



A Unit of IDEX Corporation



Company Profile

What we do

We design and manufacture fully customized elastomeric sealing solutions.

We assist the customer throughout the whole process, from the co-design of the gasket to the construction of the mold, and delivery of the finished goods.





Our vision

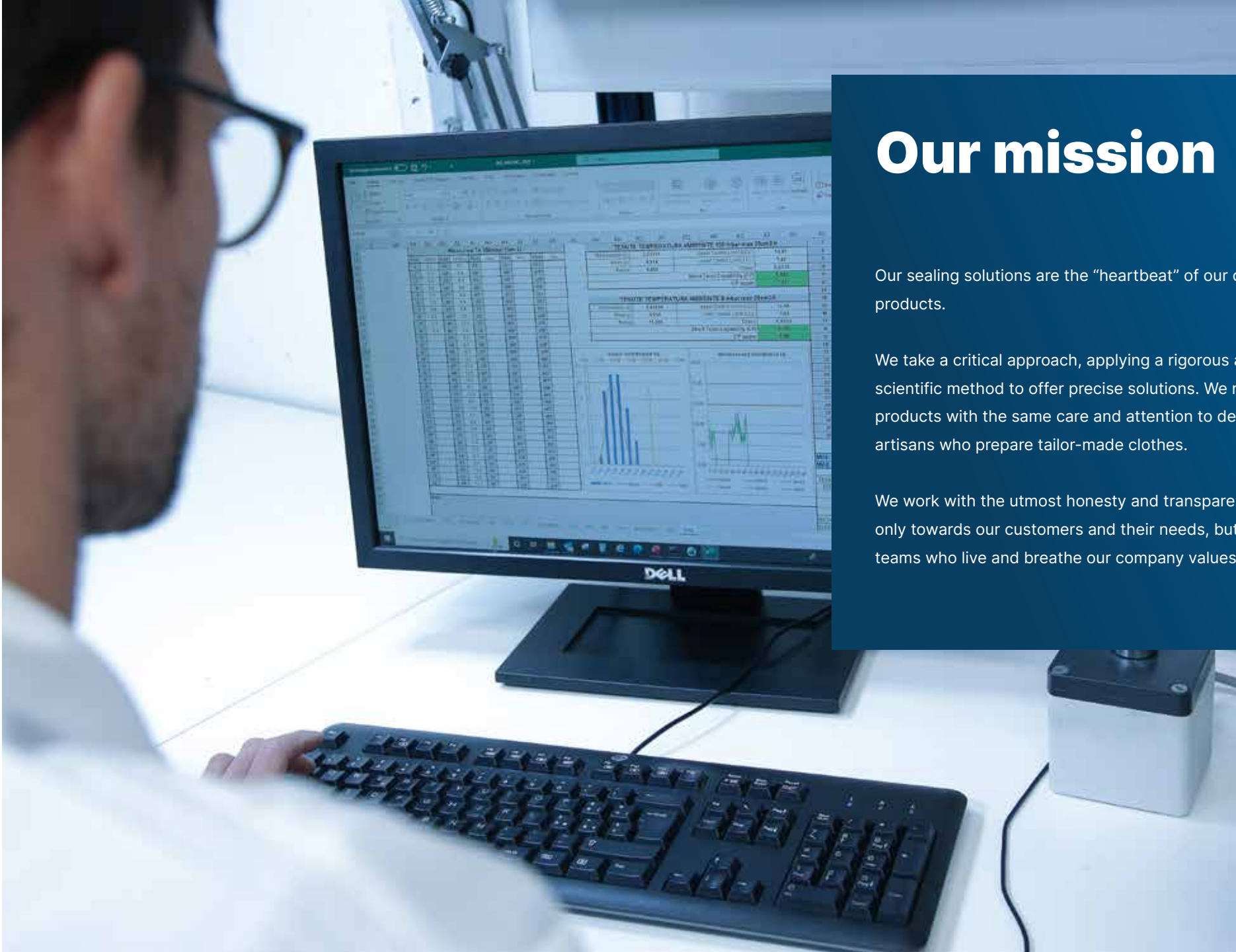
The name Novotema has a Greek origin, literally meaning “new philosophy”.

We want to embody this meaning through innovations in rubber and elastomeric molding.

We do this by creating unique products, designed with a focus on “customer obsession”.

Our idea of innovation leads us to develop solutions which can improve the efficiency and quality of our final products, generating value for our customers.

We aim to stay loyal to our values in our work, respecting people and the environment, showing passion for what we do, and delivering reliable products and services.



Our mission

Our sealing solutions are the “heartbeat” of our customers’ products.

We take a critical approach, applying a rigorous and scientific method to offer precise solutions. We make products with the same care and attention to detail as artisans who prepare tailor-made clothes.

We work with the utmost honesty and transparency, not only towards our customers and their needs, but to our teams who live and breathe our company values every day.



1976

Novotema is founded in the so called "rubber valley", close to Iseo Lake.

NOVOTEMA



1995

Novotema moves to Villongo, in two separate but fully integrated buildings. Property covers 23.000 m².



2003

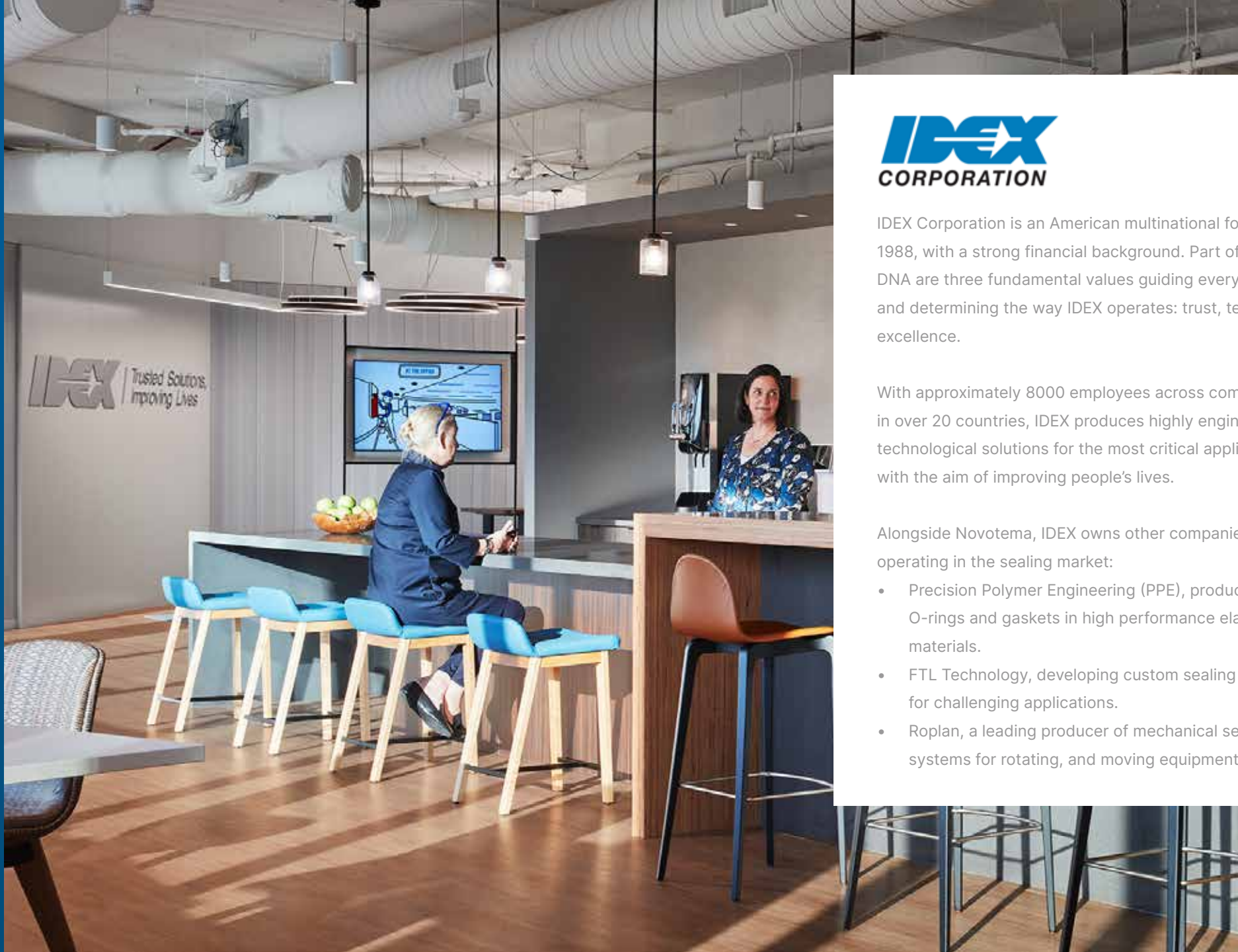
Novotema is sold to international funds and this allows the change from a family to a managerial management.



2015

Novotema is part of IDEX Corporation.

IDEX
CORPORATION



IDEX Corporation is an American multinational founded in 1988, with a strong financial background. Part of IDEX's DNA are three fundamental values guiding every decision and determining the way IDEX operates: trust, team and excellence.

With approximately 8000 employees across companies in over 20 countries, IDEX produces highly engineered technological solutions for the most critical applications, all with the aim of improving people's lives.

Alongside Novotema, IDEX owns other companies operating in the sealing market:

- Precision Polymer Engineering (PPE), producing O-rings and gaskets in high performance elastomeric materials.
- FTL Technology, developing custom sealing solutions for challenging applications.
- Roplan, a leading producer of mechanical sealing systems for rotating, and moving equipment.

Novotema difference

Why Novotema?

Here are some reasons why our customers choose us.



International attitude

We are part of a multinational characterized by an entrepreneurial approach that leaves great decision-making independence to its Business Units.

Being part of IDEX Corporation allows us to adhere to our values and continue making a difference in terms of technological innovation.



Responsibility

We are led by a strong sense of ethics and responsibility towards customers, collaborators and our environment. Our solutions are designed and built with serious consideration to the end quality and long term, reliable performance of the products.

We are customer obsessed, problem solvers, paying attention to the smallest details and monitoring quality at every stage of the project.



Scientific approach

We analyze the requests of every single customer to create solutions in line with their unique needs, feeding into a scientific approach throughout the entire design and production process.

We collaborate with universities and research centers on specific tests, helping us to achieve the highest standards of quality, safety and reliability.



Uniqueness

We create unique products, designed and manufactured, completely tailored to the specific requirements of each individual customer.

Our values



Ethics and respect

We believe that the best way to achieve great results is through respect for people, their needs and their values, be they customers, suppliers or colleagues.

We work in an atmosphere of inclusiveness and diversity.

We are honest and transparent with our customers, attentive to rules and safety, and being considerate to environmental, cultural and religious issues.



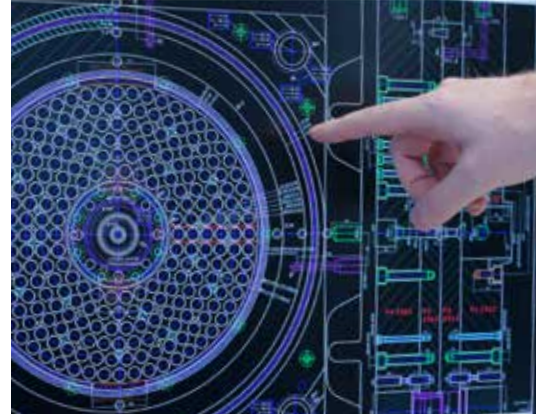
Innovation

Innovation, the progress and study of new solutions to bring to the market is a fundamental part of Novotema's identity, as per the etymology of our company name (Novo + Tema: "new philosophy" from Greek).

Innovation is central to our design and production processes.

We apply a detailed scientific approach as we focus on bringing unique and valuable products to the market.

Our values



Specialization

The solutions we design and produce are centered on the specific requests of each customer.

This is why we don't have product catalogs. Each phase of the process, from co-design and material choice to molding and finishing, is customized to the needs of the client.

We have a high level of specialization in the molding of elastomeric materials.

Through material laboratory tests, finite element analysis and the advanced technical skills of our highly qualified staff, we can offer our customers the highest standards in quality.

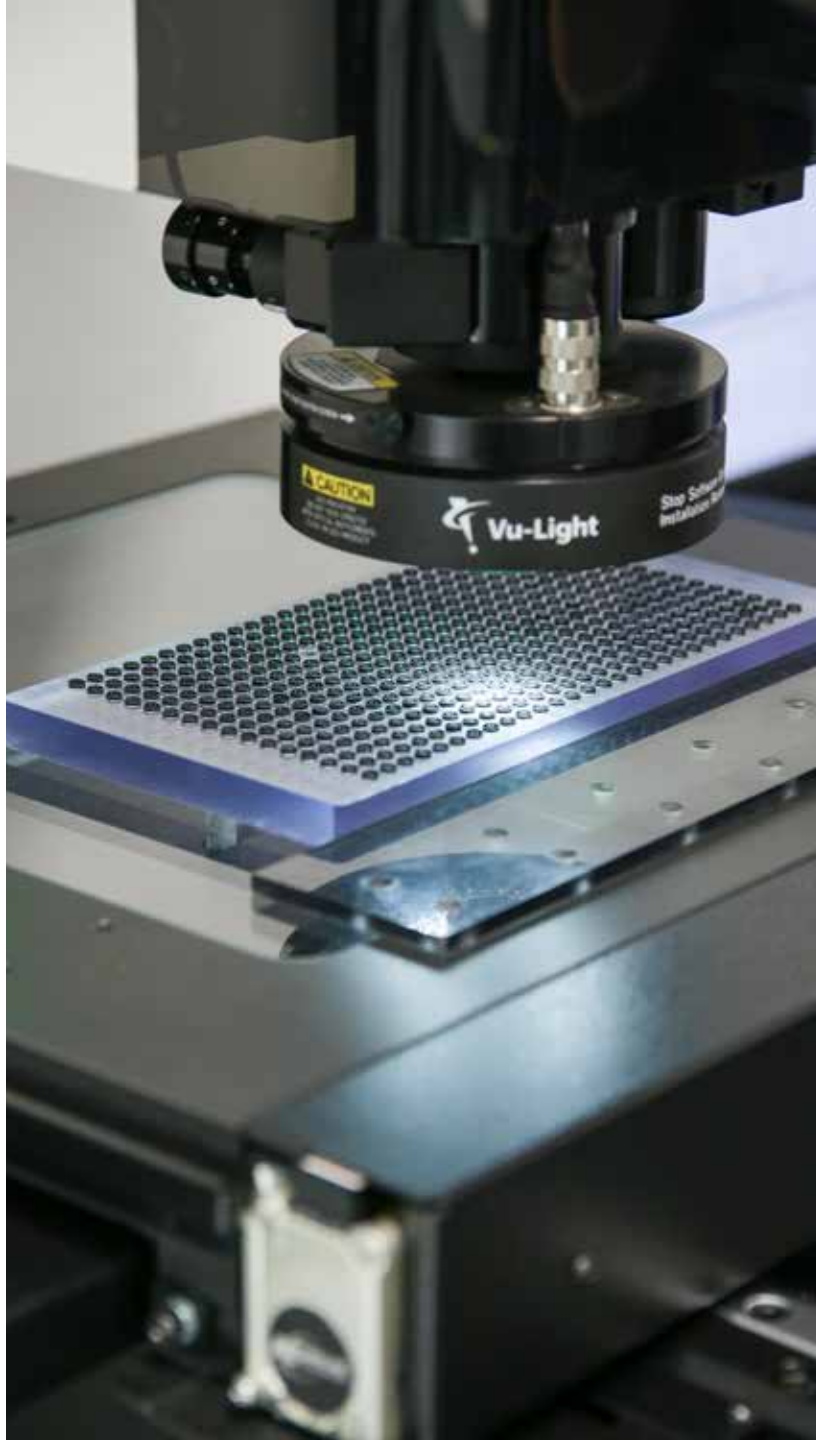


Human resources

We believe that people are the real assets of a company. That's why we will continue to develop and invest in people, as they are the ones who make the difference for our customers.

We run both professional and personal growth paths for our employees and adopt organizational solutions that allow to improve the balance between life and work for our employees.

We are always striving for a better qualified, more inclusive team, as we aim for continuous growth together.



Quality, safety and environment

Our motto is Safety First, Quality Always!

In the search for continuous improvement, we are committed to the highest standards in quality, health and safety and respect for the environment.

Quality is a key theme throughout all our processes. It begins with an accurate search for suppliers and constant monitoring of their performances, and continues with incoming quality control, production and final delivery.

Our Quality System provides a continuity plan to protect our business and every one of our customers.

Quality never ends, we continually give ourselves new goals to improve.

We are certified:

UNI ISO 14001:2015 | **UNI ISO 13485:2016**

UNI ISO 45001:2018 | **IATF 16949:2016**

Our Integrated Quality Management System also applies to environmental safety and sustainability.

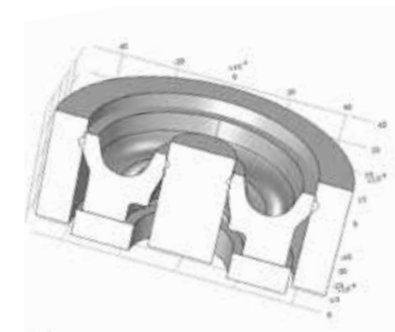
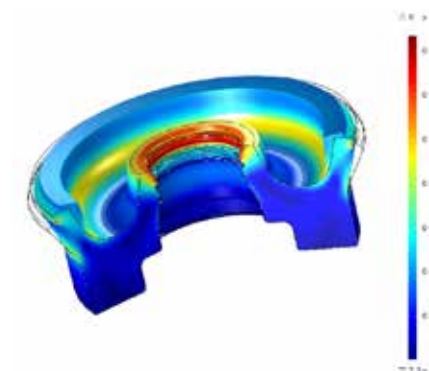
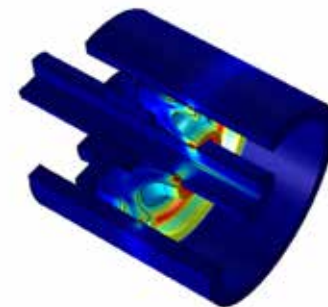
Our offer

At Novotema we can supply:

- **Technical consultancy** and support for sealing solutions;
- **Co-design** of the sealing solutions;
- **Selection** of the most suitable material;
- **Mold filling analysis** with dedicated software;
- **FEM structural analysis** of the sealing solution with dedicated software;
- **Mold design and construction**;
- **Sampling**, also with pilot mold;
- **Incoming inspection** and material characterization;
- **Failure Mode Analysis**, defect analysis and problem solving;

- **Laboratory tests** on materials and samples;
- **Compression or injection** molding;
- **Deburring** (manual, automatic and cryogenic);
- **Tumbling**;
- **Post curing**;
- **Surface treatments**;
- **Sorting**;
- **Packaging**.

We are also equipped with a clean room for elastomer components which require high standards of cleanliness, such as medical or pharmaceutical applications.





Materials

At Novotema we have extensive experience with a large variety of compounds in elastomeric materials.

We can also perform further filtering of the compounds in order to ensure very thin but still uniform and defect free surfaces.

We also work with materials certified for use in medical applications.

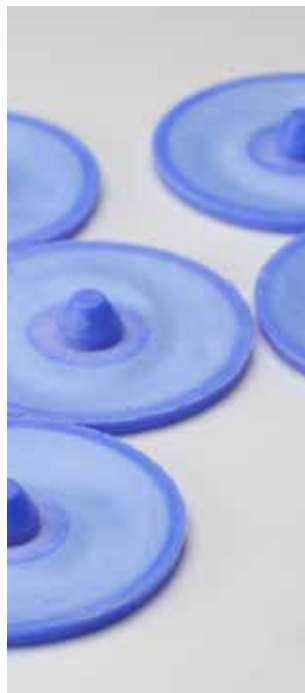
Our long-standing partnership with many compound manufacturers allow us great flexibility in the development and preparation of new materials, guaranteeing their performance for the most varied applications.

With the most modern equipment, decades of materials experience and the collaboration with the best partners, we have the necessary knowledge to deliver comprehensive sealing solutions.

NovotemaPort

Novotema Portfolio

We don't have a product catalog.
We make what our customers need,
fully customized.



Membranes

We can manufacture high quality membranes with reduced thickness and extremely tight tolerances.



Frames

Our in-depth knowledge of materials allows us to combine the best performing material grades with the most appropriate geometries, to suit the demands of any application.



Lip seals

We manufacture lip seals that provide optimum and long lasting performances. We are specialized in micro lip seals.



Shutters

Our shutters guarantee perfect sealing with no "sticking" effect.



Other products

- Washers;
- Bellows;
- Fairleads;
- O-rings;
- Special gaskets...



ApplicationsA

Applications

Our products are used in a wide range of applications and industries, including: valves for the medical and industrial sector, frames and membranes for braking systems, membranes and shutters for gas valves, below for actuators, O-rings and special seals for medical equipment...

Our customers come from all kinds of different industries. These include, but are not restricted to:





Novotema Spa

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