

VANBERLO

Founded: 1982

Employees: >80

Awards: 150 and counting

Projects: Over 5.000 created worldwide

> VanBerlo Approach

Grow

Value creation, value communication and value capture are at the core of innovation. It's what we help our clients create, improve and contemplate.

We join up with our partners to build reliable bridges between human needs and desires, opportunities and sustainable business.

Empathise

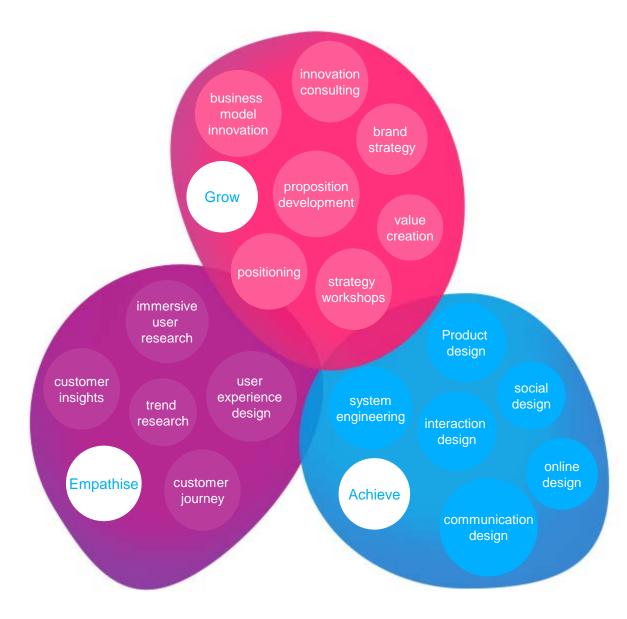
We feel that design is equal to understanding human needs and behaviour. It's our starting point in all we do.

Achieve

Complex challenges? Love them! We dare to show you our solutions, and bring them into reality.

WORX 15

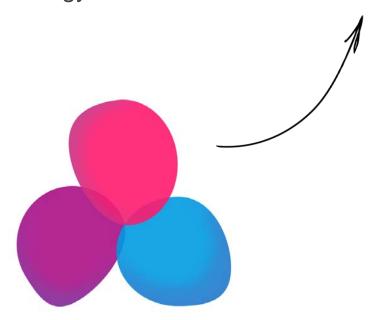
> VanBerlo Approach





> Grow Knowing the customer

Everything starts with a thorough understanding of the business aspects. What, in essence, is the story of an organisation and its brands? In what does the organisation excel, and what commercial opportunities are generated by that? When those questions have clearly been answered, VanBerlo's design strategists align proposition and strategy.



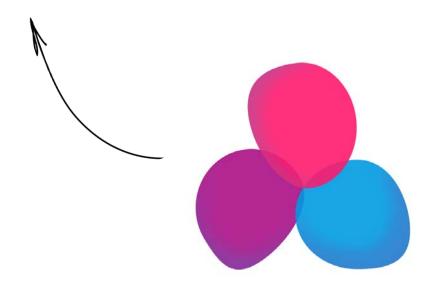




> Empathise Understanding the user

What drives the end user? What role fulfils a product or service in his or her life, and at what moment? What enthuses the end user, what scares him off?

Design research provides answers and insights. VanBerlo translates them into better products or services, tailored to the end users' needs and desires.

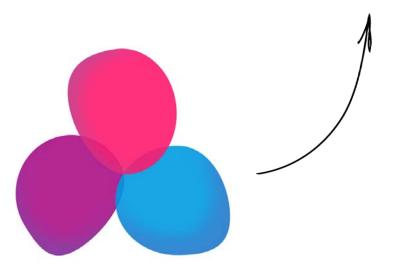


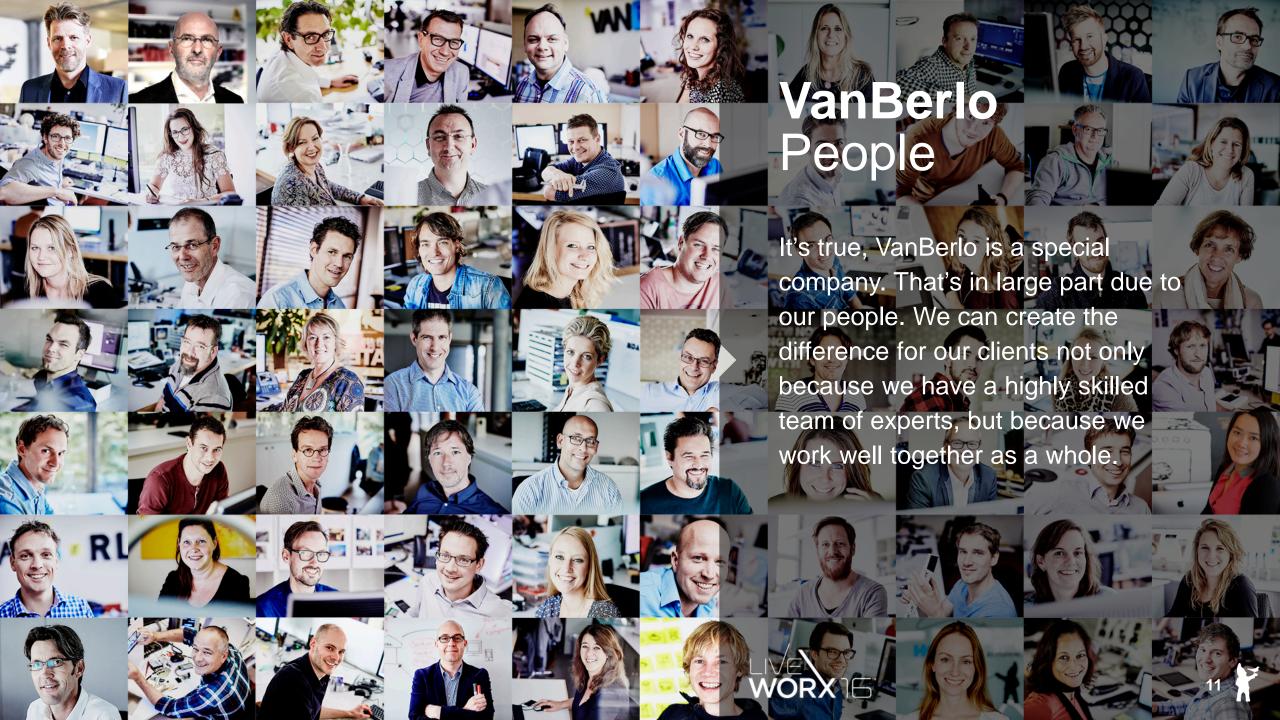




> Achieve Serving the market

Even the best products or services will not sell themselves, even the smartest strategy is bound to fail if the implementation is inadequate. The execution phase is crucial – but nowadays, quite complex as well. It starts with engineering, but never ends there. Packaging, pricing, service, online presentation, marketing and PR: each link in the chain has to be strong. That requires craftsmanship. VanBerlo's specialists keep an overview and take the lead.



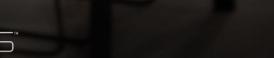




Professional Promesso

The next level coffee experience

The collaboration between design agency VanBerlo and Jacobs Douwe Egberts has produced a whole new kind of coffee machine: the Professional Promesso. Promesso holds a rich coffee experience for small and medium businesses. From touchscreen operation to hassle-free cleaning.





Promesso

The next level coffee experience

- > Previous machines
- Liquid coffee
- VanBerlo process
- Sketches
- > Foam models
- User interface
- Requirements
- Renderings
- › Detailled design
- Creo
- Prototypes
- > Engineering
- Suppliers
- Branding
- Awards





Cafitesse 600 2003

- > 40-80 users
- → 11 variations
- → 6 sec/cup, 29 sec/jug (1,5L)
- > 298 cups/hour







Cafitesse 700 2004

- > 40-80 users
- → 11 variations
- > 6 sec/cup, 29 sec/jug (1,5L)
- > 298 cups/hour
- > Fast and easy to use





Cafitesse Excellence 2007

- > 20-80 users
- > 12 variations
- 6 sec/cup, 42 sec/jug (1,5L)
- > Top quality in a stylish machine
- > Showpiece for every establishment.







Cafitesse Compact 2008

- > 10-25 users
- 7 variations
- → 17 sec/cup, 90 sec/jug (900 ml)
- > Elegant, compact machine







Cafitesse Excellence Internals

- Cooling compartment
- Liquid Coffee Extract
- › Boiler
- Connected to tap
- Few components in contact to coffee, less to clean







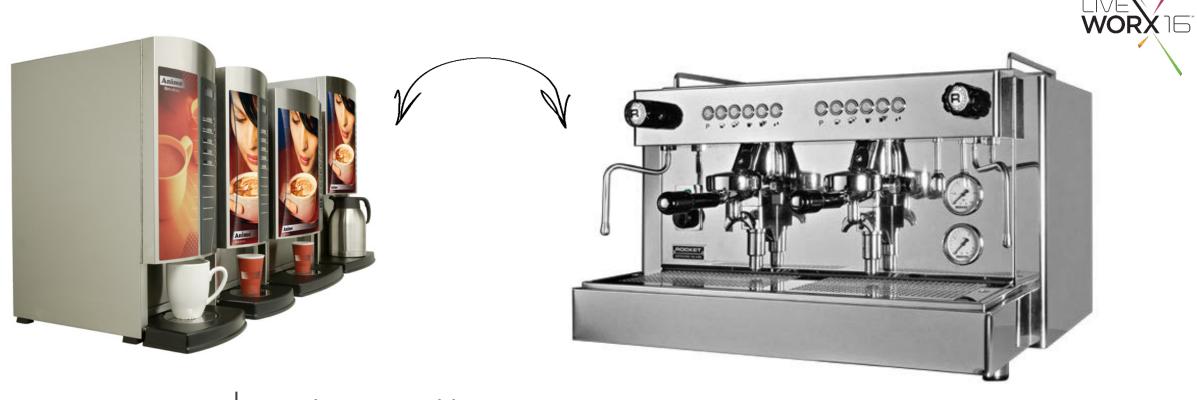




Cafitesse Bag in Box

- Bag in Box
- Liquid Coffee Extract
- Condensed Milk
- Integrated dosing





BRIEFING

- Lower machine
- Wider machine
- Premium
- Better coffee cues
- Fresher feeling
- New horizontal Bag in Box

STANDARD PROJECT STRUCTURE













DEFINITION

Offer

Project approach

ANALYSES & STRATEGY

Kick-off Meeting

Brainstorm

Client, competition, trends, use, technical analyses

Mood Boards

Schematic representations

Idea visuals

Product requirements & objectives

CONCEPT DESIGN

Idea visuals

Provisional & Bread board models

Principle solutions

Concept visuals

Presentation drawings

Evaluation diagrams

Foam model

DETAILED DESIGN

Principle / technical solution sketches

Graphics proposals

Cost price calculations

2D/3D CAD design

Renderings

Risk list

Appearance & test model(s)

DETAILED ENGINEERING

Geometry in 3D CAD

Test models

Analyses

Prototype

Preliminary TPD (Technical Product Document)

PRODUCTION PREPARATION

Product Graphics

Release of TPD (3D & 2D CAD)

Preparation FOT's

0-series

Evaluation

CARE & TREATMENT

Cost engineering

Detail enhancement

Logistical improvements

Instruction drawings

Asssembly instructions



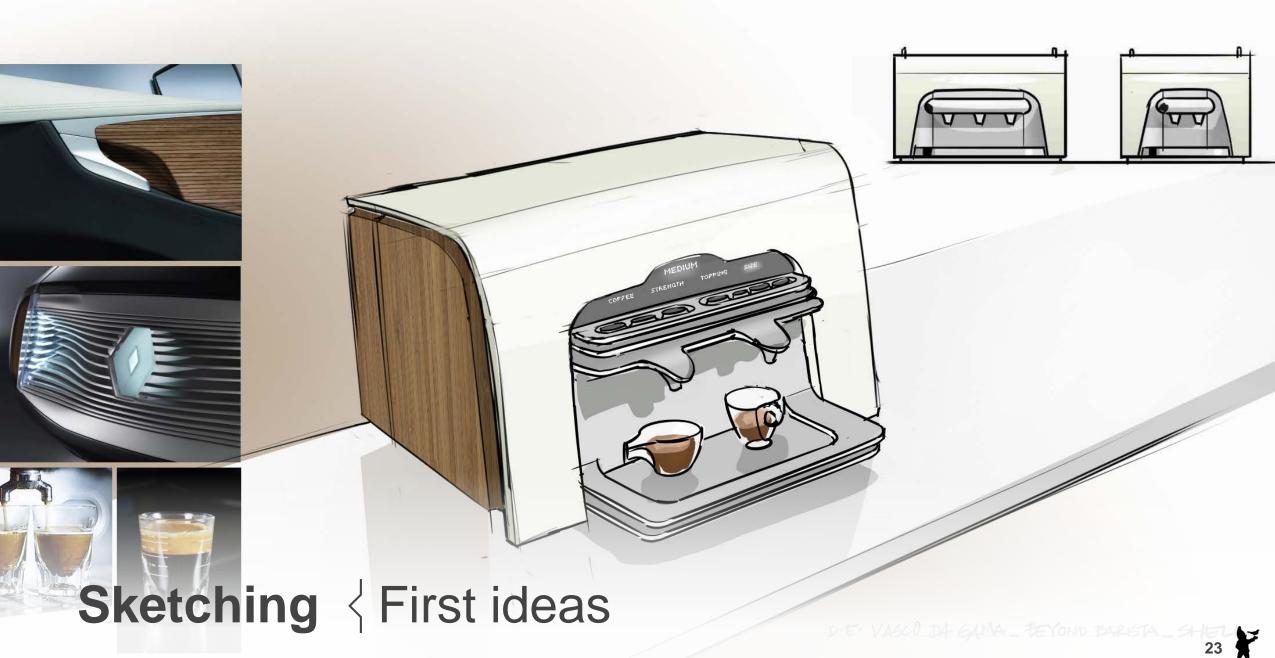
















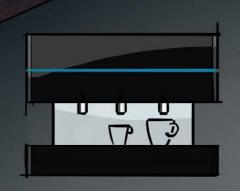
DE VASCO DA GAMA - PLACK - CONCE







Sketching | Choosen idea

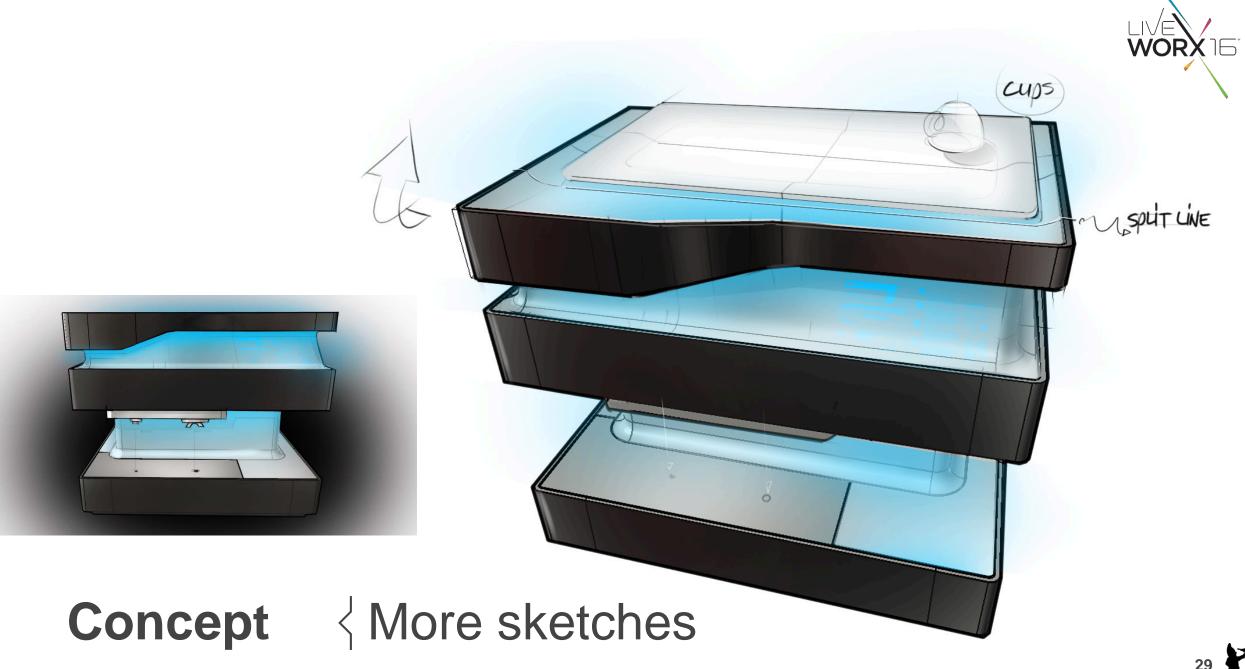
















Concept

More sketching



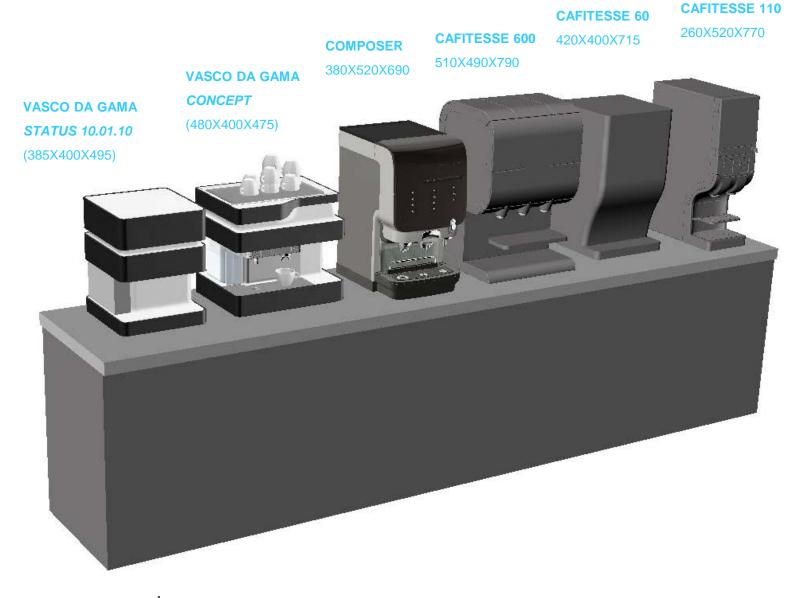






CAD | Preliminary shape setup in Rhino



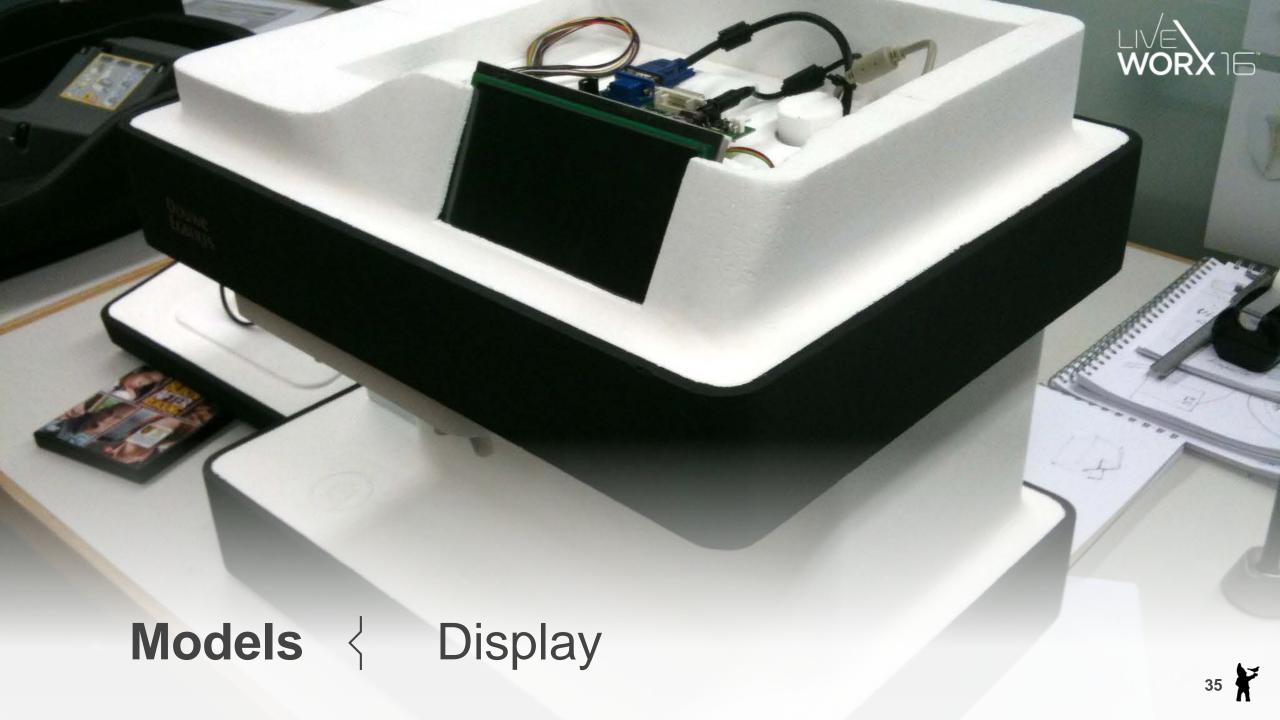














	← SOIULIONS →							
→ sub problems →	Navigation & Selection of Items	Bar of images changing size depending on focus (Mac OS dockbar style)	Images flipping (Coverflow style)	Carrousel	Fliping stacked images	Sliding tiles	Static tiles	
	Grouping of the Available Recipes	By size	By ingredients (eg. pure coffee, with milk, with chocolate)	By strenght The t	By recommendation (e.g. Day, time, location)	Cup type	Per user	
	Adding Users to the System	Import via USB / Bluetooth	Internet / Intranet connection	On-screen keyboard	Making a picture of the user with a built in camera (user input required)	Automatic after first use (no user input needed)		
	Identifying a User	Select from screen	Automatic Face recognition	Automatic through RFID chip	Iris scan	Voice recognition	Fingerprint scan	
	Communication of the Cup Placement & timing	Spotlight above the right place	Through geometry	Picture representation on the screen	Light trail	Audio instructions	Cup base moves to call attention	
	Adjustment of Quantities/Ratios	Separate sliders	Integrated sliders	+ and - buttons	Voice commands MORE COFFEE	Drag and drop		









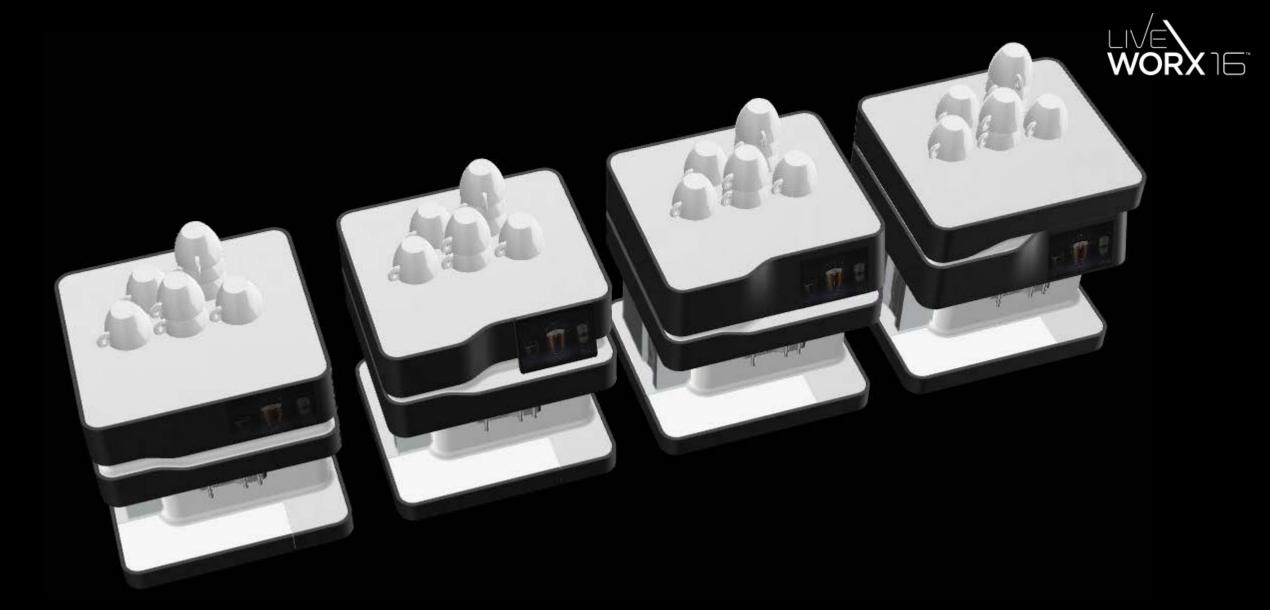
Strong

User interface | Design

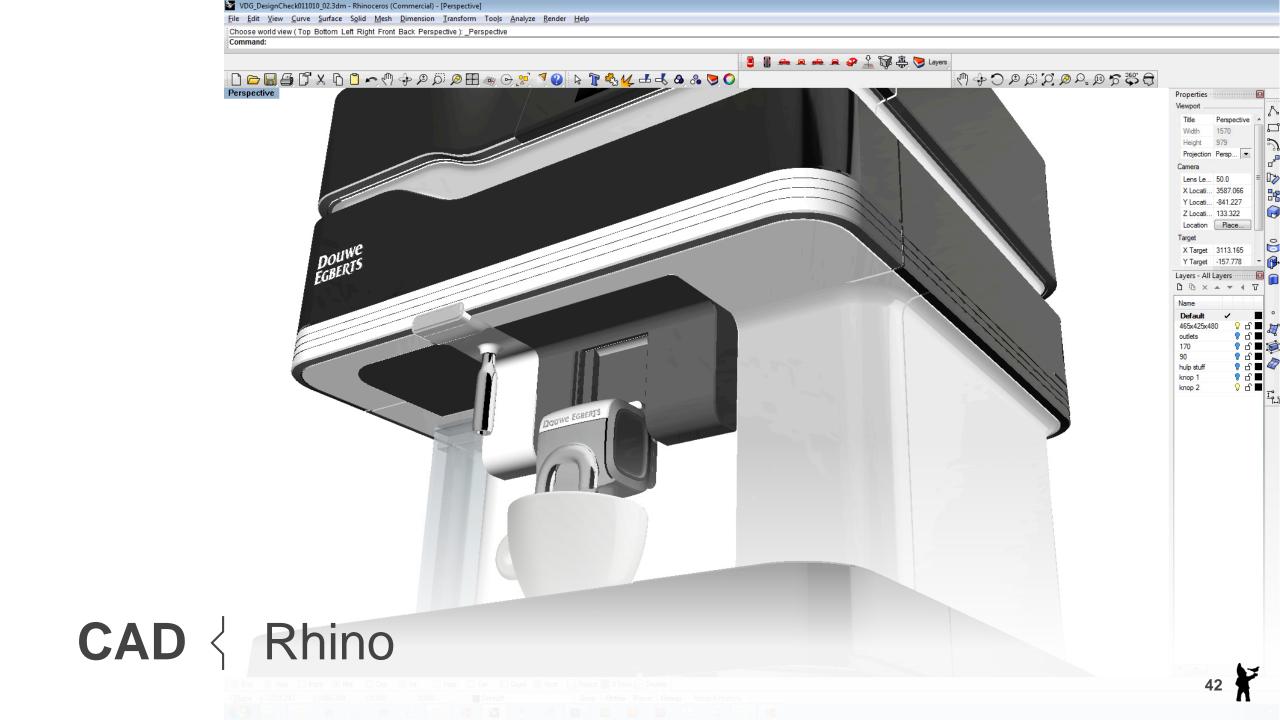




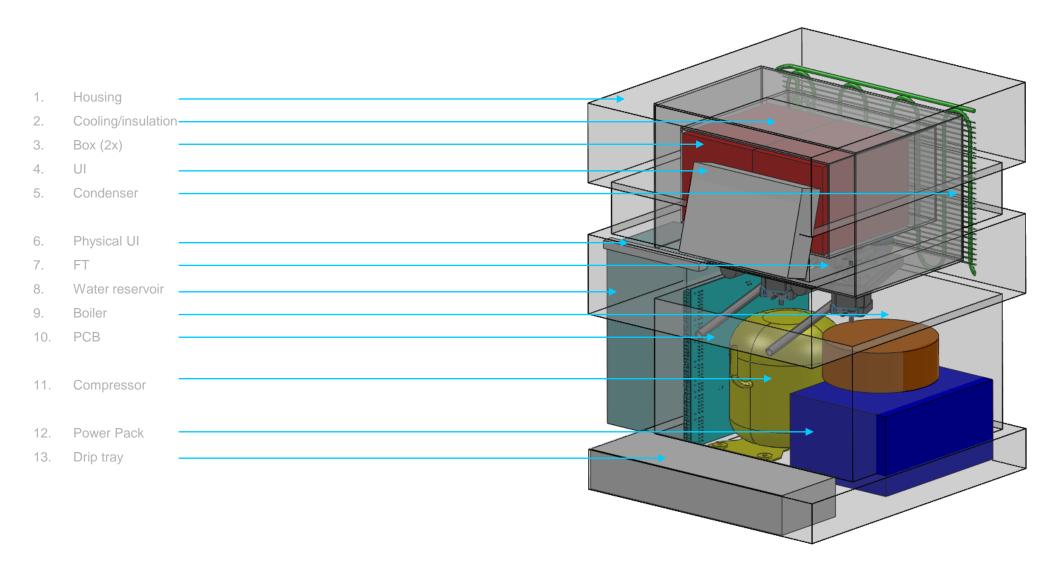




User interface | Display integration







CAD { Technical enveloppe



1,7 liter pack volume: pack angle: 15 degrees

min. h: 1,3047

total depth

d (dm)

b (dm)

e (dm)

0,47

0,48

0,49

0,50

0,52

0,53

0,54

0,24

0,24

0,23

0,23

0,22

0,21

0,21

pack height pack depth total heigth

assumption: pack width = 1 dm

goal: 1.5 I pack --> 1.7 liter box content

					- 1		
0,40	4,25	1,49	4,21	1,10	0,10		
0,45	3,78	1,41	3,77	0,98	0,12		
0,50	3,40	1,36	3,41	0,88	0,13		
0,55	3,09	1,33	3,13	0,80	0,14		
0,60	2,83	1,31	2,89	0,73	0,16		
0,65	2,62	1,30	2,69	0,68	0,17 -	↑ ↑	_
0,70	2,43	1,30	2,53	0,63	0,18		_
0,75	2,27	1,31	2,38	0,59	0,19	[] h	
0,80	2,13	1,32	2,26	0,55	0,21	1 1	
0,85	2,00	1,34	2,15	0,52	0,22		
0,90	1,89	1,36	2,06	0,49	0,23	pack volume =	
0,95	1,79	1,38	1,97	0,46	0,25	x.y.1 (dm3)	
1,00	1,70	1,41	1,90	0,44	0,26		
1,05	1,62	1,43	1,84	0,42	0,27	" \	
1,10	1,55	1,46	1,78	0,40	0,28	"] \X	
1,15	1,48	1,49	1,73	0,38	0,30] a \ <u>y</u>	_
1,20	1,42	1,53	1,68	0,37	0,31		
1,25	1,36	1,56	1,64	0,35	0,32	α	
1,30	1,31	1,59	1,60	0,34	0,34	e f	
1,35	1,26	1,63	1,57	0,33	0,35	<u> </u>	_
1,40	1,21	1,67	1,54	0,31	0,36		
1,45	1,17	1,70	1,51	0,30	0,38	d	
1,50	1,13	1,74	1,48	0,29	0,39		
1,55	1,10	1,78	1,46	0,28	0,40		
1,60	1,06	1,82	1,44	0,27	0,41		
1,65	1,03	1,86	1,42	0,27	0,43		
1,70	1,00	1,90	1,41	0,26	0,44		
1,75	0,97	1,94	1,39	0,25	0,45		
1.00		4.00	4.00			I	

1,38

1,37

1,36

1,35 1,34

1,33

1,33

total height (h) = $x.cos(\alpha) + (pack volume.sin(\alpha))/x$ total depth (d) = $x.\sin(\alpha) + (pack volume.cos(\alpha))/x$

CAD | BIB Specs

0.94

0,92

0,89

0,87

0,85

0,83

0,81

1,98

2,02

2,07

2,11

2,15

2,19

2,24

1,80

1,85

1,90

1,95

2,00

2,05

2,10

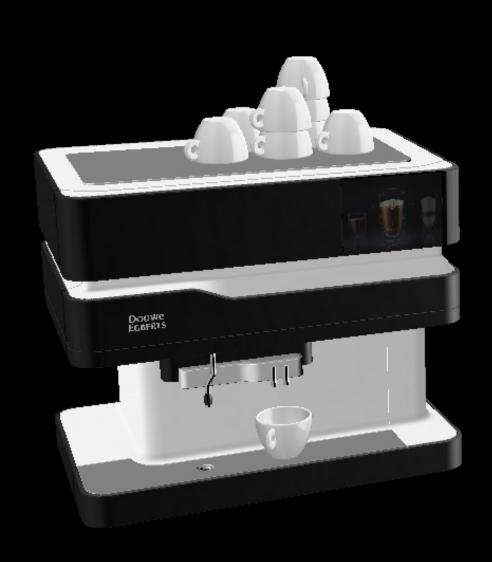






CAD | BIB Specs







CAD { Renderings



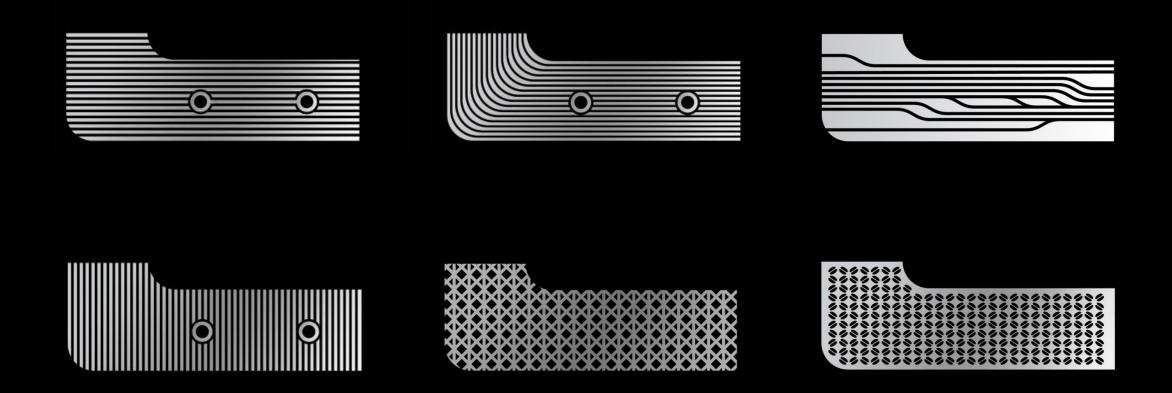


CAD | Renderings









Detailed Design \ Driptray







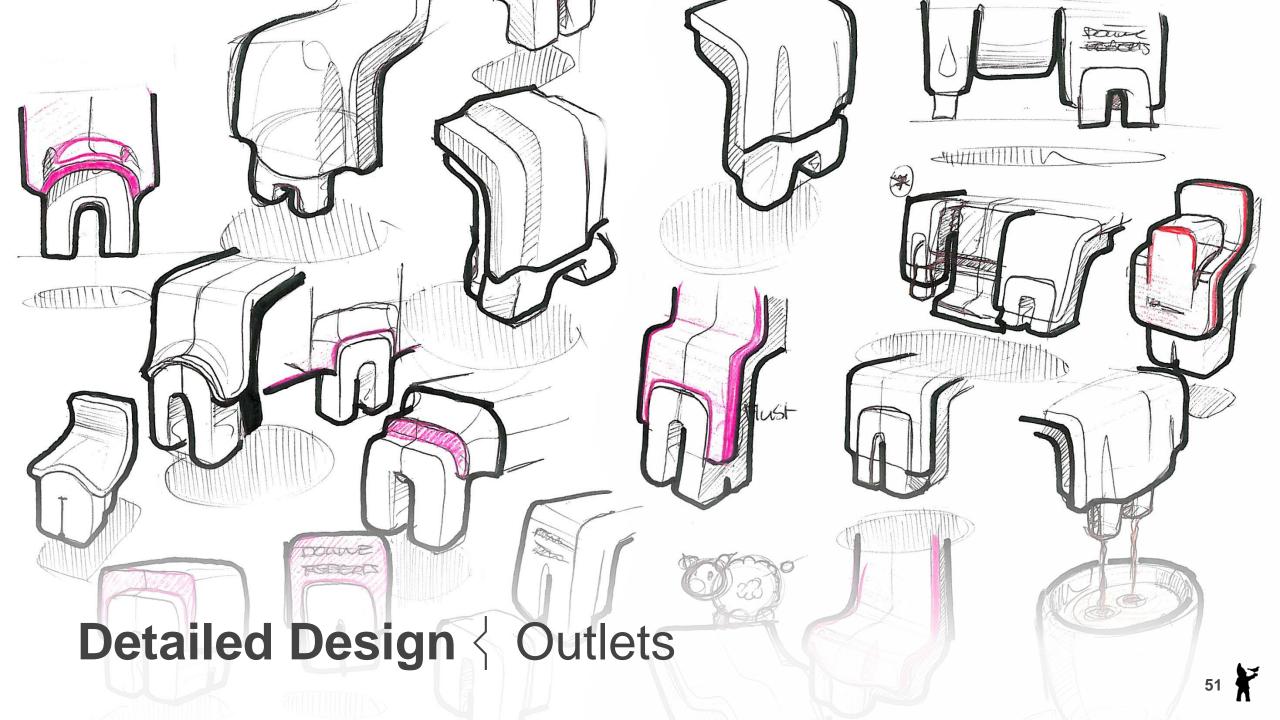


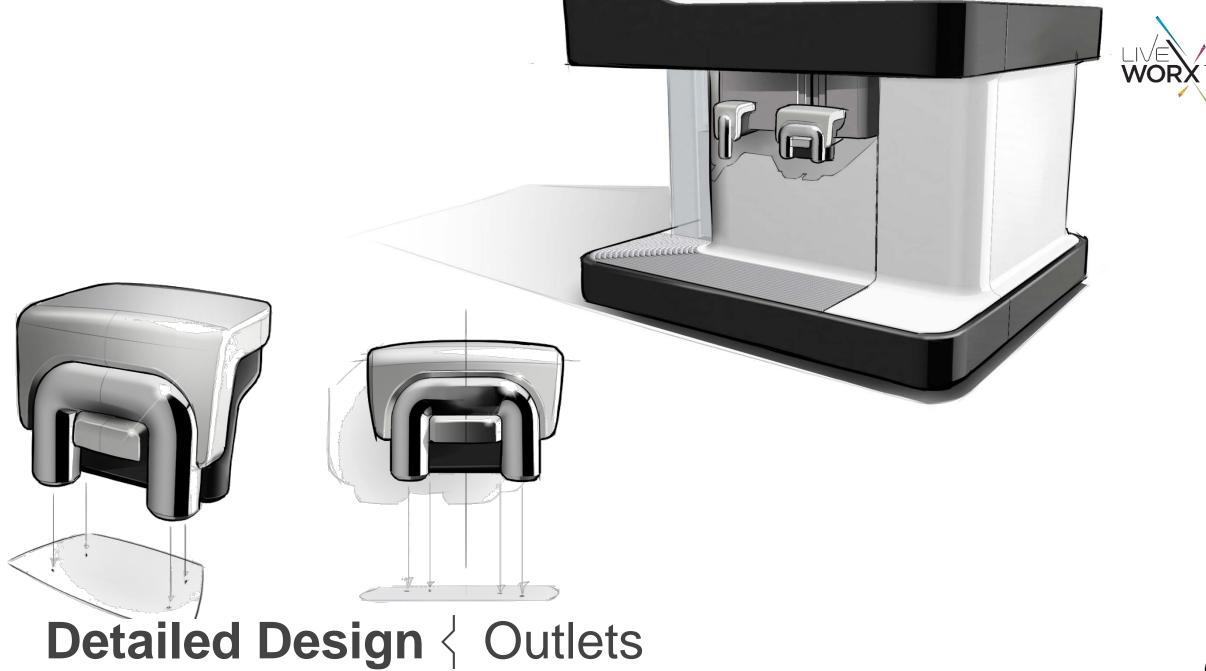




















Detailed Design Outlets

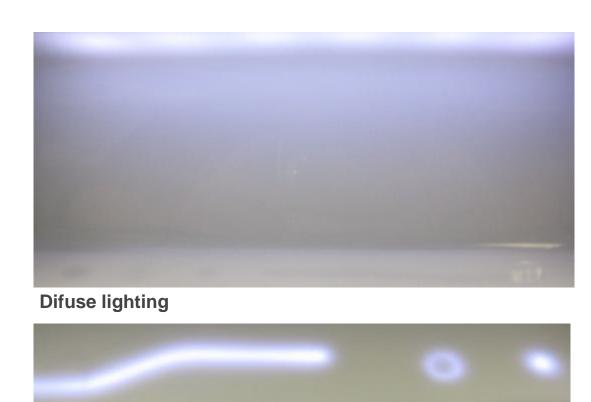




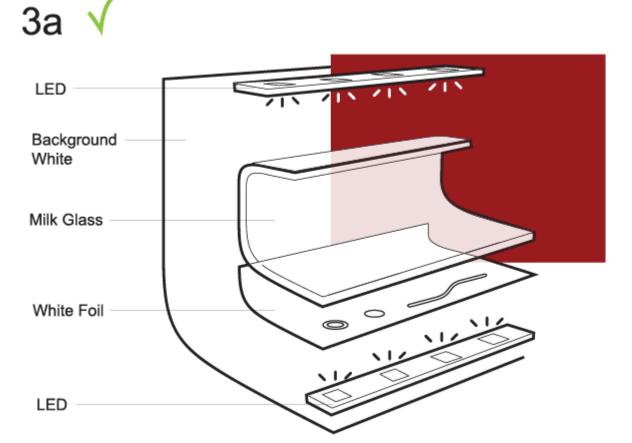


Lighting \ Confirmation button





Difuse light



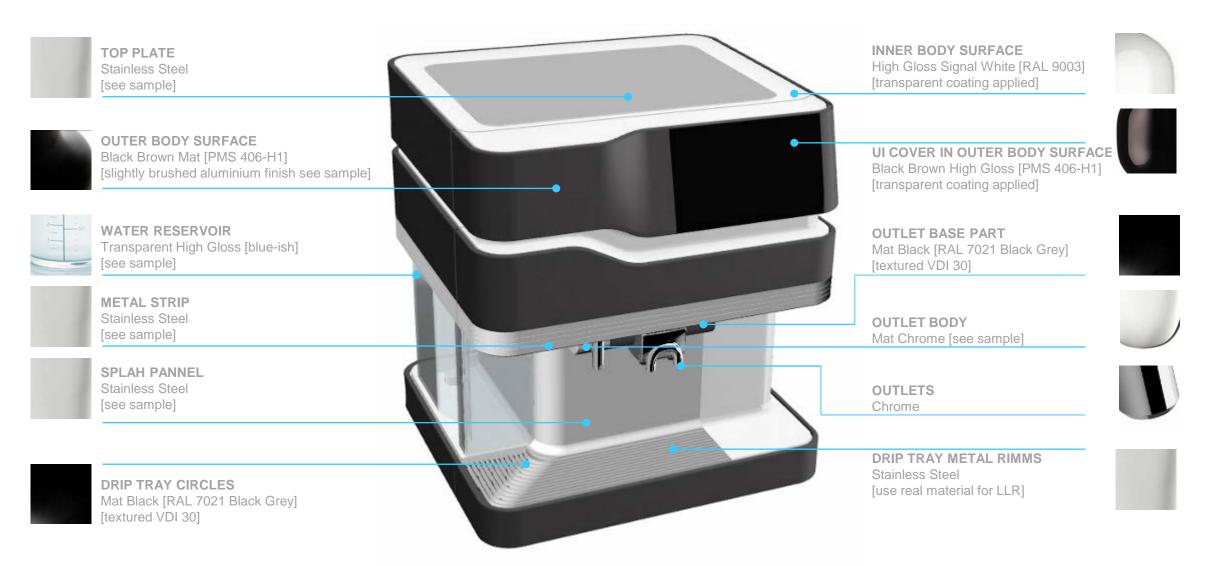




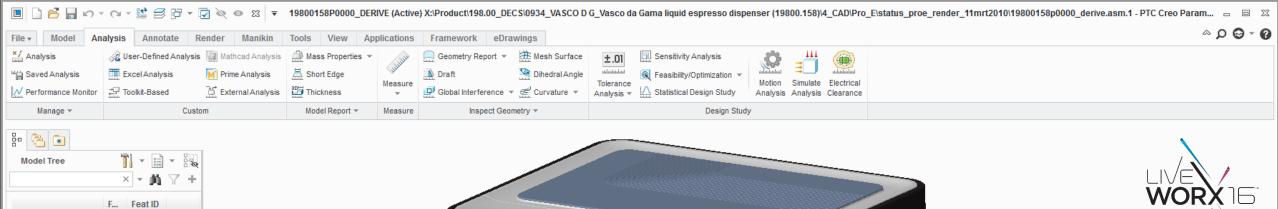








Detailed Design Colours and materials









Shaded model will be displayed

☐ ▲19800158P0000_DE

☐ ASM_SIDE

☐ ASM_TOP

☐ ASM_FRONT

※ ACS0

X ACS8_VASCO_IN 5

X ACS9_LCD_TMP 6 ▶ ■ 19800158_COM <N... 231 ▶ □ LCD_TEST_VASC 7 ▶ 19800158P0000 8 ▶ ■ ^19800158_LCD 9 ▶ 19800158P0002 10 79 ▶ **19800158P0003_11** 80 ▶ **1**9800158P0005_13 82 ▶ 19800158_LIGHT 15 60 ■BOVENPLAAT.P <N... 62</p> ▶ **1**9800158P0006_16 77 ▶ **1**9800158P0007_17 78 ▶ **19800158P0008_18** 83 ▼ **19800158P0009** 19 84 ✓ SIDE

∠
TOP

₹X× CS0

208

Spin Center will not be displaye
 Snin Center will be displayed









Models \ Looks Like Real Model







Models \ Looks Like Real Model





Detailed Design | Final renderings

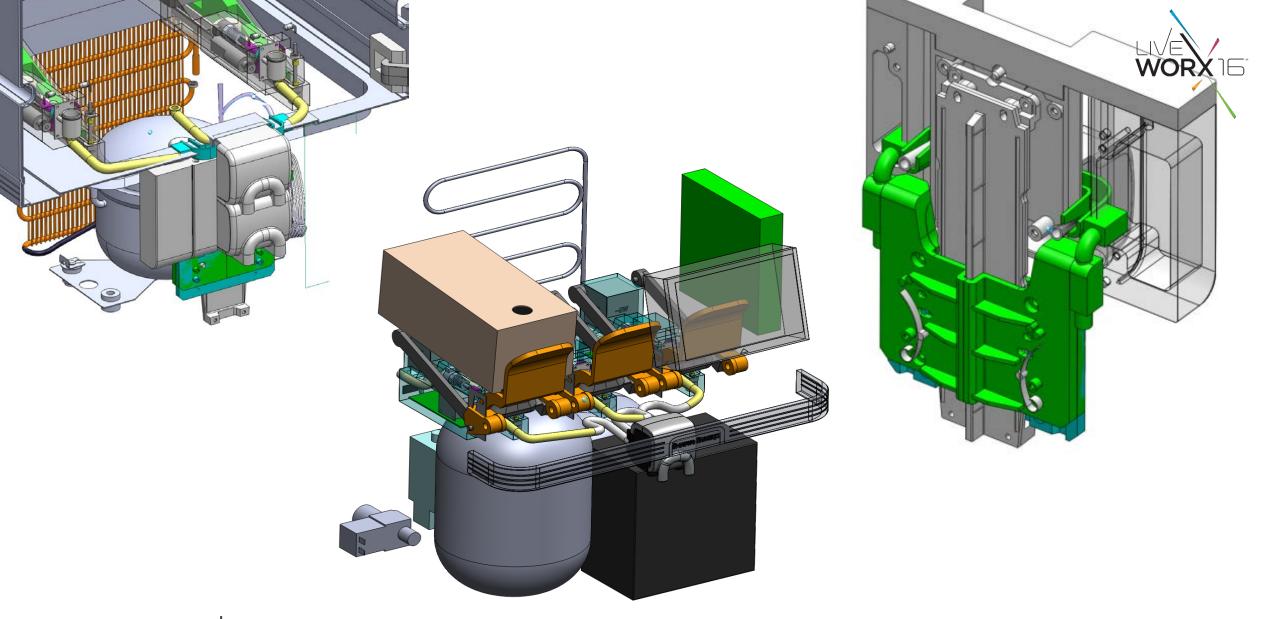






Detailed Design | Final UX design





CAD \ Supplier Engineering Activities





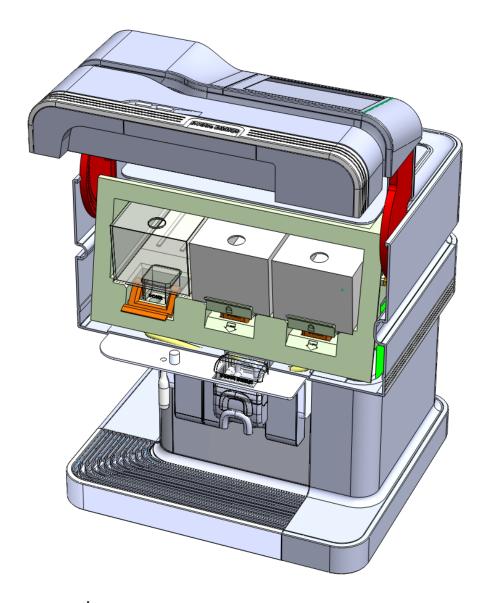


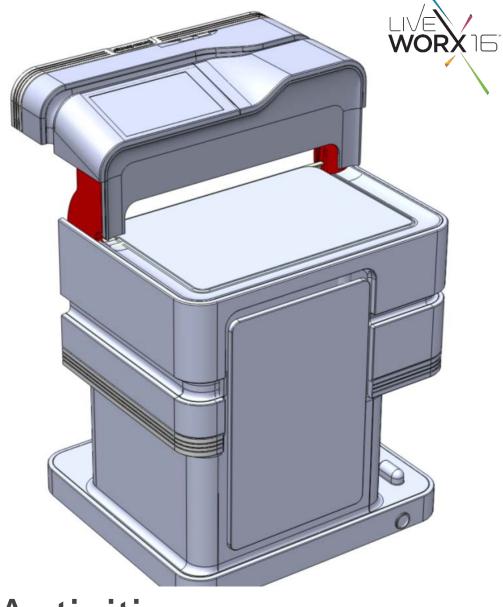




CAD \ Supplier Engineering Activities

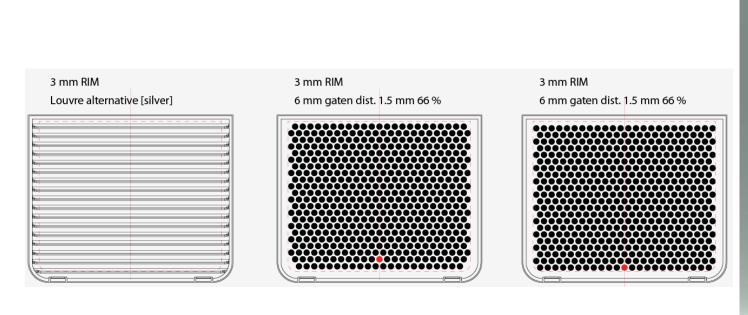


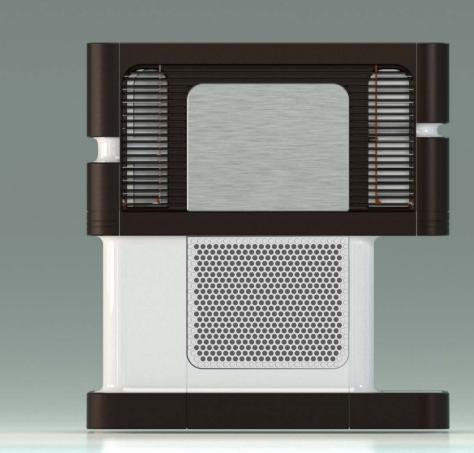




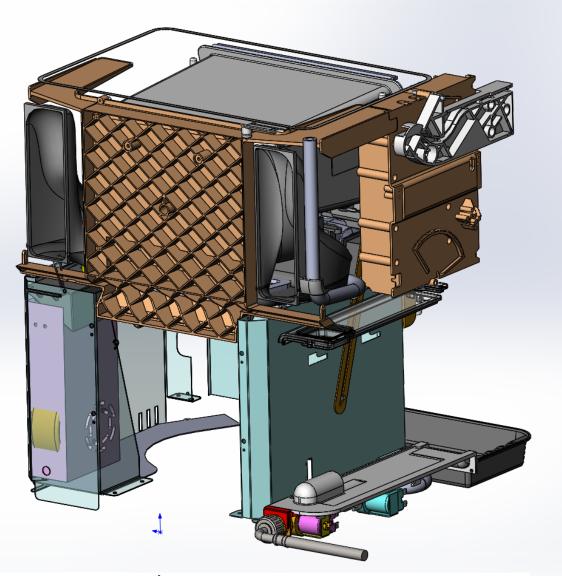
CAD \ Supplier Engineering Activities

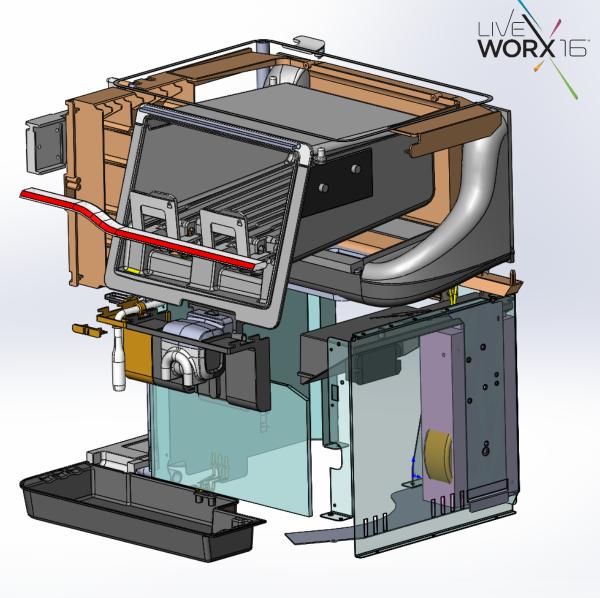






CAD \ Detailed design





CAD \ Supplier Engineering Activities













Branding | New Bag In Box





Branding \ Dedicated glasses







Dutch Design Week \ World Premiere at our booth







