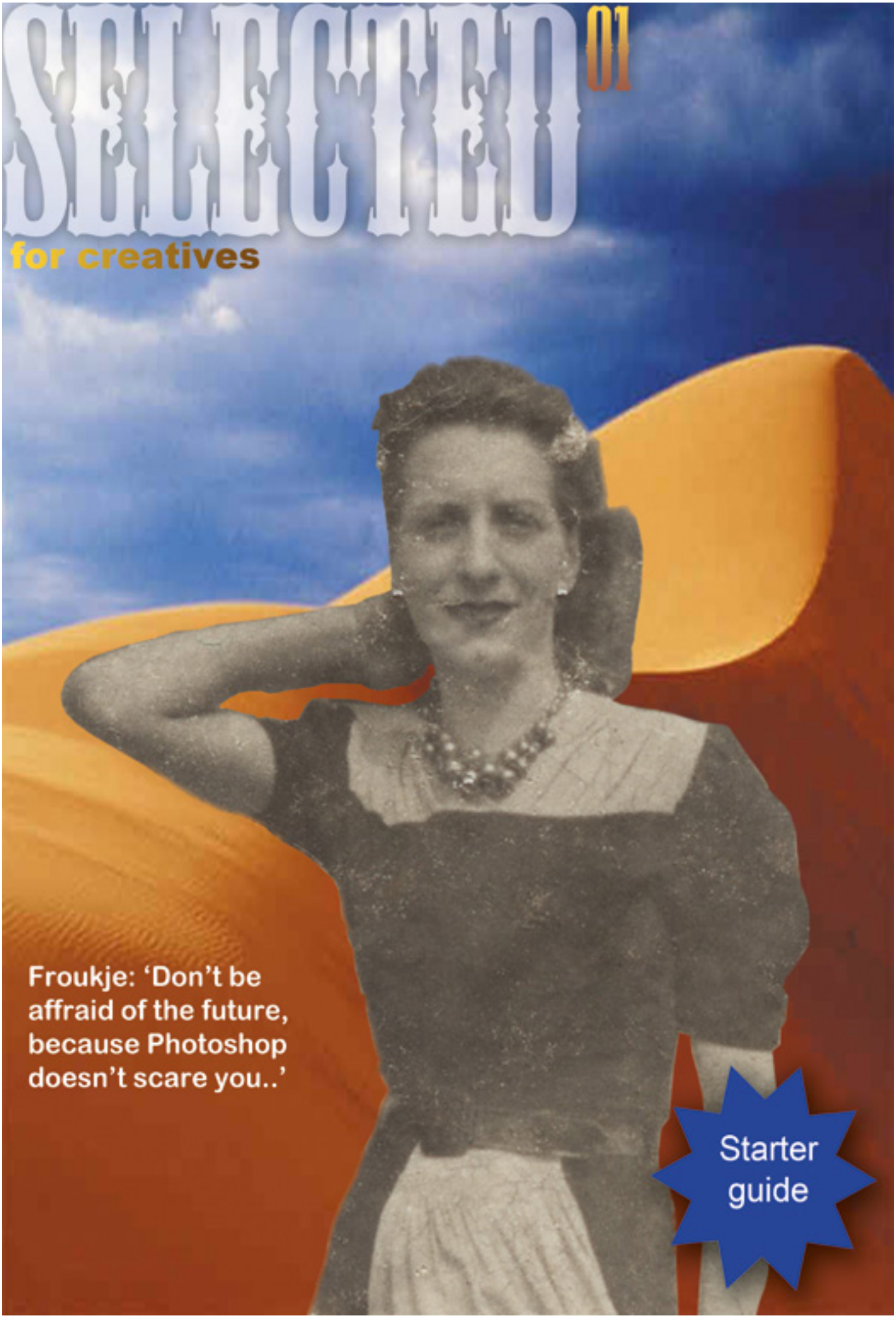
Photoshop

Illustrator

Microsoft Word, Powerpoint & Excel

SELECTED 01

for creatives



Froukje: 'Don't be affraid of the future, because Photoshop doesn't scare you..'

Starter guide

Beside Illustrator Stef made also a few assigments in Photoshop in the first year of his training. One of the first tasks which Stef has worked on in Photoshop was making a cover of any magazine. This is shown in the illustration. In addition, he has worked on various deepening assignments in his third year, like a Power Tool and radio as shown below. Hereby there has been took a closer look at the features of Photoshop.

Stef has a clear ambition, namely to develop his skills in his favorite computer programs. With this he hopes to find a suitable position in business consistent with his training, skills and aspects he loves. In the portfolio he made at the beginning of his training Industrial Product Design, he says the following about his ambitions: *"The ambition who has become increasingly clear in recent years is the ambition of purposefulness. Merely by establishing clear and achievable goals can be take further steps. I find it important that commitment is shown and there won't be shown inactivity. I find it important that commitment is shown and there won't be shown inactivity. This creates naturally results, which again leads to motivation. Motivation is also one of the main pillars to achieve goals. By showing what someone does love and passion, someone will get further. Hereby it is very important to be innovative, and accept challenges which are be created by themself. At this being innovative, it is important to see all the aspects who concern the objective, and be receptive to innovations."*

1 *Places*

2 *Objects*