

3D. ENGINEERING. DESIGN. SIMULATION.



CONSUMER PRODUCTS

Creaform has a very wide expertise in computer-aided design and product development projects. We carry out numerous projects for major companies from the consumer product industry. We built our excellent reputation through innovation, thoroughness and professionalism, as well as through our deep knowledge of current production and manufacturing standards.

DESIGN

Creaform can meet all of your product development and design & styling needs, and guarantees the expected results, whether for developing a new product and for optimizing an existing product. Our design team knows how to adapt to a customer's design requirements.

- 3D Design
- Advanced Surfacing
 - Styling surfaces
 - Class A surfaces
- Engineering and analysis from:
 - 2D drawings
(interpretation of 2D drawings, conversion to 3D)
 - Scanned parts
 - Existing 3D models



- On-site client mandates, short- or long-term
 - *Engineers*
 - *Designers*
- Manufacturing tooling and inspection jigs
- Product development

SIMULATION

The Creaform Numerical Simulation and Analysis team can validate or certify the design of your product.

- Finite Element Analysis
 - *Linear or non-linear*
 - *Implicit or explicit*
 - *Modal, buckling*
- Computational Fluids Dynamics (CFD)
- Dynamic, random, vibration-free and transient response
- Dedicated resources
- Creating plans and testing procedures

