

2020

INDUSTRIAL DESIGN

PORTFOLIO

TOM MAN

Contents.



Quizar



Hailstorm



Slamp



VF project



Shroom



About me.

I am Tom Man, designer and an artist currently based in Israel. Studying in **Shenkar College** of Engineering and Design in B.Des in Industrial Design.

I have always had attraction to design even without knowing, as a kid I loved to draw and paint and try to invent the next invention that would help me get through the summer. As I study and growing I discover my interest in the process of developing complicated projects that contain wide research and collaboration with my other colleagues.

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QUIZAR | 2019

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BRIEF:

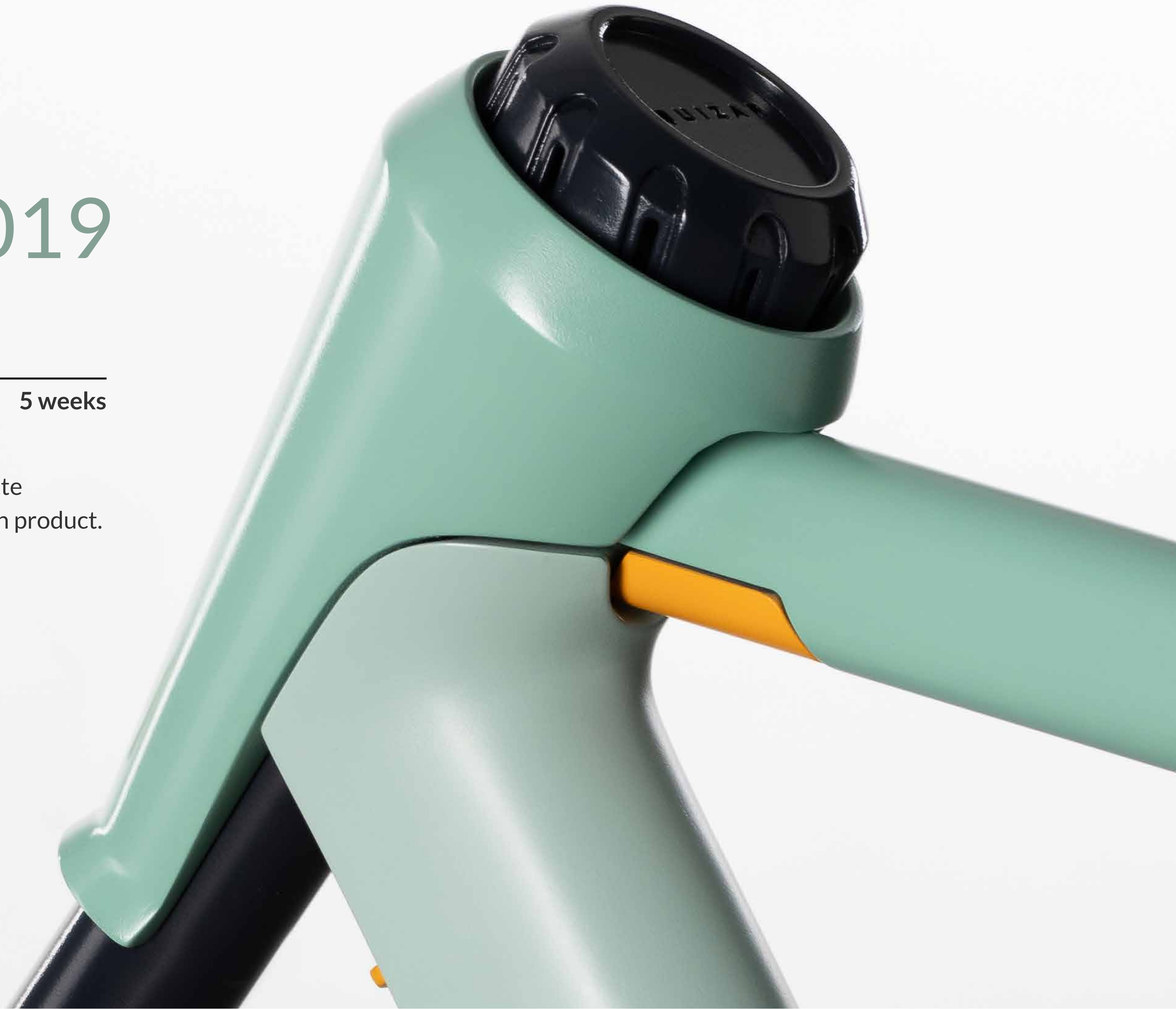
Design vacuum cleaner

5 weeks

Handheld vacuum cleaner

based on unite simple shapes with unique palette
and bringing new perspective to the well known product.

Product photography
by Ofek Avshalom
@ofekavshalom

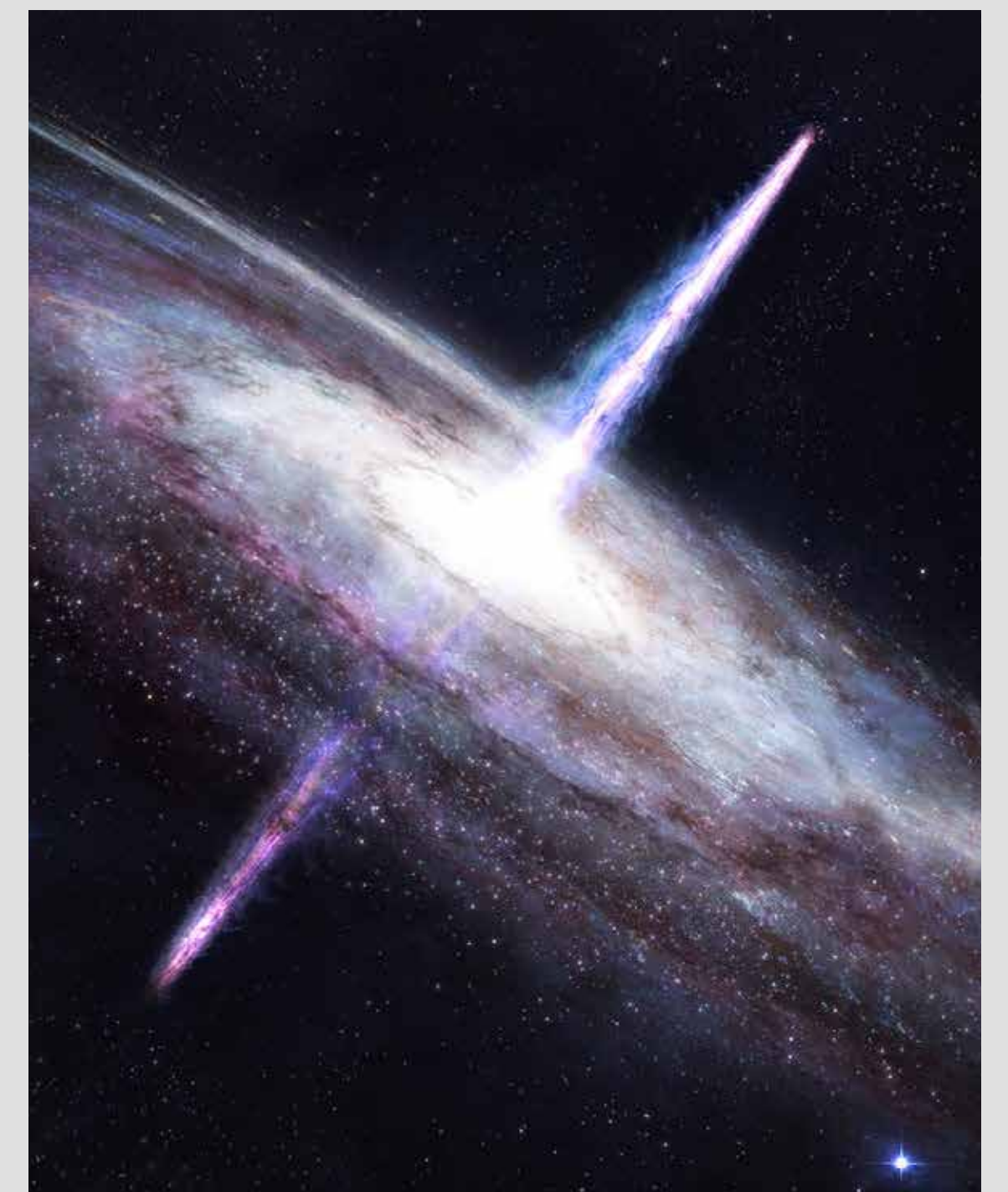
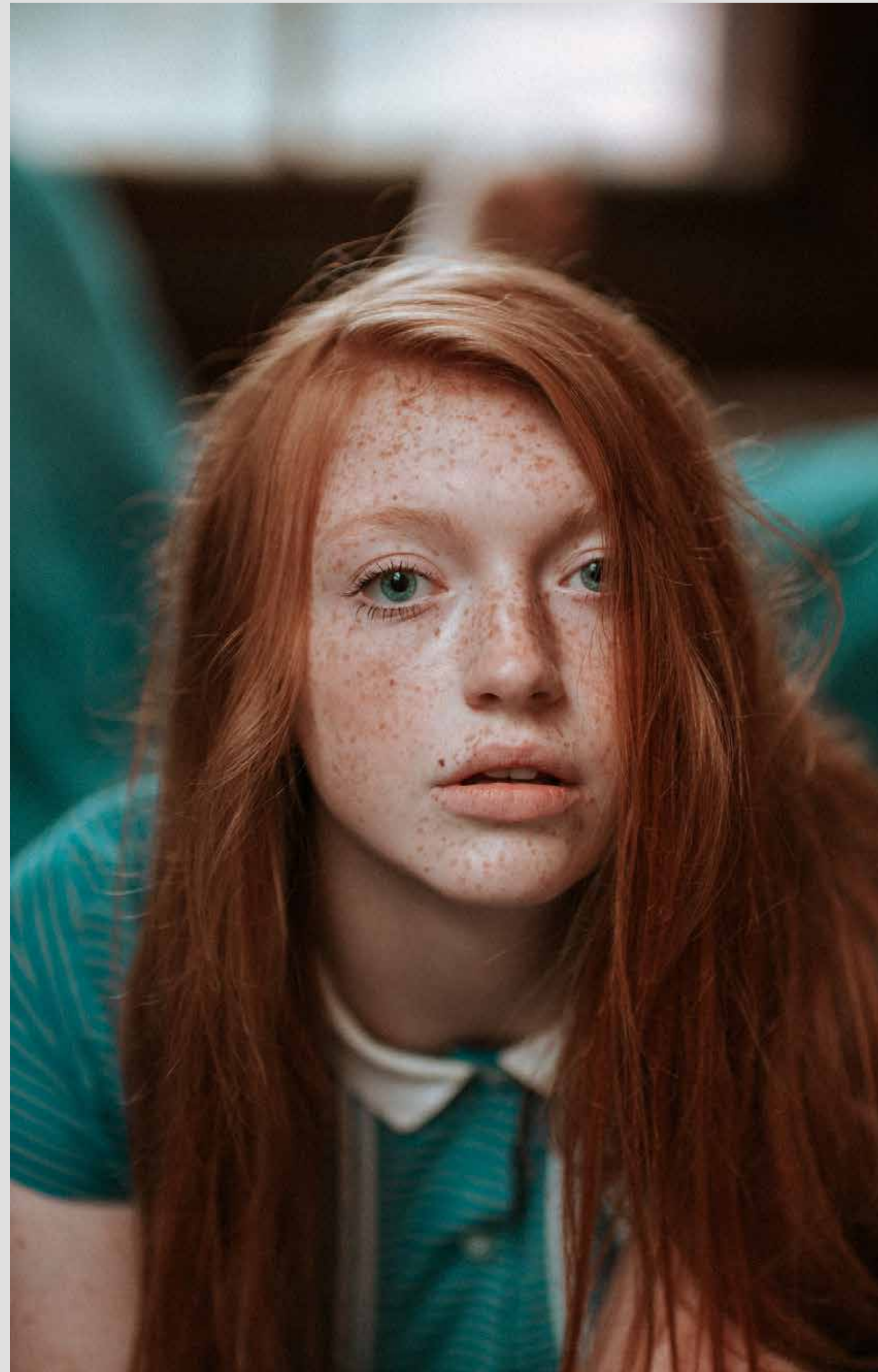


Inspiration.

The inspiration for Quizar came from outer space **quasar** (luminous active galactic nucleus) and the will to bring my attraction to **space and photography** in one form and bringing space down to earth.

The color palette came from the american photographer **Cvatik**, that refferd to shades of teal and orange in his work.

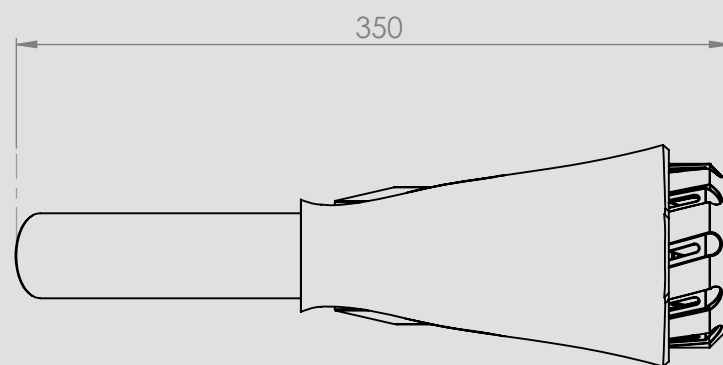
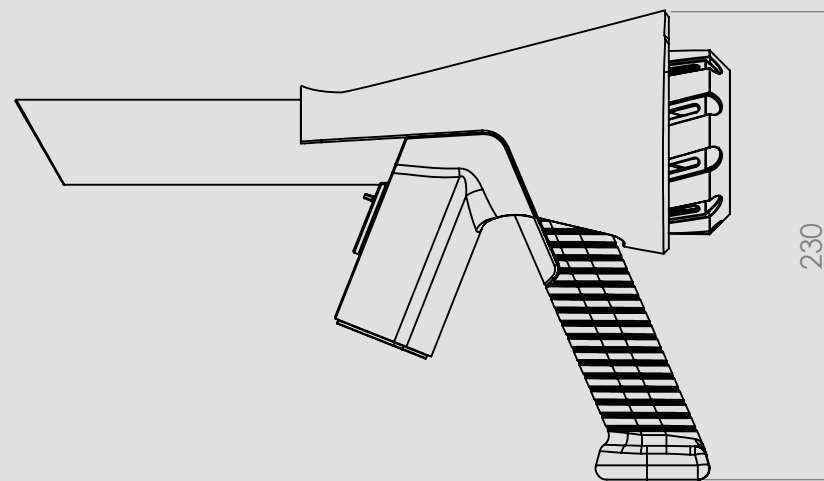
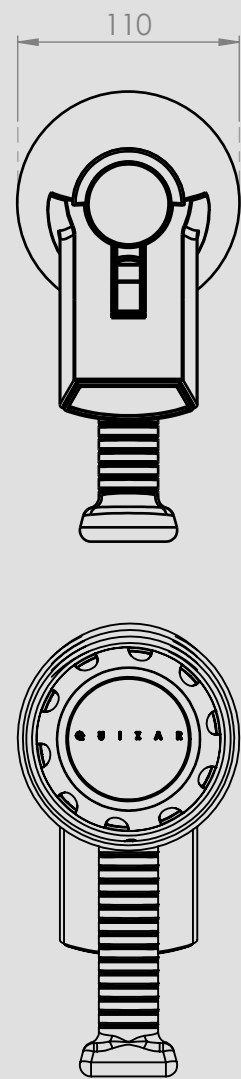
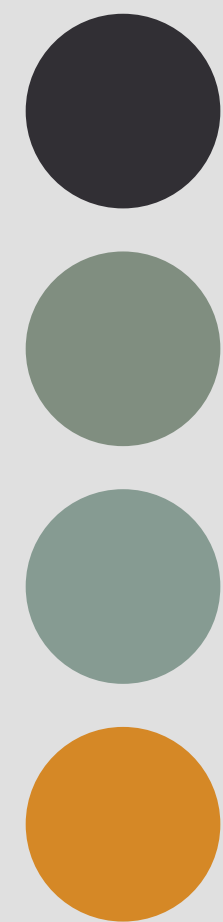
“due to being the furthest apart on the color wheel, orange and teal are often used in movie posters, and are said to quickly grab the viewer’s attention”.



Modeling.

Various foam prototypes were developed to understand the proportions and experiment the **ergonomics**.

The final prototype was hand crafted using steel lathe, band saw and car paint.



Sketching and renderings.



QUIZAR

Morphology, modeling and color courses



Product photography
by Ofek Avshalom
📷 @ofekavshalom

Featured at:



**STUDENT
DESIGN**

Hailstorm| 2020

2

BRIEF:

Design a sport equipment

3 months

Involve personal research and different research methods: History and culture, interviews, observation, journey map, materials and technology and benchmarking.

Product photography
by Ofek Avshalom
📷 @ofekavshalom



Essence.

The design of HAILSTORM is about maintain the details of the classic ice axe and yet change its DNA by bring inspiration from a different world - **Bikes and tools.**

identification of the form that defines the essence of the technical ice axe and devide it into its segments like automotives.



Sketching.

The idea was to create modular ice axe with interchangeable head that locks geometricly by the different components, whats allows every climber to personalized his ice axe for his own needs.

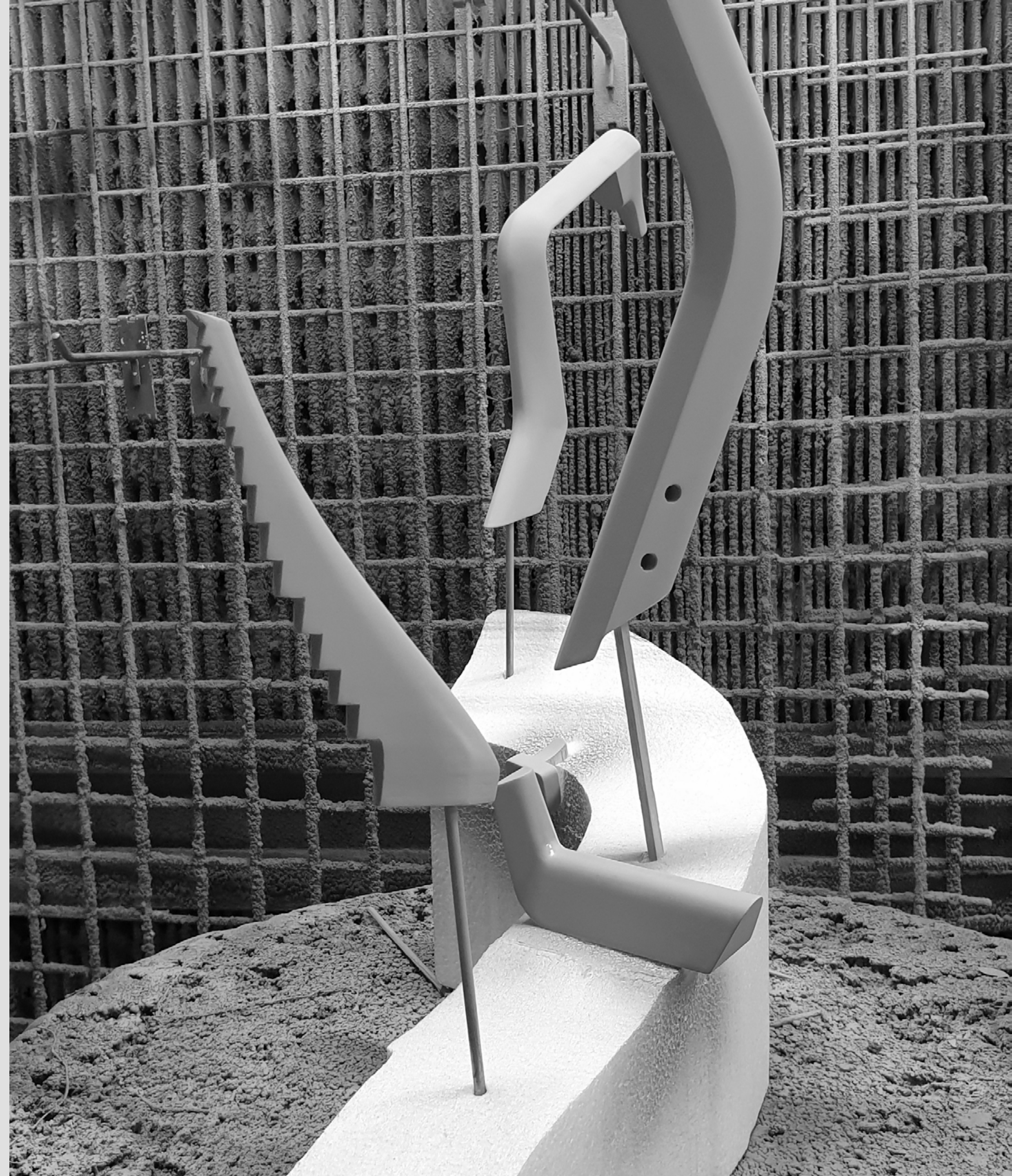
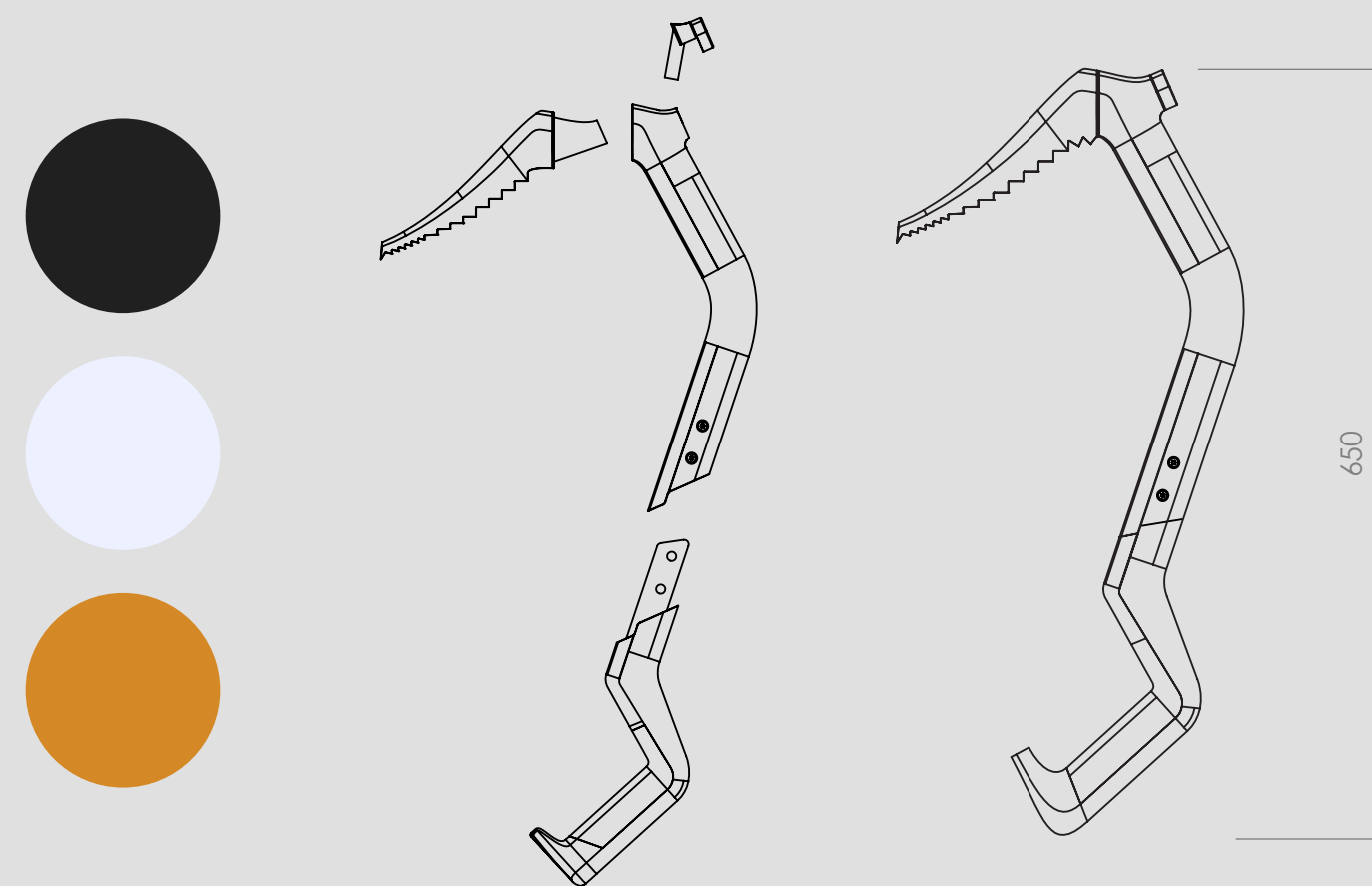


Modeling.

3D printed models to understand the connector for the concept and check the **tolerance**.

Foam prototypes were developed to understand the proportions and experiment the **ergonomics**.

The final model was 3D printed with car paint.



Hailstorm

Basic industrial design 1 course
Observation

Product photography
by Ofek Avshalom
📷 @ofekavshalom



SHROOM | 2019

5

BRIEF:

Design a seat made of sections

6 weeks

choose a fruit or vegetable, make a simple manipulation
then cut it into sections and make a seatable object.

Product photography
by Ofek Avshalom
📷 @ofekavshalom



Thank you.

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